

# ANNUAL SYNAR REPORT

42 U.S.C. 300x-26

**OMB № 0930-0222**

FFY 2018

State: Michigan

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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 2017 Compliance Progress) and future plans to ensure compliance with the Synar requirements to reduce youth tobacco access rates (FFY 2018 Intended Use Plan). These data are required by 42 U.S.C. 300x-26 and will be used by the Secretary to evaluate state compliance with the statute. Part of the mission of the Center for Substance Abuse Prevention (CSAP) is to assist states<sup>1</sup> by supporting Synar activities and providing technical assistance helpful in determining the type of enforcement measures and control strategies that are most effective. This information is helpful to CSAP in improving technical assistance resources and expertise on enforcement efforts and tobacco control program support activities, including state Synar program support services, through an enhanced technical assistance program involving conferences and workshops, development of training materials and guidance documents, and onsite technical assistance consultation.

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

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

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

## **Getting assistance in completing the Synar report**

If you have questions about programmatic issues, you may call CSAP's Division of State Programs at (240) 276-2550 and ask for your respective State Project Officer, or contact your State Project Officer directly by telephone or email. If you have questions about fiscal or grants management issues, you may call the Grants Management Officer, Office of Financial Resources, Division of Grants Management, at (240) 276-1422.

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

The ASR must be received by SAMHSA no later than December 31, 2017 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 2018 Synar Survey Results: States that use the Synar Survey Estimation System (SSES) must upload one copy of SSES Tables 1–5 (in Excel) to WebBGAS. States that do not use SSES must upload one copy of ASR Forms 1, 4, and 5, and Forms 2 and 3, if applicable, (in Excel), as well as a database with the raw inspection data to WebBGAS.
- Synar Inspection Form: States must upload one blank copy of the inspection form used to record the result of each Synar inspection.
- Synar Inspection Protocol: States must upload a copy of the protocol used to train inspection teams on conducting and reporting the results of the Synar inspections. This document should be different than the Appendix C attached to the Annual Synar Report
- A scanned copy of the signed Funding Agreements/Certifications

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

## FFY 2018: FUNDING AGREEMENTS/CERTIFICATIONS

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

<b>PUBLIC HEALTH SERVICES ACT AND SYNAR AMENDMENT</b>
42 U.S.C. 300x-26 requires each state to submit an annual report of its progress in meeting the requirements of the Synar Amendment and its implementing regulation (45 C.F.R. 96.130) to the Secretary of the Department of Health and Human Services. By signing below, the chief executive officer (or an authorized designee) of the applicant organization certifies that the state has complied with these reporting requirements and the certifications as set forth below.
<b>SYNAR SURVEY SAMPLING METHODOLOGY</b>
The state certifies that the Synar survey sampling methodology on file with the Center for Substance Abuse Prevention and submitted with the Annual Synar Report for FFY 2018 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 2018 is up-to-date and approved by the Center for Substance Abuse Prevention.
<b>State: Michigan</b>
<b>Name of Chief Executive Officer or Designee: Thomas Renwick</b>
<b>Signature of CEO or Designee:</b>
Michigan Single State Authority for Substance Abuse Deputy Director, Behavioral Health and Developmental Disabilities Administration, Michigan Department of Health and Human Services
<b>Title:</b> _____ <b>Date Signed:</b> _____
<b>If signed by a designee, a copy of the designation must be attached.</b>

**SECTION I: FFY 2017 (Compliance Progress)**

**YOUTH ACCESS LAWS, ACTIVITIES, AND ENFORCEMENT**

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

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

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

Yes  No

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

**b. Have there been any changes in state law that impact the state's protocol for conducting Synar inspections?**

Yes  No

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

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

**c. Have there been any changes in state law that impact the following?**

- Licensing of tobacco vendors  Yes  No
- Penalties for sales to minors  Yes  No
- Vending machines  Yes  No
- Added 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 2018 ASR was posted to this Web address.)*  
*Web address:* \_\_\_\_\_  
*Date published:* \_\_\_\_\_
- 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.)* \_\_\_\_\_

**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:**

Michigan Department of Health and Human Services (MDHHS)/Office of Recovery Oriented Systems of Care (OROSC)

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

- Yes  No

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

Michigan Department of Health and Human Services (MDHHS)/Office of Recovery Oriented Systems of Care (OROSC)

