

ANNUAL SYNAR REPORT

42 U.S.C. 300x-26

OMB No 0930-0222

FFY 2020

State: WI

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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 2019 Compliance Progress) and future plans to ensure compliance with the Synar requirements to reduce youth tobacco access rates (FFY 2020 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. The information to be reported is public (45 CFR 96.130 (f)) and is not confidential. Part of the mission of the Center for Substance Abuse Prevention (CSAP) is to assist states¹ by supporting Synar activities and providing technical assistance helpful in determining the type of enforcement measures and control strategies that are most effective. This information is helpful to CSAP in improving technical assistance resources and expertise on enforcement efforts and tobacco control program support activities, including state Synar program support services, through an enhanced technical assistance program involving conferences and workshops, development of training materials and guidance documents, and 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.

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

Getting assistance in completing the Synar report

If you have questions about programmatic issues, you may call CSAP's Division of State Programs at (240) 276-2550 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, 2019 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 2020 Synar Survey Results: States that use the Synar Survey Estimation System (SSES) must upload one copy of *SSES Tables 1–8* (in Excel) to WebBGAS. **Please note that, beginning with the FFY 2019 ASR, SSES will generate Tables 6, 7, and 8, which are based on the optional microdata on product type, retail outlet type, and whether identification was requested. If your state does not submit these optional data, Tables 6, 7, and 8 will be blank. Tables 6, 7, and 8 are generated for the convenience of the state, and states are not required to submit completed versions of Tables 6, 7, or 8.** 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 2020: FUNDING AGREEMENTS/CERTIFICATIONS

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

PUBLIC HEALTH SERVICES ACT AND SYNAR AMENDMENT	
42 U.S.C. 300x-26 requires each state to submit an annual report of its progress in meeting the requirements of the Synar Amendment and its implementing regulation (45 C.F.R. 96.130) to the Secretary of the Department of Health and Human Services. By signing below, the chief executive officer (or an authorized designee) of the applicant organization certifies that the state has complied with these reporting requirements and the certifications as set forth below.	
SYNAR SURVEY SAMPLING METHODOLOGY	
The state certifies that the Synar survey sampling methodology on file with the Center for Substance Abuse Prevention and submitted with the Annual Synar Report for FFY 2020 is up-to-date and approved by the Center for Substance Abuse Prevention.	
SYNAR SURVEY INSPECTION PROTOCOL	
The state certifies that the Synar Survey Inspection Protocol on file with the Center for Substance Abuse Prevention and submitted with the Annual Synar Report for FFY 2020 is up-to-date and approved by the Center for Substance Abuse Prevention.	
State: Wisconsin	
Name of Chief Executive Officer or Designee: Julie A. Willems Van Dijk	
Signature of CEO or Designee: 	
Title: Deputy Secretary, WI Department of Health Services	Date Signed: 11-22-19
If signed by a designee, a copy of the designation must be attached.	

SECTION I: FFY 2019 (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 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 Other (Please specify.)

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 product

categories to youth access law Yes No

2. Describe how the Annual Synar Report (see 45 C.F.R. 96.130(e)) was 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 2020 ASR was posted to this Web address.)

Web address: https://scaoda.wisconsin.gov

Date published: December 3, 2019

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.) Presented and discussed on December 13, 2019 at the Wisconsin State Council on Alcohol and other Drug Abuse meeting.*
-

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:**

Wisconsin Department of Health 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:**

Wisconsin Department of Health Services

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):**

Wisconsin Department of Health Services

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).**

Wisconsin Department of Health Services

- 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.)* _____
- 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)).
Wisconsin Department of Health Services/Tobacco Prevention and Control Program

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 2019 (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 citations issued	UNK	UNK	153
Number of fines assessed	UNK	UNK	153
Number of permits/licenses suspended	UNK		UNK
Number of permits/licenses revoked	UNK		UNK
Other (Please describe.)			

- 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:

- 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

Through the state compliance program, Wisconsin Wins, a free on-line retailer training called WITobaccoCheck.org is available to all retailers. The training

includes study guides on the law (related to tobacco sales), the sale (how to verify age) and the local partnership (law enforcement and compliance checks). After reviewing study guides, retailers test their knowledge and receive a certificate upon successful completion of training. WITobaccoCheck.org promotional cards are mailed directly to retailers. Merchant resources, to include no sales to minors signage and ID reference cards (how to verify age), are distributed.

