

# ANNUAL SYNAR REPORT

42 U.S.C. 300x-26

OMB No 0930-0222

Oregon

FFY 2006



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES  
Substance Abuse and Mental Health Services Administration  
Center for Substance Abuse Prevention  
[www.samhsa.gov](http://www.samhsa.gov)

## Table of Contents

Introduction.....	ii
Funding Agreements/Certifications .....	1
Section I: FFY 2005 (Compliance Progress).....	2
Section II: FFY 2006 (Intended Use).....	8
Appendix A: Forms.....	10
Appendix B: Synar Survey Sampling Methodology .....	18
Appendix C: Synar Survey Inspection Protocol .....	21
Appendix D: List Sampling Frame Coverage Study .....	23

## INTRODUCTION

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

An agency may not conduct or sponsor and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. The OMB control number for this project is 0930-0222 with an expiration date of 08/31/2007. Public reporting burden for the collection of information is estimated to average 15 hours for Section I and 3 hours for Section II, including the time for reviewing instructions, completing and reviewing the collection of information, searching existing data sources, and gathering and maintaining the data needed. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to SAMHSA Reports Clearance Officer; Paperwork Reduction Project (0930-0222); 1 Choke Cherry Road, Room 7-1044, Rockville, Maryland 20857

### **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 2005 Compliance Progress) and future plans to ensure compliance with the Synar requirements to reduce youth tobacco access rates (FFY 2006 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 Substance Abuse and Mental Health Services Administration's (SAMHSA) 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 SAMHSA/CSAP in improving technical assistance resources and expertise on enforcement efforts and tobacco control program support activities, including State Synar Program support services, through an enhanced technical assistance program involving conferences and workshops, development of training materials and guidance documents, and on-site technical assistance consultation.

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

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

---

<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 and Community Assistance at 240-276-2570 and ask for your respective State Project Officer, or contact your State Project Officer directly by telephone or e-mail using the directory provided. If you have questions about fiscal or grants management issues, you may call the Grants Management Officer, Office of Program Services, Division of Grants Management, at 240-276-1404.

## **Where and when to submit the Annual Synar Report**

The Annual Synar Report (ASR) must be received by SAMHSA no later than December 31, 2005. The ASR must be submitted in the **approved OMB report format**. Use of the approved format will avoid delays in the review and approval process. The chief executive officer (or an authorized designee) of the applicant organization must sign page 1 of the ASR certifying that the State has complied with all reporting requirements.

Submit one signed original of the report, one additional copy, and an electronic version on either CD-ROM or 3.5" diskette to the Grants Management Officer at the address below:

Grants Management Officer  
Office of Program Services, Division of Grants Management  
Substance Abuse and Mental Health Services Administration

### **Regular Mail:**

1 Choke Cherry Road, Room 7-1091  
Rockville, Maryland 20857

### **Overnight Mail:**

1 Choke Cherry Road, Room 7-1091  
Rockville, Maryland 20850

## FFY 2006: 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 AMMENDMENT</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 2006 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 2006 is up-to-date and approved by the Center for Substance Abuse Prevention.	
<b>State:</b> Oregon	
<b>Name of Chief Executive Officer or Designee:</b> Bruce Goldberg	
<b>Signature of CEO or Designee:</b>	
<b>Title:</b> <u>Director, Department of Human Services</u>	<b>Date Signed:</b> _____
<b>If signed by a designee, a copy of the designation must be attached</b>	

## SECTION I: FFY 2005 (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. Please attach a photocopy of the change(s) in the State law(s) if any was made since the last reporting year. (See 42 U.S.C. 300x-26)**

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

Yes  No

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

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

*If Yes, indicate change (check all that apply):*

Changed to require that law enforcement conduct inspections of tobacco outlets

Changed to make it illegal for youth to possess, purchase or receive tobacco

Changed to require ID to purchase tobacco

Other change(s) (*please describe*): \_\_\_\_\_

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

Yes  No

*If Yes, indicate change (check all that apply):*

Total ban enacted

Banned from location(s) accessible to youth

Locking device or supervision required

Other change(s) (*please describe*): \_\_\_\_\_

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

Licensing of tobacco vendors  Yes  No

Penalties for sales to minors  Yes  No

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

Placed on file for public review

Posted on a State agency Web site (Specify Web site location:  
<http://www.oregon.gov/DHS/addiction/index.shtml>)