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):**

Michigan State Police and local law enforcement agencies

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).**

MDHHS Tobacco Section

**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.)* 1) MDHHS Tobacco Section has representation on the OROSC Youth Access to Tobacco Workgroup (YATTW). 2) Collaborate with Tobacco Section and Prevention Michigan, Inc., to implement the Food and Drug Administration (FDA) Tobacco Compliance three-year contract award for FY 2017-2019 allocation \$4,492,682.00. 3) Responsible for coordinating implementation goals of state's 2013 Tobacco Strategic Plan developed by both OROSC and YATTW, in order to help raise awareness and change behaviors related to ultimately reducing youth access to tobacco and residual health problems and addiction. OROSC works through the YATTW to develop, execute and periodically update the deliverable terms of a OROSC Tobacco Strategic Plan. 4) Both OROSC and the Tobacco Section serve on the Michigan Tobacco Tax Enforcement Workgroup which collaboratively engages the Michigan State Police (MSP), Treasury Department, Attorney's General's Office and other state departments concerned with tobacco issues.
- 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)).**

Michigan Department of Health and Human Services (MDHHS)/Office of Recovery Oriented Systems of Care (OROSC)

**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 2017 (see 42 U.S.C. 300x-26 and 45 C.F.R. 96.130(e)).**

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

Enforcement is conducted exclusively by local law enforcement agencies.

Enforcement is conducted exclusively by state agency(ies).

Enforcement is conducted by both local *and* state agencies.

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

PENALTY	OWNERS	CLERKS	TOTAL
Number of <u>citations issued</u>	N/A	252	252
Number of <u>fin es assessed</u>	N/A	17	17
Number of <u>permits/licenses suspended</u>	N/A		0
Number of <u>permits/licenses revoked</u>	N/A		0
Other (Please describe.) <i>Only three counties in the State are authorized to issue. We have no "owner" reports from them at the completion of this FFY2018 ASR. The remaining counties are limited by pre-emption regulations. The YTA fines are only levied against the clerk and not the owner.</i>	UNK	269	269

**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

Annually, the State of Michigan (SOM) sends a mass mailing packet to 100% of the retailers on the master retailer list (MRL). As subsequent education disbursement, the state sends out materials to all 10 Prepaid Inpatient Health Plans (PIHP) who participate in face-to-face merchant education in their respective area prior to the month of Synar compliance checks. The minimum follow-up PIHP outreach consists of 25% up to 100% of retailers on their respective MRLs. The median effort is 50% of their lists. According to the majority of the Youth Access to Tobacco Activity Reports, Prevention Coordinators advise that visits are prioritized as follows: recent sales; accessibility to youth; type of business; and merchant requests. Other regional efforts include coalition, education forums, joint presentations with law enforcement, parents, and retailers. Visits are primarily conducted by Designated Youth Tobacco Use Representatives (DYTURs) or Prevention Coordinator designees.

In other Regions, where retailers were non-compliant the prosecutor's office contacted violators and referred them to the local DYTUR for a remedial educational intervention. In other cases, violators were urged by Law Enforcement to attend a retailer education forum (16 sessions were held in the course of a year) conducted by the DYTUR and other prevention staff.

In addition, Michigan continues to update the online Merchant Education Training which includes an educational PowerPoint, a post test and a state issued certificate of completion for anyone who receives a score of 80% or higher. The most recent update has included making the Merchant Education Training ADA (Americans with Disabilities) compliant to reach additional population groups who previously could not receive this educational training.

OROSC has developed a resource that combines tobacco education materials. This resource is linked to an existing statewide campaign called "Do Your Part". The

“Do Your Part”, series is located on the Michigan Department of Health and Human Service’s website. The tobacco segment targets the general public, educators, students, law enforcement and merchants. This site provides comprehensive educational materials including prevention, treatment and health information relating to the prevention of youth access to tobacco.

- ☒ 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)

Regional DYTUR’s send congratulatory letters and/or certificates of appreciation to retailers thanking them for being responsible members of the community as follow up to successful results during past compliance check activity. In addition, for any retailer that is part of a larger corporation (retail chain) their corporate headquarters is notified that a check was conducted and what the results were. In some Regions the Drug Free Coalitions annually hold an awards breakfast and or luncheon with several retailers who receive the “Exemplary Retailer of the Year Award” for not selling tobacco to a minor for at least 3 years. A press release is submitted ahead of time to invite the media to these events.

Other incentives included sending a letter with a “Reward the ID” sticker enclosed to all retailers that passed their compliance check inspection; collaborating with the local Sheriff’s in mailing an educational letter to all tobacco retailers; and having a recognition ceremony at the City Council meeting to honor retailers with no violations with a plaque and getting their picture taken with the City Mayor with the news media invited.