- 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)

The positive reinforcement component varies, but generally involves public recognition (media or community meeting) and/or a small “gift” for the clerk, such as gift certificates. Thank you cards are awarded to merchants from the local compliance check team.

- Community education regarding youth access laws

Local WI Wins contractors are required to conduct outreach activities that reach community members. These outreach activities may include meetings with local policymakers, law enforcement, business organizations and other community service organizations.

- Media use to publicize compliance inspection results

Local WI Wins contractors are required to annually conduct local media activities per county such as press releases, letters to the editor or newsletter articles.

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

Local WI Wins contractors partner with youth, law enforcement, and tobacco coalition members to inform the community about youth access laws, conduct compliance checks, and thank retailers who comply with the law.

- Other activities (*Please list.*) _____

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 2019 (*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, upload a copy of SSES tables 1–8 (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 (See Appendix A: Forms 1–5 Templates).** *(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) (See Appendix A: Forms 1–5 Templates) *(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 (See Appendix A: Forms 1–5 Templates), and answer the following question.

If No, go to Question 7g.

Were any certainty primary sampling units selected this year?

- Yes No

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

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

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

h. **Fill out Form 4 (See Appendix A: Forms 1–5 Templates).**

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: 2015

b. Percent coverage from the latest Sampling frame coverage study: 95.6%

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: 2020

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 06/17/19 to 7/17/19
MM/DD/YY MM/DD/YY

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

36

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

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 2020 (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 2020. 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.

In 2020, the Tobacco Prevention and Control Program will issue contracts to local agencies for community-based activities. These activities will include compliance investigations utilizing a positive reinforcement protocol, law enforcement involvement, promotion of WITobaccoCheck.org, media and community outreach activities.

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.)

- a. Limited resources for law enforcement of youth access laws

While law enforcement involvement is a requirement in the work plan of WI Wins contracting agencies, the level of involvement varies in each community and is dependent on law enforcement resources.

- b. Limited resources for activities to support enforcement and compliance with youth tobacco access laws

Limited funding doesn't allow for compliance investigations at every licensed retailer.

- c. Limitations in the state youth tobacco access laws

Current state statutes are preemptive of stronger local laws.

- d. Limited public support for enforcement of youth tobacco access laws

- e. Limitations on completeness/accuracy of list of tobacco outlets

Tobacco licenses are issued by local municipality annually. There is no statute requiring local municipalities to submit list of licensed outlets, therefore a collection request must be conducted each year.

- f. Limited expertise in survey methodology

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

- h. Difficulties recruiting youth inspectors

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

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

- k. Geographic, demographic, and logistical considerations in conducting inspections

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

The state has limited resources for non-English materials to support merchant education activities.

- m. Issues regarding sources of tobacco under tribal jurisdiction

- n. Other challenges (*Please list.*) Enforcing retailer training

State statute requires all employees handling tobacco products receive training on tobacco sales laws, however this is not enforced consistently statewide.

APPENDIX A: FORMS 1–5 TEMPLATES

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

Complete Form 1 in **Excel** 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 **Excel** form, provide the state name and reporting federal fiscal year (FFY 2020). 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 in Excel 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 Excel form, provide the state name and reporting federal fiscal year (FFY 2020).

- 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 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 in **Excel** 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 **Excel** form, provide the state name and reporting federal fiscal year (FFY 2020).

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.

Summary of Clusters Created and Sampled				
State: _____				
FFY: 2020 _____				
(1) Row #	(2) Stratum Name	(3) Number of PSUs Created	(4) Number of PSUs Selected	(5) Number of PSUs in the Final Sample
Total				

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

Complete Form 4 in **Excel** 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 **Excel** form, provide the state name and reporting federal fiscal year (FFY 2020).

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.”

Inspection Tallies by Reason of Ineligibility or Noncompletion			
		State: _____	
		FFY: 2020	
(1) INELIGIBLE		(2) ELIGIBLE	
Reason for Ineligibility	(a) Counts	Reason for Noncompletion	(a) Counts
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>			
Total		Total	

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

Complete Form 5 in Excel 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 Excel form, provide the state name and reporting federal fiscal year (FFY 2020).