Notice published in a newspaper or newsletter

Public hearing

- Announced in a news release, a press conference, or discussed in a media interview
- Distributed for review as part of the SAPT Block Grant application process
- Distributed through the public library system
- Published in an annual register
- Other change(s) (please describe): \_\_\_\_\_

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

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

Office of Mental Health & Addiction Services (DHS-OMHAS)

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

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

Oregon State Police

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

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

Oregon State Police

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

**4. Identify the State agency(s) responsible for tobacco prevention control activities.**

DHS/Health Services/Public Health/Tobacco Prevention & Education Program (DHS-TPEP)

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

Yes  No

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

- Are the same
- Have a formal written memorandum of agreement
- Have an informal partnership
- Conduct joint planning activities
- Combine resources
- Have other collaborative arrangement(s) (please describe): \_\_\_\_\_

5. Please answer the following questions regarding the State's activities to enforce the youth access to tobacco law(s) in FFY 2005. (See 42 U.S.C. 300x-26 and 45 C.F.R. 96.130(e))

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

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

b. The following items concern penalties imposed for violations of youth access to tobacco laws by **LOCAL AND/OR STATE LAW ENFORCEMENT AGENCIES**. Please fill in the number requested or indicate if these data are unavailable or the item is not applicable.

PENALTY	NOT APPLICABLE	NOT AVAILABLE	TOTAL	If Available	
				OWNERS	CLERKS
Number of <u>citations issued</u>			61		61
Number of <u>finest assessed</u>		<input type="checkbox"/>			
Number of <u>permits/licenses suspended</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Number of <u>permits/licenses revoked</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
<i>Other (please describe):</i>					

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

- Merchant education and/or training
- Incentives for merchants who are in compliance (e.g., Reward and Reminder)
- Community education regarding youth access laws
- Media use to publicize compliance inspection results
- Community mobilization to increase support for retailer compliance with youth access laws
- Other activities (please list): \_\_\_\_\_

Briefly describe all checked activities:

- **Merchant education and/or training:** DHS-OMHAS continues to provide merchant education materials to retailers as requested. Information about Oregon laws related to youth access and sales of tobacco to minors, as well as store signage and clerk-training materials are available at no cost. In addition,



the Synar Coordinator provides retailer training throughout the year to retailers and retail associations, as requested.

- **Incentives for merchants who are in compliance:** In addition to statewide activities around retailer compliance, many local coalitions and law enforcement agencies conduct reward and reminder visits throughout the state. Unfortunately, there is no organized network to report local findings on these compliance checks. However, in all cases, clerks and/or stores are rewarded for refusing to sell tobacco to minors. These are a variety of rewards ranging from cash awards, restaurant and movie rental certificates, to “Thank You” certificates for stores whose clerks refuse to sell.
- **Community education regarding youth access laws:** Oregon’s tobacco prevention and education program (TPEP), funded by the tobacco tax increase, has been multi-faceted since it began in 1997. The program addressed tobacco use and prevention through the funding of community-based programs and coalitions; school-based tobacco prevention programs; tribal tobacco prevention programs in our federally-recognized Native American Tribes; multi-cultural programs addressing the specific needs of many of the state’s minority populations; a statewide tobacco quit line; and a very successful electronic and print media campaign. During both the 2003 and 2005 legislative sessions, Oregon’s Legislature made the decision to re-direct funding from the tobacco prevention and education program to other programs to fill budget gaps. TPEP currently functions with less than one-third of the original allocation provided under the formula for tobacco tax distribution that was developed in 1997. This has decreased the amount of funding to counties and local programs, as well as decreased the funding in all other aspects of the program. However, those counties that are still receiving funding from TPEP continue to work with their local communities. They educate them on the dangers of tobacco use, as well as reinforce the laws related to youth access.
- **Media use to publicize compliance inspection results:** The media is used both by the DHS-OMHAS and local community/county groups to publicize compliance inspection results. At the state level, annual results of compliance inspections are reported through press releases. Occasional media events are also scheduled to focus attention on inspection results and promote the importance of keeping tobacco out of the hands of youth. In addition, local coalitions frequently use the local press to publicize their Reward and Reminder visit results.

**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 2005. (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.*

DHS-OMHAS inspected a random sample of known tobacco retailers. An approved sampling methodology is filed with CSAP.

