

# **ANNUAL SYNAR REPORT**

**42 U.S.C. 300x-26**

OMB № 0930-0222

**FFY 2017**

**State: NH**

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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 2016 Compliance Progress) and future plans to ensure compliance with the Synar requirements to reduce youth tobacco access rates (FFY 2017 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, 2016 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.

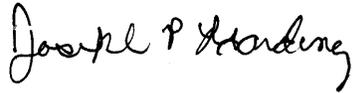
The state must upload one copy of the ASR using the online WebBGAS (Block Grant Application System). In addition, the following items must be uploaded to WebBGAS:

- FFY 2017 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), as well as a database with the raw inspection data 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. This document should be different than the Appendix C attached to the Annual Synar Report
- A scanned copy of the signed Funding Agreements/Certifications

Each state SSA Director has been emailed a login ID and password to log onto the Synar section of the WebBGAS site.

## FFY 2017: 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 2017 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 2017 is up-to-date and approved by the Center for Substance Abuse Prevention.  |                                |
| <b>State:</b> NH   |                                |
| <b>Name of Chief Executive Officer or Designee:</b> Joseph.P.Harding   |                                |
| <b>Signature of CEO or Designee:</b><br>  |                                |
| <b>Title:</b> Director-Bureau of Drug and Alcohol Services   | <b>Date Signed:</b> 12/28/2016 |
| <b>If signed by a designee, a copy of the designation must be attached.</b>  |                                |

**SECTION I: FFY 2016 (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
- Changed definition of tobacco products
- 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
- Added additional product
- Categories to youth access law  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 2017 ASR was posted to this Web address.)*

*Web address:* <http://www.dhhs.nh.gov/dcbcs/bdas/documents/2017synar.pdf>

*Date published:* 12/28/16

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.)* Shared with the New Hampshire Regional Public Health Networks as well as NH Tobacco Policy Committee and NH Division of Liquor Enforcement.

**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:**

NH Bureau of Drug and Alcohol Services

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

Yes  No

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

NH Division of Liquor Enforcement

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):**

NH Division of Liquor Enforcement(DLE)

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).**

NH Prevention and Control Program (NH TPCP)

**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.)* Attend monthly Tobacco Education meetings. The New Hampshire (NH) Tobacco Prevention and Cessation Program (TPCP) proposes to apply for Competitive Component (CC) funding to evaluate the relationship between POS marketing in retailers near schools and e-cigarette or ECIG use by high school youth. This work will complement the core component in that POS is a new area for the NH TPCP to collect data and to evaluate its impact on ECIG use by youth. We believe this is an important area for the NH TPCP to focus on because about 25% of high school youth reported that they used ECIG in 2015, which is 9 percentage points greater than that of the overall US \_\_\_\_\_

No relationship

**d. Does a state agency contract with the Food and Drug Administration’s Center for Tobacco Products (FDA/CTP) to enforce the youth access and advertising restrictions in the Family Smoking Prevention and Tobacco Control Act?**

Yes  No (if no, go to Question 5)

**e. If yes, 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)).**

NH DLE

**f. Has the responsible agency changed since last year’s Annual Synar Report?**

Yes  No

**g. 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.)* \_\_\_\_\_
- No relationship

**h. 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 2016 (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 local laws or 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>           | 69     |        | 69    |
| Number of <u>finest assessed</u>            |        |        |       |
| Number of <u>permits/licenses suspended</u> |        |        |       |
| Number of <u>permits/licenses revoked</u>   |        |        |       |
| Other ( <i>Please describe.</i> )           |        |        |       |

- c. 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 5c, 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:*

NH DLE provides their own Under Age Buyers (UAB) that conduct both alcohol and tobacco checks. These UAB have all been checked for age and appearance by the DLE Assessment Panel. This is done to decrease Bias so the youth do not appear to young or to old. Pictures are taken of each UAB the day of the compliance checks and all youth are accompanied by a DLE officer.

- d. 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.

- e. 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

- f. What additional activities are conducted in your state to support enforcement

**and compliance with state youth tobacco access law(s)?** (Check all that apply and briefly describe each activity in the text boxes below each activity.)