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 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.

Synar Survey Inspector Characteristics		
		State: _____
		FFY: 2020
	(1) Attempted Buys	(2) Successful Buys
Male		
15 years		
16 years		
17 years		
18 years		
19 years		
20 years		
Male Subtotal		
Female		
15 years		
16 years		
17 years		
18 years		
19 years		
20 years		
Female Subtotal		
Other		
Total		

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) and respond to Question #10 of Appendix B to provide the requested information about sample size calculations for the Synar survey conducted in FFY 2019.

APPENDIX B: SYNAR SURVEY SAMPLING METHODOLOGY

State: Wisconsin
 FFY: 2020

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
Compiled list of local tobacco license lists	6	Wisconsin is a Home Rule State (Wis. Stats. 166). Licensing of liquor and tobacco product distribution is done at the local level. No centralized list of tobacco vendors is available. But under Wisconsin Statute, an annual tobacco retailer license must be obtained from the clerk of the municipality (city, village or town) where the retail activity will be exercised. The renewal date of such a license may be established by the municipality as the date of issuance but it is usually set as July 1 of each year. Licenses are not transferable and must be obtained for each retail premise, including vending machine sites. The DHS polls each of Wisconsin's municipalities and obtains a list of licensed tobacco vendors to compile the frame.	Updated annually through repetition of the polling process.

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.

A. County codes are assigned to all outlets.

B. Counties are stratified into 5 strata; the same 5 used in Wisconsin's coverage study that are determined by population of county.

- 1. Counties: 500,000 or more residents 3 Counties
- 2. Counties: 499,999 - 150,000 residents 7 counties
- 3. Counties: 149,999 - 50,000 residents 18 counties
- 4. Counties: 49,999 - 20,000 residents 26 counties
- 5. Counties: Less than 20,000 residents 18 counties

C. Do a Probability Proportional Sample (PPS) by geography, using total county population by taking a random sample of outlets within each of the 5 strata that is proportional to the overall population of the counties.

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 Synar survey conducted in FFY 2019.

- 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: 20%

Frame Size: 6791

Input for Target Sample Size:

Design Effect: 1

Inputs for Original Sample Size:

Safety Margin: 35%

Accuracy (Eligibility) Rate: 80%

Completion Rate: 90%

- 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.

The state calculated 844 as its initial minimum original sample size and increased it to 1,100 for the following reasons:

- a) Other tobacco products were included in the survey.
- b) Data is lacking, so increasing the sample size will increase the precision.
- c) By maintaining level collection for the other tobacco products, rates on the individual products can be better monitored.

APPENDIX C: SYNAR SURVEY INSPECTION PROTOCOL SUMMARY

State: Wisconsin
FFY: 2020

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: 1. Adult inspectors will observe the retail establishment and make a decision regarding safety. If there is a question, the adult should enter the establishment first and determine if an inspection should be made. 2. In the event of any problems during the inspection, the adult should enter the store immediately, identify themselves and explain the work that is being done.)
- 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): University of Wisconsin Survey Center (UWSC)

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.

The purchaser will attempt to purchase the tobacco product assigned to that outlet to include cigarettes, smokeless tobacco, cigarillos and disposable e-cigarettes. Minors are to request the identified preferred brands first. If the retailer does not sell the tobacco product designated to that outlet, the purchaser can request cigarettes or another product that teenagers might be likely to use.

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

The State was divided into 11 regions. Regional boundaries were strategically drawn based on ability to recruit adults and minors, area coverage and number of inspection points per region. The number of regions varies from year to year for two reasons: (1) the number of outlets selling tobacco in Wisconsin changes each year and (2) the sample of retailers checked for the Synar Survey is randomly drawn each year.

The project director re-hired majority of supervisors who had participated in the previous year's survey or other field projects. Thorough applications were filled out and extensive interviews were conducted via telephone. Background checks were completed with the Department of Justice and references were called.