**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 and go to Question 8.*

*If No, continue to Question 7b.*

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

**Unweighted RVR** \_\_\_\_\_

**Weighted RVR** \_\_\_\_\_

**Standard error (s.e.) of the (weighted) RVR** \_\_\_\_\_

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

\_\_\_\_\_ + (1.645 × \_\_\_\_\_) = \_\_\_\_\_  
**RVR Estimate Plus (1.645 times Standard Error) equals Right Limit**

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

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

*(Check the one that applies)*

- Form 2 (Optional) in Appendix A (Forms) *(Attach completed Form 2)*  
 Other *(Please specify. Provide formulae and calculations or attach and explain the program code and output with description of all variable names.)*

**e. If stratification was used, did any strata in the sample contain only one outlet or cluster this year?**

- Yes    No    No stratification

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

**f. Was a cluster sample design used?**

- Yes    No

*If No, go to Question 7g.*

*If Yes, fill out and attach Form 3 in Appendix A (Forms), and answer the following question:*

**Were any certainty primary sampling units selected this year?**

- Yes    No

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



## SECTION II: FFY 2006 (Intended Use):

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

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

- Synar sampling methodology  Yes  No  
Synar inspection protocol  Yes  No

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

### 2. Please describe the State's plans to maintain and/or reduce the retailer violation rate for Synar inspections to be completed in FFY 2006. 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.

DHS-OMHAS intends to once again survey a random sample of tobacco retailers in 2006. Even with budget constraints, DHS-OMHAS will continue the enforcement effort. Local law enforcement efforts continue to expand in many parts of the state, providing additional emphasis on state and local youth access laws. DHS-OMHAS will continue to provide retailer education materials at no cost to the retail outlet. In addition, DHS-OMHAS staff will provide training to the retailer community and local tobacco prevention coalitions.

### 3. Describe any challenges the State faces in complying with the Synar regulation. (Check all that apply)

- Limited resources for law enforcement of youth access laws
- Limited resources for activities to support enforcement and compliance with youth tobacco access laws
- Limitations in the State youth tobacco access laws
- Limited public support for enforcement of youth tobacco access laws
- Limitations on completeness/accuracy of list of tobacco outlets
- Limited expertise in survey methodology
- Laws/regulations limiting the use of minors in tobacco inspections
- Difficulties recruiting youth inspectors
- Geographic, demographic, and logistical considerations in conducting inspections

- Cultural factors (e.g., language barriers, young people purchasing for their elders)
- Issues regarding sources of tobacco under tribal jurisdiction
- Other challenges (*please list*): \_\_\_\_\_
- No challenges (*please explain*): \_\_\_\_\_

*Briefly describe all items checked above:*

- **Limited resources for law enforcement of youth access laws:** Oregon continues to struggle through tough economic times. Funding for ATOD related activities has been cut drastically over the past three years. Most notable are cuts to the tobacco prevention and education program, which has been cut by nearly 70% over the past two years. Current funding for enforcement of youth access laws at the state level is limited to compliance with the Synar Amendment. The DHS-OMHAS enters into a interagency agreement with the Oregon State Police each biennium to conduct compliance inspections associated with the Synar Amendment using SAPT block grant funds. Additional state general funds have not been made available to increase enforcement efforts.
- **Limited resources for activities to support enforcement and compliance with youth tobacco access laws:** As stated above, budget cuts have made resources scarce for tobacco related prevention activities. A small number of counties have been funded through the TPEP program to provide tobacco prevention activities, including retailer and community education on a local level. Statewide activities are limited to annual letters to retailers regarding compliance inspections and providing merchant education materials as requested.
- **Limitations on completeness/accuracy of list of tobacco outlets:** Oregon continues to struggle to keep up with the changes in the list of retailers who sell tobacco. Oregon does not require a license to sell tobacco, so there is no master list of retailers to assist our efforts in tracking and updating information about new outlets and those that close or quit selling tobacco. DHS-OMHAS is working with the Oregon Department of Revenue and the Oregon Attorney General's Office to combine retailer lists of retailers maintained by each entity. This combined retailer list of retailers will help improve our existing list. Since DHS-OMHAS does not inspect all known retailers as we did in the past, inspectors are not finding new outlets as frequently.
- **Geographic, demographic, and logistical considerations in conducting inspections:** While this is not a problem on the Western side of the state, Eastern Oregon continues to be a geographic challenge for inspectors. In many cases, travel of 3-4 hours is not uncommon for inspection of one or two outlets in rural parts of the state. This is true of much of the Eastern areas of Oregon, but inspections are conducted regardless of the time it takes to travel and locate them. This will always be an issue for our state as there are so many rural towns outside the main north-south interstate freeway.