- Merchant education and/or training

The DLE has two training courses; The Management Training Seminar (MTS) which is required for all new licenses within 45 days. There is no requirement but DLE recommends that all managers and owners take this every 2 years. There was a total of 63 MTS classes and 1,151 in attendance. This is a small increase from last year. The second class is Total Education Alcohol Management (TEAM), this is targeted towards clerks/bartenders. During this class the participants are informed of the laws around selling alcohol or tobacco products to youth as well as trained on how to check for ID. Though there is currently no law requiring clerks to attend the training it is strongly recommended that clerks take this training every few years. There were a total of 15 classes and 376 participants. These trainings are only mandated when there has been a violation. Lack of funding for tobacco limits this training in regards to it not being mandatory.

- 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)

There is nothing currently being done in regards of this from the DLE. However there are several local coalitions that conduct compliance checks along with their local police department. Three out of thirteen of our Public Health Regional Networks have tobacco as a goal in their regional strategic plans.

- Community education regarding youth access laws

- Media use to publicize compliance inspection results

BDAS will put out a press release as well as make the report available on our website. Local papers and radio stations often call after the press release and ask for addition information to publicize results.

- Community mobilization to increase support for retailer compliance with youth access laws

- Other activities (Please list.) New Merchant Education Campaign

BDAS has designated funds for Merchant Education in SFY 2018. This will be done by incorporating what several other States are doing. A packet will be developed by BDAS to include, local laws to be followed, information around marketing as well as the dangers of youth tobacco use. These packets will be distributed when owner apply for their liquor license as well as when any outlet is out of compliance. The DLE will dedicate a page on their website to this effort that will contain the educational materials included in the binder. The materials will be

made available to our 13 Regional Public Health Networks to use in their outreach and educational efforts.

## 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 2016 (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.*

**a. If yes, Describe how and when this change was communicated to SAMHSA**

**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.**

**RVR Estimate**    +    (1.645    ×    \_\_\_\_\_ )    =  
                  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 Sampling frame coverage study: 2016**

**b. Percent coverage from the latest Sampling frame coverage study: \_\_\_\_\_**

**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: 2019**

**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. If Yes, describe how and when this change was communicated to SAMHSA**

**b. Provide the inspection period: From 10/1/2015 to 9/30/2016**  
MM/DD/YY MM/DD/YY

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

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.

8

**d. 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 2017 (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 2017. 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.**

NH is seeing a trend in the increase of tobacco violations over the last few years. This year shows a disturbing 2% increase over last year. However, the Youth Risk Behavior Survey (YRBS) shows a decrease in youth smoking but we have an increase in sales to minors. BDAS along with the DLE have formed a stronger partnership over in the past year and are confident this will help with increase in merchant education. BDAS will be developing packets with information, laws, classes available etc. The DLE will be providing this information electronically as well on their website.

**3. Describe any challenges the state faces in complying with the Synar regulation. (Check all that apply and describe each challenge in the text box below it.)**

- Limited resources for law enforcement of youth access laws

The DLE like several other state agencies, often is not fully funded which results in a decrease in the amount of DLE officers to complete tobacco checks. There should be 10 officers which would result in one officer per strata. The DLE however does successfully complete the SYNAR and FDA checks while continuing to look at effective ways to sample all stores in NH.

- 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

The list was run before all CVS stores stopped selling tobacco. This caused several of the sample stores to “not be eligible” as they no longer sell tobacco. The list for the current year has been updated and CVS stores have been removed.

- Limited expertise in survey methodology

- Laws/regulations limiting the use of minors in tobacco inspections

- Difficulties recruiting youth inspectors

- Issues regarding the balance of inspections conducted by youth inspectors age 15 and under

- Issues regarding the balance of inspections conducted by one gender of youth inspectors

- Geographic, demographic, and logistical considerations in conducting inspections

NH has a geographically diverse state ranging from cities such as Manchester which has a high number of tobacco outlets in a small area, as compared to rural towns such Enfield that have only a few outlets. We have several small towns that have between 1-3 outlets. The lack of capacity within the DLE as well as the geographic make up has proven to be a challenge as we try and move towards a system where we can check all Tobacco outlets in NH. BDAS along with TPCP, DLE and the Tobacco education group continue to work towards making this a reality in the upcoming years. We feel that one of the reasons we saw a increase this year was that stores were chosen from the bottom of the list up and most likely have not been part of the compliance checks in the past. It is our hope to increase the number of stores so that all retailers are always aware of the laws around selling tobacco to minors.