The project director conducted a four-hour training session for inspection teams in each of the regions. Representatives from the DHS were also in attendance, to ensure that questions were answered and procedures were clearly understood. An agenda was developed and followed closely to prevent any inconsistencies in information or protocol given to the various inspection teams. The training included the following agenda:

SYNAR COMPLIANCE CHECK TEAM TRAINING AGENDA

1. Employment Paperwork
2. Introductions

- Explanation of Roles
 - Description of the Synar Project and Federal Requirements
3. Training
- Synar History, Tobacco Compliance in WI, Statutes
 - Introduction to Training Manual
 - Guidelines, Responsibilities & Protocols
 - Tablet Usage, Selector, Mapping & Recording Purchase Attempts
 - Training Minors
 - Role Playing & Scripts
 - Coversheets & Sale Procedures
 - Submitting Data & Paperwork
 - Payroll & Reimbursement
4. Questions
5. Review Reporting Requirements & Invoicing Procedures with Adult Supervisors

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

Youth inspectors (age 16 to 17) were recruited and trained by the supervisors, with an emphasis placed on attempting to recruit racial minorities for each group and a balance in gender and age. The training for youth inspectors involves a thorough explanation of the protocol with opportunities to do role plays for different situations.

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.)

Inspection protocols were developed by the DPH per federal guidelines provided by the Center for Substance Abuse Prevention.

In October 1999, Wisconsin Act 9 was passed into law. Wisconsin Act 9, the State Biennial Budget Bill created Chapter 254, Subchapter IX, "Investigations of the Sale or Gift of Cigarettes or Tobacco Products to Minors." This statute provides regulatory standards for conducting compliance investigations including on-site protocol and reporting requirements. Chapter 254, Subchapter IX, Wis. Stats., was amended with 2001 Wisconsin Act 75.

Specifically, the following language addresses the issue of youth inspectors' immunity when conducting inspections:

(b) A person under 18 year of age, but not under 15 years of age, may buy, attempt to buy or possess any cigarette, nicotine product, or tobacco product in the

course of his or her participation in an investigation under s. 254.916 that is conducted in accordance with s. 254.916 (3).

b. Procedural

Yes **No**

(If Yes, please describe.)

In the event of any problems, the adult supervisor will enter the store immediately, identify him or herself, explain the work they are conducting and show the letter from the State authorizing Synar survey activity.

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.)

In October 1999, Wisconsin Act 9 was passed into law. Wisconsin Act 9, the State Biennial Budget Bill, created Chapter 254, Subchapter IX, "Investigations of the Sale or Gift of Cigarettes or Tobacco Products to Minors." This statute provides regulatory standards for conducting compliance investigations, including on-site protocol and reporting requirements.

Sec. 254.916, Wis. Stats., provides for youth safety by requiring that the minor have permission from his or her parent or legal guardian, that the minor be allowed to conduct this act only for the purpose of conducting a compliance investigation, that the minor be directly supervised by an adult employee or a governmental regulatory authority, and that the minor have prior written permission from a governmental regulatory authority or district attorney.

b. Procedural

Yes No

(If Yes, please describe.)

General Rules and Guidelines

- The survey team will consist of one adult supervisor and two minors (one purchaser and one observer).
- The inspection will not be conducted if the retail site or area is perceived as unsafe by adult supervisors or minors.
- Survey team members must wear seat belts and obey all traffic laws.

Responsibilities and Protocols for Adult Supervisors

- Adult supervisors will do all of the driving.
- Vehicles must be parked in a location where survey participants can exit and enter the vehicle safely, but not within view of the retail outlet personnel.
- The adult supervisor will obtain a preliminary view of the retail establishment and make a decision regarding safety. If there is any question, the adult will enter the establishment first and determine if an inspection should be made. The adult might go in under the pretense of using the phone, etc., so as not to alert the retail employee. If the outlet or neighborhood appears unsafe to either the youth or the adult supervisor, the youth will not enter.

- The adult supervisor will maintain visual surveillance of the youth survey team members as they enter, and will be prepared to intervene if a problem arises.
- In the event of any problems, the adult supervisor will enter the store immediately, identify him- or herself, explain the work they are conducting, and show the letter from the State authorizing Synar survey activity.
- The adult supervisor will allow time for a debriefing after each attempt and at the end of the day, encouraging the youth to process their feelings about successful and unsuccessful purchases.