**APPENDIX A: FORMS**

**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 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 2006). 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 sub-column (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 non-complete 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 2006).

- 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 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: 2006
(1) Stratum Name	(2) N Number of Outlets in Sampling Frame	(3) n Original Sample Size	(4) n1 Number of Sample Outlets Found Eligible	(5) n2 Number of Outlets Inspected	(6) x Number of Outlets Found in Violation	(7) p=x/n2 Stratum Retailer Violation Rate	(8) N'=N(n1/n) Estimated Number of Eligible Outlets in Population	(9) w=N'/Total Column 8 Relative Stratum Weight	(10) pw Stratum Contribution to State Weighted RVR	(11) s.e. Standard Error of Stratum RVR
<b>TOTAL</b>										

- N - number of outlets in sampling frame
- n - original sample size (number of outlets in the original sample)
- n1 - number of sample outlets that were found to be eligible
- n2 - number of eligible outlets that were inspected
- x - number of inspected outlets that were found in violation
- p - stratum retailer violation rate ( $p=x/n2$ )
- N' - estimated number of eligible outlets in population ( $N'=N*n1/n$ )
- w - relative stratum weight ( $w=N'/\text{Total Column 8}$ )
- pw - stratum contribution to the weighted retailer violation rate
- 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 (FFY2006).

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> <u>2006</u>
(1) Row #	(2) Stratum Name	(3) Number of PSUs Created	(4) Number of PSUs Selected	(5) Number of PSUs in the Final Sample
<b>TOTAL</b>				

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

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

**Instructions for Completing Form 4:**

In the top right hand corner of the form, provide the State name and reporting Federal fiscal year (FFY2006).

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>			
			State
			FFY 2006
(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		Run 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 (FFY2006).

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 SUBTOTALS. 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 equal 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> Oregon
		<b>FFY</b> 2006
	(1) Attempted Buys	(2) Successful Buys
<b><u>Male</u></b>		
14 yrs	0	0
15 yrs	2	0
16 yrs	88	9
17 yrs	0	0
18 yrs		
<b>MALE SUBTOTAL</b>	90	9
<b><u>Female</u></b>		
14 yrs	7	2
15 yrs	91	27
16 yrs	154	23
17 yrs	0	0
18 yrs		
<b>FEMALE SUBTOTAL</b>	252	52
<b>OTHER</b>		
<b>TOTAL</b>	342	61

**APPENDIX B**

**STATE:** Oregon  
**FFY:** 2006

**SYNAR SURVEY SAMPLING METHODOLOGY**

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

Name of Frame Source	Type of Source	Description	Updating Method and Cycle
Oregon Liquor Control Commission (OLCC)	5	List contains most tobacco outlets since almost all alcohol outlets also sell tobacco; Age-restricted areas (inaccessible to minors) are removed from the list. State does not have tobacco licensing.	Continuous update with annual verification by the Department of Human Services (DHS). Oregon State Police (OSP) provides updates to DHS resulting from Synar and targeted inspections.

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

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

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

\_\_\_\_\_ %

**4. Federal regulation requires that vending machines be inspected as part of the Synar survey. Are vending machines included in the Synar survey?**

Yes  No

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

State law bans vending machines

State law bans vending machines from locations accessible to youth

State has SAMHSA approval to exempt vending machines from the survey

Other (please describe): \_\_\_\_\_

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

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

**Unstratified Statewide sample:**

Simple random sample (go to Question 9)

Systematic random sample (go to Question 6)

Single-stage cluster sample (go to Question 8)

Multi-stage cluster sample (go to Question 8)

**Stratified sample:**

Simple random sample (go to Question 7)

Systematic random sample (go to Question 6)

Single-stage cluster sample (go to Question 7)

Multi-stage cluster sample (go to Question 7)

**Other** (please describe and go to Question 9): \_\_\_\_\_

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

**7. Provide the following information about stratification**

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

**b. Is clustering used within the stratified sample?**

**Yes** (go to Question 8)

**No** (go to Question 9)

**8. Provide the following information about clustering**



- a. **Provide a full description of how clusters are formed.** *(If multi-stage clusters are used, give definitions of clusters at each stage.)*
  - b. **Specify the sampling method (simple random, systematic, or probability proportional to size sampling) for each stage of sampling and describe how the method(s) is (are) implemented.**
- 9. Provide the formulae for determining the effective, target, and original outlet sample sizes.**