- Cultural factors (e.g., language barriers, young people purchasing for their elders)

- Issues regarding sources of tobacco under tribal jurisdiction

Other challenges (*Please list.*) Budget and Lack of Merchant Education. Incorrect Sample Size calculator numbers

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NH still is faced with the challenge of funding officers as well as funding of Merchant Education. This however is changing for SFY 18. BDAS has identified \$4500.00 of Block Grant to develop our own Merchant Education program based on other's states materials. DLE will be adding all of the materials to their website at no cost to BDAS.

DLE is responsible for running the SSRS as well as the Sample Size calculator for the next years survey. It appears that there was incorrect numbers used in order to determine the sample size for this year. BDAS has spoken with Project Officer from SAMHSA and will be setting up a call for BDAS/DLE and SAMHSA to ensure that we have the correct numbers entered for the sample size calculator for SFY 2018.

## 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 2017). 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 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 2017).

- 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: 2017   |
| (1)<br>Stratum<br>Name                          | (2)<br>N<br>Number of<br>Outlets<br>in Sampling<br>Frame | (3)<br>n<br>Original<br>Sample Size | (4)<br>n1<br>Number of<br>Sample<br>Outlets<br>Found<br>Eligible | (5)<br>n2<br>Number of<br>Outlets<br>Inspected | (6)<br>x<br>Number of<br>Outlets Found<br>in Violation | (7)<br>p=x/n2<br>Stratum<br>Retailer<br>Violation<br>Rate | (8)<br>N'=N(n1/n)<br>Estimated<br>Number of<br>Eligible<br>Outlets in<br>Population | (9)<br>w=N'/Total<br>Column 8<br>Relative<br>Stratum<br>Weight | (10)<br>pw<br>Stratum<br>Contribution<br>to State<br>Weighted<br>RVR | (11)<br>s.e.<br>Standard<br>Error of<br>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 2017).

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> 2017 _____                         |                     |                                  |                                   |   |
| (1)<br>Row #                                   | (2)<br>Stratum Name | (3)<br>Number of PSUs<br>Created | (4)<br>Number of PSUs<br>Selected | (5)<br>Number of PSUs<br>in the Final<br>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 2017).

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> 2017  |                       |
| <b>(1)<br/>INELIGIBLE</b>   |                       | <b>(2)<br/>ELIGIBLE</b>                                 |                       |
| <b>Reason for Ineligibility</b>                                       | <b>(a)<br/>Counts</b> | <b>Reason for Noncompletion</b>                         | <b>(a)<br/>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 2017).

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> 2017       |
|   | (1)<br>Attempted Buys | (2)<br>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: NH  
 FFY: 2017

**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          |
|---|----------------|--|------------------------------------|
| NH Division of Liquor Enforcement (DLE) | 3              | NH DLE provides a list of all licensees that sell tobacco products both over the counter and vending machines. | This is done yearly by application |
|   |                |  |                                    |
|   |                |  |                                    |
|   |                |  |                                    |
|   |                |  |                                    |

**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.) \_\_\_\_\_

If Yes, please indicate how likely it is that vending machines will be sampled.

- Vending machines are sampled separately to ensure vending machines are included in the sample
- Vending machines are sampled together with over the counter outlets, so it is possible that no vending machines were sampled, however they are included in the sampling frame and have a non-zero probability of selection
- Other reasons (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.**

NH uses a total of 10 strata. These strata represent the 10 NH Counties (Belknap, Carroll, Cheshire, Coos, Grafton, Hillsborough, Merrimack, Rockingham, Strafford and Sullivan) These strata also include vending machines as there are so few in NH now that they are no longer their own Strata 11.

**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: 14.52

Frame Size: 1554

**Input for Target Sample Size:**

Design Effect: 1.0

**Inputs for Original Sample Size:**

Safety Margin: 30  
Accuracy (Eligibility) Rate: 96.19  
Completion Rate: 92.73

- 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 SUMMARY

State: NH

FFY: 2017

*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: \_\_\_\_\_ )  
 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): NH Division of Liquor Enforcement (DLE)

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
- Electronic Cigarettes/Electronic Nicotine Delivery Systems (ENDS)
- Other

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

DLE trains all UAB's prior to conducting any compliance checks. The UAB's are instructed to ask for Marlboro's as this is the most common brand.