Responsibilities and Precautions for Youth Participants

- Youth survey teams will be composed of two participants. Both youth will enter the retail outlet together for each inspection. One will make the purchase attempt, and the other will be an observer.
- Both members will have the “Letter of Authorization” with them at all times.

• Observer Role:

- The observer will keep other youth (purchaser) in view at all times.
- If the purchaser appears to be having a problem or an experience that in any way seems unsafe, the observer will notify the adult supervisor immediately so he/she can intervene.
- The observer will leave the store with the purchaser.
- In gang activity areas, team members will avoid behaviors or mannerisms that might be perceived as “gang-related.”
- Both youth survey team members will leave the store immediately if the situation appears unsafe or feels uncomfortable.

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.)

In October 1999, Wisconsin Act 9 was passed into law. Wisconsin Act 9, the state Biennial Budget Bill, created Chapter 254 Subchapter IX, "Investigations of the Sale or Gift of Cigarettes or Tobacco Products to Minors." This statute provides regulatory standards for conducting compliance investigations, including on-site protocol and reporting requirements.

Sec. 254.916 (2), Wis. Stats., specifies that a minor be "under 18 years of age, but not under 15 years of age" to legally conduct compliance investigations.

Sec. 254.916 (3), Wis. Stats., states that "All of the following, unless otherwise specified, apply in conducting investigations under this section:

(a) If questioned about his or her age during the course of an investigation, the minor shall state his or her true age.

(b) A minor may not be used for the purpose of an investigation at a retail outlet at which the minor is a regular customer.

(c) The appearance of a minor may not be materially altered so as to indicate greater age.

(d) A photograph or videotape of the minor shall be made before or after the investigation or series of investigations on the day of the investigation or investigations. If a prosecution results from an investigation, the photograph or videotape shall be retained until the final disposition of the case.

b. Procedural

Yes No

(If Yes, please describe.)

General Rules and Guidelines

-The survey team will consist of one adult supervisor and two 16 or 17 year old youth (one purchaser and one observer).

-Survey teams will inspect only those retail outlets provided. If a retail outlet is closed, or if conditions are unsafe for inspecting, the adult supervisor will note this information on the data collection tablet, with an explanation as to why the inspection was not completed.

-The data collection tablet must remain in the vehicle with the adult supervisor and be completed after the purchase attempt is completed. The data collection tablet is not to be taken into the retail outlet.

-The inspection will not be conducted if the retail site or area is perceived as unsafe by adult supervisors or minors.

-The goal of the survey is to provide an accurate reflection of sale to minors, rather than to persuade the employee to sell. Team members will be honest and straightforward.

-This survey project is CONFIDENTIAL. Information and experiences will be discussed only within the team.

-Survey team members must wear seat belts and obey all traffic laws.

Responsibilities and Protocols for Adult Supervisors

-Adult supervisors will do all of the driving.

-Vehicles must be parked in a location where survey participants can exit and enter the vehicle safely, but not within view of the retail outlet personnel.

-The adult supervisor will obtain a preliminary view of the retail establishment and make a decision regarding safety. If there is any question, the adult will enter the establishment first and determine if an inspection should be made. The adult might go in under the pretense of using the phone, etc., so as not to alert the retail employee. If the outlet or neighborhood appears unsafe to either the youth or the adult supervisor, the youth will not enter.

-The adult supervisor will maintain visual surveillance of the youth survey team members as they enter, and will be prepared to intervene if a problem arises.

-In the event of any problems, the adult supervisor will enter the store immediately, identify him- or herself, explain the work they are conducting, and show the letter from the State authorizing Synar survey activity.

-If the purchase is made, the adult supervisor will label the tobacco product with a date and store ID number and place it in the plastic bag provided.

-The adult supervisor will complete the data collection form based on the information given by the youth survey team members after each inspection attempt.

-The adult supervisor will allow time for a debriefing after each attempt and at the end of the day, encouraging the youth to process their feelings about successful and unsuccessful purchases.

Responsibilities and Precautions for Youth Participants

-Youth survey teams will be composed of two participants. Both youth will enter the retail outlet together for each inspection. One will make the purchase attempt, and the other will be an observer.

-Both members will have the "Letter of Authorization" with them at all times.

Observer Role:

-The observer will keep other youth (purchaser) in view at all times.