Oregon employed SRS. The effective sample size (n) was determined using the following formula:

$$n = 1 / ((se)^2 / \hat{p}\hat{q} + 1 / N)$$

Where n is the effective sample size, se is the standard error,  $\hat{p}$  is the non-compliance rate,  $\hat{q} = 1 - \hat{p}$  and N is the population of outlets. This formula permits for FPC factor and the se is determined to meet the margin of error requirement (3%) for the one-sided 95% confidence interval. That is  $se = 0.0182$ .

The target sample size is the same as the effective sample size since the design effect for SRS is one. The original sample size is determined by  $n_o = (1 + r)n$ , r is an inflation factor (safety margin) to counter the sample attrition.

**Special Note:** We used a safety margin of 75% this year since it is our first year of sampling.

APPENDIX C

STATE: Oregon

FFY: 2006

SYNAR SURVEY INSPECTION PROTOCOL

*Note: Attach a copy of the inspection form and protocol used to record the inspection result.*

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

**a. Consummated buy attempts?**

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

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

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

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

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

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

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

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

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

List the agency name(s): Oregon State Police

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

- Always  Usually  Sometimes  Rarely  Never

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

The Oregon State Police (OSP) hires and supervises all adult supervisors and youth inspectors. Adult supervisors are recruited through contract with retired OSP troopers, who then recruit youth inspectors in local areas. OSP personnel in each of the local areas select and train all youth inspectors where inspections are being provided.

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

**a. Legal**                     **Yes**     **No** (*If Yes, please describe*):

Oregon Revised Statutes (ORS) allow for the use of minors in testing retailer compliance. ORS 167.401 lists the various exceptions to the Minor in Possession of Tobacco statutes. Section (4) of ORS 167.401 states "A minor acting under the supervision of an adult may purchase, attempt to purchase or acquire tobacco products for the purpose of testing compliance with a federal law, state statute, local law or retailer management policy limiting or regulating the delivery of tobacco products to minors."

**b. Procedural**             **Yes**     **No** (*If Yes, please describe*):

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

**a. Legal**                     **Yes**     **No** (*If Yes, please describe*):

**b. Procedural**             **Yes**     **No** (*If Yes, please describe*):

Within the protocols for outlet inspection, safety is paramount for youth inspectors. This is addressed first and foremost in training of both adult supervisors and youth inspectors, and remains as a primary focus of each outlet inspection. When there is a question of safety or security for a youth inspector, the outlet is not inspected.

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

**a. Legal**                     **Yes**     **No** (*If Yes, please describe*):

The Department of Human Services is required to coordinate with law enforcement agencies to conduct annual, random and targeted, unannounced inspections of over-

the counter and vending machine outlets to insure compliance with, and to enforce, Oregon laws designed to discourage the use of tobacco by minors, as set forth in OAR 415-060-0030. Nothing in these rules shall preempt local jurisdictions from passing ordinances to conduct unannounced inspections.

Random Sample Procedures: Annual random, unannounced inspections will be based on the following methodological procedures:

- (a) Cover a range of outlets (not pre-selected on the basis of prior violations) to measure overall levels of compliance as well as to identify violations.
- (b) Be conducted annually.
- (c) Be conducted in such a way as to ensure a scientifically sound estimate to the success of enforcement actions being taken throughout the state;
- (d) Use reliable methodological design and adequate sample design to reflect:
  - (1) Distribution of the population of those under 18 throughout the state;
  - (2) Distribution of outlets throughout the state; and
  - (3) Must further reflect that, because of location (e.g. near schools) or other factors, some outlets are more likely to be used by minors.
- (e) Ensure that inspections occur at times when minors are likely to purchase tobacco products.

Targeted Inspections: Pursuant to ORS 431.853(2)(c), targeted inspections are to focus on outlets where a compliance problem exists or is suspected. Information gained in targeted inspection will not be included in data used to determine rate of offense in random inspections.

Conducting Inspections: Inspections may take place:

- (a) Only in areas open to the public
- (b) Only during hours that tobacco products are sold or distributed; and
- (c) No more frequently than once a month in any single outlet unless a compliance problem exists or is suspected. For purposes of this rule, a "single outlet" refers to a specific address location of an outlet, regardless of ownership.
- (d) Using minors shall be at the discretion of the law enforcement officer or agency.