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

NH DLE officers accompany youth for all checks. The DLE has a protocol for alcohol and has been trained by SYNAR lead at BDAS in regards to how to conduct these checks.

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

NH DLE has a group of UAB's that conduct both the alcohol and tobacco compliance checks. They have been checked for age and appearance by a panel. They are trained on how to conduct the inspection as well as fill out any necessary forms. The UAB has a photo taken the day of the compliance checks. All youth are accompanied by a DLE officer

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.)*

In 1999, The NH Office of Attorney General issued a legal interpretation granting immunity to underage buyers participating in Synar surveys when working with an adult supervisor. In addition, DLE as the state enforcement agency for youth tobacco access laws, is authorized by statute to utilize buyers as part of its enforcement team.

b. Procedural

Yes  No

*(If Yes, please describe.)*

NH law requires that the youth are all aged tested, and trained as well as have a picture taken before any compliance checks can be conducted. The youth must have both money and a valid ID when they are trying to purchase tobacco. They are trained not to participate in any deceptive ways while attempting the purchase. These procedures are approved and detailed in the DLE Administrative and Operational Manual. Chapter 130A-Compliance checks.

**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.)*

There will be no compliance checks done alone in a situation where a youth may feel unsafe or uncomfortable. When this does occur a DLE officer will accompany the UAB into the store while dressed in street clothes and will purchase an item to not make the compliance check obvious but at the same time not letting UAB feel unsafe.

**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.)*

# APPENDIX D: LIST SAMPLING FRAME COVERAGE STUDY

(LIST FRAME ONLY)

State: NH  
FFY: 2017

1. Calendar year of the coverage study: 2016

2. a. Unweighted percent coverage found: \_\_\_\_\_ %  
b. Weighted percent coverage found: \_\_\_\_\_ %  
c. Number of outlets found through canvassing: 136  
d. Number of outlets matched on the list frame: \_\_\_\_\_

3. a. Describe how areas were defined. (e.g., census tracts, counties, etc.)

Areas were defined using an approved protocol provided by JBS International that incorporated the delineation of municipalities in NH into large cities (cities with zero to three outlets), medium (cities with four to six outlets), or small (cities with zero to three outlets). "Cities" are defined as any sample municipality and "outlets" are defined as any retailer or establishment that is licensed to sell tobacco.

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.**

Sample of area contain 130 to 200 outlets to establish a target size of 133. In NH there are a total of 1,478 outlets. Large cities have 1011 outlets which account for 68% of the total. Medium cities have 236 outlets which accounts for 16% of the total and small have 232 outlets which accounts for 16% of the total.

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

The sample size for Large Cities was 91 ( $0.68 \times 133 = 90$ ) 90 outlets  
Medium sample size was ( $0.16 \times 133 = 21$ ) 21 outlets  
Small sample size was ( $0.16 \times 133 = 21$ ) 21 outlets  
For randomization a sequential systematic random sampling method was used wherein all cities were listed within each stratum with enough outlets to meet the same size and every 6<sup>th</sup> city was selected in each stratum. If a city had been canvassed in 2010, the nearest city on the list with the same number of outlets was chosen.

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

**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.**

**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.*

**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.*

Canvassers started at a major intersection in each assigned area to be canvased and were instructed as in the past to follow the compass points as much as possible, with attention to safety and considerations, until all outlets (including minimum) were canvassed.

**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.

\_\_\_\_\_

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

\_\_\_\_\_

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

Due to the geographic lay out of NH, field observers were asked to either walk or drive through the target canvass areas to determine tobacco retailers. Those in Cities were able to walk while those canvassing more rural were instructed to drive. Visual confirmation was considered signage including tobacco sold at outlet.

**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).**

Mismatched was considered if a outlet was not on list, no longer sell tobacco, changed names or were no longer in business.

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

The percentage of matched outlets in stratum times stratum's percentage of total outlets in state. All stratum added for weight percentage coverage.:/