-If the purchaser appears to be having a problem or an experience that in any way seems unsafe, the observer will notify the adult supervisor immediately so he/she can intervene.

-The observer will make a mental note of whether or not the outlet has a warning sign, and note the type and location of the sign.

-The observer will note the gender and approximate age of the employee.

-The observer will leave the store with the purchaser.

Survey Team Role:

-Survey team members will have enough money to make the purchase, including the appropriate amount of change, in case a purchase must be made from a vending machine.

-Once inside, the youth survey team should quickly locate the tobacco product.

-Survey team members will act naturally.

-Survey team members will dress as usual. The intention is not to fool the retail - employee, but to present themselves in a normal manner.

-In gang activity areas, team members will avoid behaviors or mannerisms that might be perceived as “gang-related.”

-Both youth survey team members will leave the store immediately if the situation appears unsafe or feels uncomfortable.

-If a friend or someone known to either survey team member works or is present in the retail site, the team will exit the store without attempting to make a tobacco purchase.

Purchaser Role:

-If tobacco is available in open, unlocked displays, the purchaser should pick up the item and place it on the counter.

-If tobacco is available only through a clerk-assisted sale (e.g., behind the counter or in a locked case), then the purchaser should request the specific type and brand of product.

-If the tobacco is available both in open, unlocked displays and behind the counter, the purchaser should try to pick up the item from the open, unlocked displays.

-If the location sells tobacco both over the counter and from vending machines, the purchaser should attempt to make the purchase from the vending machine.

-Team members must be truthful at all times. If asked their age, team members must honestly state their actual age.

-Team members will NOT carry identification into the retail outlet. If asked for age identification, team members should say, “I don’t have any.”

-If asked who the tobacco is for, the purchaser should respond, “For me.”

-It is very important that no survey team member entice a sale or in any way encourage the sales clerk to make the sale.

-Once the clerk has completed the sale, the purchaser should pay for the product and leave the store immediately.

-Information about the sale (or nonsale) will be recorded by the adult supervisor, who will then collect the purchased tobacco and place a label on it identifying the location and date of the purchase.

For vending machines, if a machine is operated with tokens or controlled by a locking device, the purchaser should initiate the steps required for a sale. He or she should purchase tokens or ask the clerk to turn on the vending machine. If the clerk requests ID or age, the youth will respond as stated above for over-the-counter sales.

APPENDIX D: LIST SAMPLING FRAME COVERAGE STUDY

(LIST FRAME ONLY)

State: Wisconsin
FFY: 2020

1. Calendar year of the coverage study: _____

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

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

 - 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.

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

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.

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.

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

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

SSES Table 1 (Synar Survey Estimates and Sample Sizes)

CSAP-SYNAR REPORT

State	WI
Federal Fiscal Year (FFY)	2020
Date	10/30/2019 16:29
Data	FFY20_SSES_SynarDataReport_2019.10.03_V2_Updated 20191030.xlsx
Program Version	Version 7.0
Analysis Option	Stratified SRS with FPC

Estimates

Unweighted Retailer Violation Rate	6.0%
Weighted Retailer Violation Rate	5.5%
Standard Error	0.7%
Is SAMHSA Precision Requirement met?	YES
Right-sided 95% Confidence Interval	[0.0%, 6.5%]
Two-sided 95% Confidence Interval	[4.2%, 6.7%]
Design Effect	0.9
Accuracy Rate (unweighted)	89.8%
Accuracy Rate (weighted)	89.7%
Completion Rate (unweighted)	98.2%

Sample Size for Current Year

Effective Sample Size	450
Target (Minimum) Sample Size	450
Original Sample Size	1,100
Eligible Sample Size	988
Final Sample Size	970
Overall Sampling Rate	15.9%