- ☒ Community education regarding youth access laws

Community education is promoted by DYTURs through coalition meetings, parent groups, school presentations, business groups, Boys & Girls Clubs, press releases, county health departments, responsible alcohol server trainings, the Tobacco Free Michigan Coalition, and agencies with tobacco health concerns. OROSC submitted several articles that were published in retailer association newsletters, magazines, and their monthly email blast to retailers.

- ☒ Media use to publicize compliance inspection results

Local media is used to acknowledge retailers who don’t sell to minors. Press releases recognize tobacco retailers and community coalitions for their participation in successful surveys. The SOM publishes an annual news release announcing results of the statewide survey which gives recognition to merchants, community partners and inter-agency collaborators that assisted in reducing the tobacco sales rates to minors.

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

Community mobilization is accomplished through the networking of community coalitions and community partners (local health departments, school officials,

Michigan State Police, Tobacco Tax Enforcement Teams, American Cancer Society, and the American Lung Association) who work in conjunction with the DYTUR's. DYTURS and partners ensure signage is properly posted, sometimes with the aid of high school youth. In some areas citizens are trained to help conduct vendor education. Community partners are encouraged to report observed incidents of underage tobacco sales. The SOM also provides online tobacco reporting forms to assist with these efforts.

Other activities (*Please list.*) \_\_\_\_\_

Northern Michigan's Regional Entity (NMRE) continues to cultivate a special relationship with local Prosecuting Attorneys (PAs) in 20 of their 21 county region. Each year DYTURS garner local prosecutor support through a discussion and informational report card meeting emphasizing current data and potential financial loss for non-compliance. The exchange and written documentation of their support for Youth Tobacco Act (YTA) compliance and local prevention efforts is utilized throughout the year by DYTUR's to confirm local support for enforcement of the YTA.

Northern Michigan's youth group member participation was utilized in retailer education and non-synar in many instances to localize the support for YTA and promote guidelines for more secure product placement and product advertising.

Across the NMRE region 34 law enforcement agencies (county and city) were surveyed by DYTURS for the number of YTA violations on file this past year. This year's numbers of regional violations and citations, 48 youth and clerks (non-Synar checks), reported is low and doesn't appear to reflect the percentage of underage youth using tobacco reported in regional surveys. As such, this information will be utilized in planning toward expanded regional enforcement of the YTA on local levels with local law enforcement.

Lakeshore Regional Entity DYTUR's send quarterly emails and/or letters to all of the corporate offices with a summary of their tobacco retailers history with tobacco checks. This history will tell them the specific locations of their establishments and if they passed or sold during tobacco checks. This letter also encourages them to consistently train their employees and if they need any help with that to contact the respective DYTUR.

Southwest Michigan Behavioral Health region worked with county prosecutor's offices and law enforcement agencies across the region. When inspections were conducted by civilians a report was made by the local DYTUR identifying each retailer that failed inspection.

Mid-State Health Network region sent letters to vendors from local Sheriff Departments requesting vendor compliance; distributed vendor tools to help them check ID's; and distributed Read the Red Cards.

Oakland County Community Mental Health Authority region DYTUR's continued the practice of collaborating with the Oakland County Sheriff in mailing an education letter to all tobacco retailers in Oakland County. The letter serves as a reminder of the importance of protecting the children in our communities from lifelong nicotine addiction as well as the financial penalties for non-compliance

with the YTA. Information about the Synar Amendment is included with particular emphasis on the potential loss of a significant portion of SAPT Block Grant funding and the impact of the quality of life in local communities should the SOM fail to meet the 80% retailer compliance rate.

### 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 2017 (see 42 U.S.C. 300x-26 and 45 C.F.R. 96.130).

**6. Has the sampling methodology changed from the previous year?**

Yes  No

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

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

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

**a. Did the state use the optional Synar Survey Estimation System (SSES) to analyze the Synar survey data?**

Yes  No

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

**b. Report the weighted and unweighted Retailer Violation Rate (RVR) estimates, the standard error, accuracy rate (number of eligible outlets divided by the total number of sampled outlets), and completion rate (number of eligible outlets inspected divided by the total number of eligible outlets).**

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

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

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

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

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

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

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

c. **Fill out Form 1 in Appendix A (Forms 1–5).** *(Required regardless of the sample design.)*