**b. Procedural**       **Yes**       **No** (*If Yes, please describe*):

**APPENDIX D**

**STATE:** Oregon

**FFY:** 2006

**List Sampling Frame Coverage Study**  
*(LIST FRAME ONLY)*

**1. Calendar year of the coverage study:** 2003

**2. Percent coverage found:** 95%  
*(Provide calculation of the percent coverage)*

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

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

### CSAP-SYNAR REPORT

State	Oregon
Federal Fiscal Year (FFY)	2006
Date	8/8/2005 16:21
Data	SSES Data Table - 2005.xls
Analysis Option	Stratified SRS with FPC

### Estimates

Unweighted Retailer Violation Rate	17.8%
Weighted Retailer Violation Rate	17.8%
Standard Error	0.1%
Is SAMHSA Precision Requirement met?	YES
Right-sided 95% Confidence Interval	[0.0%, 18.0%]
Two-sided 95% Confidence Interval	[17.6%, 18.0%]
Design Effect	1.0
Accuracy Rate (unweighted)	91.0%
Accuracy Rate (weighted)	91.0%
Completion Rate (unweighted)	99.7%

### Sample Size for Current Year

Effective Sample Size	377
Target (Minimum) Sample Size	377
Original Sample Size	377
Eligible Sample Size	343
Final Sample Size	342
Overall Sampling Rate	99.7%

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

STATE: Oregon  
FFY: 2006

Samp. Stratum	Var. Stratum	Outlet Frame Size	Estimated Outlet Population Size	Number of PSU Clusters Created	Number of PSU Clusters in Sample	Outlet Sample Size	Number of Eligible Outlets in Sample	Number of Sample Outlets Inspected	Number of Sample Outlets in Violation	Retailer Violation Rate(%)	Standard Error(%)
<b>All Outlets</b>											
1	1	377	343	N/A	N/A	377	343	342	61	17.8%	
Total		377	343			377	343	342	61	17.8%	0.1%
<b>Over the Counter Outlets</b>											
1	1	377	343	N/A	N/A	377	343	342	61	17.8%	
Total		377	343			377	343	342	61	17.8%	0.1%
<b>Vending Machines</b>											
1	1	0	0	N/A	N/A	0	0	0	0	0.0%	
Total		0	0			0	0	0	0	0.0%	0.0%

**SSES Table 3 (Synar Survey Sample Tally Summary)**

STATE: Oregon  
FFY: 2006

Disposition Code	Description	Count	Subtotal
EC	Eligible and inspection complete outlet	342	
Total (Eligible Completes)			342
N1	In operation but closed at time of visit	1	
N2	Unsafe to access	0	
N3	Presence of police	0	
N4	Youth inspector knows salesperson	0	
N5	Moved to new location but not inspected	0	
N6	Drive thru only/youth inspector has no drivers license	0	
N7	Tobacco out of stock	0	
N8	Run out of time	0	
N9	Other noncompletion	0	
Total (Eligible Noncompletes)			1
I1	Out of Business	26	
I2	Does not sell tobacco products	6	
I3	Inaccessible by youth	1	
I4	Private club or private residence	0	
I5	Temporary closure	1	
I6	Unlocatable	0	
I7	Wholesale only/Carton sale only	0	
I8	Vending machine broken	0	
I9	Duplicate	0	
I10	Other ineligibility	0	
Total (Ineligibles)			34
Grand Total			377



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

STATE: Oregon  
FFY: 2006

**Frequency Distribution**

Gender	Age	Number of Inspectors	Attempted Buys	Successful Buys
Male	14	0	0	0
	15	1	2	0
	16	4	88	9
	17	0	0	0
	18	0	0	0
	Subtotal		5	90
Female	14	1	7	2
	15	2	91	27
	16	6	154	23
	17	0	0	0
	18	0	0	0
	Subtotal		9	252
Other		0	0	0
Grand Total		14	342	61

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

Age	Male	Female	Total
14	0.0%	28.6%	28.6%
15	0.0%	29.7%	29.0%
16	10.2%	14.9%	13.2%
17	0.0%	0.0%	0.0%
18	0.0%	0.0%	0.0%
Other			0.0%
Total	10.0%	20.6%	17.8%