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

STATE: WI
FFY: 2020

Samp. Stratum	Var. Stratum	Outlet Frame Size	Estimated Outlet Population Size	Number of PSU Clusters Created	Number of PSU Clusters in Sample	Outlet Sample Size	Number of Eligible Outlets in Sample	Number of Sample Outlets Inspected	Number of Sample Outlets in Violation	Retailer Violation Rate(%)	Standard Error(%)
All Outlets											
1	1	1,498	1,350	N/A	N/A	284	256	253	15	5.9%	
2	2	1,497	1,343	N/A	N/A	310	278	271	22	8.1%	
3	3	1,778	1,590	N/A	N/A	294	263	260	17	6.5%	
4	4	1,403	1,282	N/A	N/A	162	148	144	3	2.1%	
5	5	615	529	N/A	N/A	50	43	42	1	2.4%	
Total		6,791	6,094			1,100	988	970	58	5.5%	0.7%
Over the Counter Outlets											
1	1	1,498	1,350	N/A	N/A	253	253	253	15	5.9%	
2	2	1,497	1,338	N/A	N/A	270	270	270	21	7.8%	
3	3	1,778	1,584	N/A	N/A	259	259	259	17	6.6%	
4	4	1,403	1,282	N/A	N/A	145	144	144	3	2.1%	
5	5	615	529	N/A	N/A	42	42	42	1	2.4%	
Total		6,791	6,083			969	968	968	57	5.4%	0.6%
Vending Machines											
1	1	0	0	N/A	N/A	0	0	0	0	0.0%	
2	2	0	5	N/A	N/A	1	1	1	1	100.0%	
3	3	0	6	N/A	N/A	1	1	1	0	0.0%	
4	4	0	0	N/A	N/A	0	0	0	0	0.0%	
5	5	0	0	N/A	N/A	0	0	0	0	0.0%	
Total		0	11			2	2	2	1	44.7%	31.6%

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: WI
FFY: 2020

Disposition Code	Description	Count	Subtotal
EC	Eligible and inspection complete outlet	970	
Total (Eligible Completes)			970
N1	In operation but closed at time of visit	4	
N2	Unsafe to access	1	
N3	Presence of police	0	
N4	Youth inspector knows salesperson	1	
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	2	
N8	Run out of time	0	
N9	Other noncompletion (see below)	10	
Total (Eligible Noncompletes)			18
I1	Out of Business	23	
I2	Does not sell tobacco products	80	
I3	Inaccessible by youth	0	
I4	Private club or private residence	2	
I5	Temporary closure	3	
I6	Can't be located	3	
I7	Wholesale only/Carton sale only	0	
I8	Vending machine broken	0	
I9	Duplicate	0	
I10	Other ineligibility (see below)	1	
Total (Ineligibles)			112
Grand Total			1100

Give reasons and counts for other noncompletion:

Reason	Count
Outlet did not carry assigned or alternate type of tobacco product, but did carry a different type of tobacco product. The teen did not attempt to purchase this alternate tobacco product.	5
Supervisor thought outlet was a duplicate, as the building was attached to another assigned outlet. However the two businesses operate separately and have separate licenses. Inspection team could not go back to re-attempt.	1
Supervisor thought outlet had closed and another business took over. However it is actually the same business with different signage. Inspection team could not go back to re-attempt.	1

Outlet is a catering business operating one day a week, ending midway through the field period. We cannot access to inspect without booking or gaining access to a catering event.	1
Youth inspector did not follow protocol to attempt purchase of alternate tobacco type.	2

Give reasons and counts for other ineligibility:

Reason	Count
Vendor only exists on festival grounds during festival dates outside of field period	1

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

STATE: WI
FFY: 2020

Frequency Distribution

Gender	Age	Number of Inspectors	Attempted Buys	Successful Buys
Male	14	0	0	0
	15	0	0	0
	16	11	252	11
	17	8	235	12
	18	0	0	0
	19	0	0	0
	20	0	0	0
	Subtotal		19	487
Female	14	0	0	0
	15	0	0	0
	16	8	251	12
	17	9	232	23
	18	0	0	0
	19	0	0	0
	20	0	0	0
	Subtotal		17	483
Other		0	0	0
Grand Total		36	970	58

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	4.4%	4.8%	4.6%
17	5.1%	9.9%	7.5%
18	0.0%	0.0%	0.0%
19	0.0%	0.0%	0.0%
20	0.0%	0.0%	0.0%
Other			0.0%
Total	4.7%	7.2%	6.0%

SSES Table 7 (Synar Survey Inspection Results by Type of Retail Outlet)

STATE: WI

FFY: 2020

Frequency Distribution and Buy Rate

Retail Outlet	Attempted Buys	Successful Buys	Violation Rate (%)
Gas Station	431	27	6.3%
Tobacco Store	25	0	0.0%
Restaurant	13	0	0.0%
Hotel	4	0	0.0%
Grocery Store	138	18	13.0%
Drug Store	45	0	0.0%
Other	314	13	4.1%
Missing	0	0	0.0%
Invalid	0	0	0.0%
Grand Total	970	58	6.0%

SSES Table 7 (Synar Survey Inspection Results by Type of Retail Outlet)

STATE: WI
FFY: 2020

Buy Rate by Type of Retail Outlet, Age, and Gender

Male								
Retail Outlet	Age							Total
	14	15	16	17	18	19	20	
Gas Station	0.0%	0.0%	5.4%	6.2%	0.0%	0.0%	0.0%	5.8%
Tobacco Store	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Restaurant	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Hotel	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Grocery Store	0.0%	0.0%	9.1%	12.1%	0.0%	0.0%	0.0%	10.6%
Drug Store	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Other	0.0%	0.0%	2.3%	2.4%	0.0%	0.0%	0.0%	2.4%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total Male	0.0%	0.0%	4.4%	5.1%	0.0%	0.0%	0.0%	4.7%

Female								
Retail Outlet	Age							Total
	14	15	16	17	18	19	20	
Gas Station	0.0%	0.0%	4.3%	9.3%	0.0%	0.0%	0.0%	6.7%
Tobacco Store	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Restaurant	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Hotel	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Grocery Store	0.0%	0.0%	8.1%	22.9%	0.0%	0.0%	0.0%	15.3%
Drug Store	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Other	0.0%	0.0%	5.1%	7.6%	0.0%	0.0%	0.0%	6.2%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total Female	0.0%	0.0%	4.8%	9.9%	0.0%	0.0%	0.0%	7.2%

All								
Retail Outlet	Age							Total
	14	15	16	17	18	19	20	
Gas Station	0.0%	0.0%	4.8%	7.9%	0.0%	0.0%	0.0%	6.3%
Tobacco Store	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Restaurant	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Hotel	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Grocery Store	0.0%	0.0%	8.6%	17.6%	0.0%	0.0%	0.0%	13.0%

Drug Store	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Other	0.0%	0.0%	3.6%	4.7%	0.0%	0.0%	0.0%	4.1%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Grand Total	0.0%	0.0%	4.6%	7.5%	0.0%	0.0%	0.0%	6.0%

SSES Table 8 (Synar Survey Inspection Results by Clerk Asked for ID)

STATE: WI

FFY: 2020

Frequency Distribution and Buy Rate

Clerk Asked for ID	Attempted Buys	Successful Buys	Violation Rate (%)
Yes	877	12	1.4%
No	93	46	49.5%
Missing	0	0	0.0%
Invalid	0	0	0.0%
Grand Total	970	58	6.0%

SSES Table 8 (Synar Survey Inspection Results by Clerk Asked for ID)

STATE: WI
FFY: 2020

Buy Rate by Clerk Asked for ID, Age, and Gender

Male								
Clerk Asked for ID	Age							Total
	14	15	16	17	18	19	20	
Yes	0.0%	0.0%	1.3%	0.5%	0.0%	0.0%	0.0%	0.9%
No	0.0%	0.0%	27.6%	47.8%	0.0%	0.0%	0.0%	36.5%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total Male	0.0%	0.0%	4.4%	5.1%	0.0%	0.0%	0.0%	4.7%

Female								
Clerk Asked for ID	Age							Total
	14	15	16	17	18	19	20	
Yes	0.0%	0.0%	2.1%	1.5%	0.0%	0.0%	0.0%	1.8%
No	0.0%	0.0%	46.7%	76.9%	0.0%	0.0%	0.0%	65.9%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total Female	0.0%	0.0%	4.8%	9.9%	0.0%	0.0%	0.0%	7.2%

All								
Clerk Asked for ID	Age							Total
	14	15	16	17	18	19	20	
Yes	0.0%	0.0%	1.7%	1.0%	0.0%	0.0%	0.0%	1.4%
No	0.0%	0.0%	34.1%	63.3%	0.0%	0.0%	0.0%	49.5%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Grand Total	0.0%	0.0%	4.6%	7.5%	0.0%	0.0%	0.0%	6.0%