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

Form 2 (Optional) in Appendix A (Forms 1–5) *(Attach completed Form 2.)*

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

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

Yes  No  No stratification

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

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

Yes  No

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

*If No, go to Question 7g.*

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

Yes  No

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

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

	Sample Size
<b>Effective sample size</b> (sample size needed to meet the SAMHSA precision requirement assuming simple random sampling)	
<b>Target sample size</b> (the product of the effective sample size and the design effect)	
<b>Original sample size</b> (inflated sample size of the target sample to counter the	

sample attrition due to ineligibility and noncompletion)	
<b>Eligible sample size</b> (number of outlets found to be eligible in the sample)	
<b>Final sample size</b> (number of eligible outlets in the sample for which an inspection was completed)	

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

**8. Did the state’s Synar survey use a list frame?**

Yes  No

*If Yes, answer the following questions about its coverage.*

**a. The calendar year of the latest Sampling frame coverage study: 2016**

**b. Percent coverage from the latest Sampling frame coverage study: 86.5**

**c. Was a new study conducted in this reporting period?**

Yes  No

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

**d. The calendar year of the next coverage study planned: 2019**

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

Yes  No

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

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

**b. Provide the inspection period: From 06/01/17 to 07/11/17**

MM/DD/YY MM/DD/YY

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

93

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

**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 2018 (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 2018. 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.

OROSC will continue to work with the state level Youth Access to Tobacco Workgroup (YATTW) to update our current Tobacco Strategic Plan to include: an action plan to address issues for minorities and underserved populations; attract merchants, managers and cashiers to an online training site to measure the impact on Retailer Violation Rate (RVR); align with PIHP annual tobacco planning; work with MDHHS Communication division to help set concrete content and outreach goals for participation in the "Do Your Part" campaign; review and maintain an action plan for responding to emerging legislative objectives/goals; expand distribution efforts of YTA signage through our various community partners as well as state retailer associations.

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

Limited resources for law enforcement of youth access laws

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

Limitations in the state youth tobacco access laws

The current Youth Tobacco Act (YTA) only penalizes the cashier, but not the owner. As a state entity, MDHHS has lobbying restrictions for advocating legislative change, however, to engage retailers OROSC has a strategic plan to raise the awareness of owners and clerks by utilizing our various partners to make educational site visits; working with the business community through the



Associated Food and Petroleum Dealers (AFPD) to advocate the free online certificated training that can be used as an affirmative defense should a violation occur.

- Limited public support for enforcement of youth tobacco access laws

Known data regarding use trends, violation rates and high risk populations, the state with the aid of YATTW partners will add to an existing state public awareness website called "Do Your Part" (DYP) to help set concrete content and outreach goals to help parents, educators and law enforcement become proactive in deterring illegal access of tobacco products to minors. There will also be efforts to expand our youth education on this site as well as outreach to school districts throughout the state to promote youth participation.

- Limitations on completeness/accuracy of list of tobacco outlets

The last coverage study was conducted in 2016 with a MRL accuracy rate of 86.5%. The next coverage study will be completed in 2019.

- Limited expertise in survey methodology

N/A

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

Youth who purchase tobacco products within the scope of participation in Synar are exempt from legal prosecution. (YTA 722.642 Sec.2, Item 3, Subsection 1)

- Difficulties recruiting youth inspectors

There are minimal issues for DYTURS recruiting youth. Each region does a good job identifying youth under Synar requirements.

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

Michigan only uses youth who are 16-17 years old.

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

Procedural guidelines for Synar chaperones require that there be an equal number of males and females conducting inspections.

- Geographic, demographic, and logistical considerations in conducting inspections

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

Through the efforts of the YATTW the state will continue to review and modify our action plan to address issues for minorities and underserved populations by utilizing

epidemiological data to identify specific issues and/or populations; identify evidence-based activities to impact the issues selected; maintain a work plan and measurable benchmarks that show progress in service to underserved people and reduced violations in specific communities.

- Issues regarding sources of tobacco under tribal jurisdiction

Inspections are not conducted in areas under tribal jurisdiction.

- Other challenges (*Please list.*) \_\_\_\_\_

None at this time.

## APPENDIX A: FORMS 1–5

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

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

**Instructions for Completing Form 1:** In the top right-hand corner of the form, provide the state name and reporting federal fiscal year (FFY 2018). 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.



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

## **FORM 2 (Optional)**

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

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

**Instructions for Completing Form 2:** In the top right-hand corner of the form, provide the state name and reporting federal fiscal year (FFY 2018).

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

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

<b>Calculation of Weighted Retailer Violation Rate</b>										
										State: _____
										FFY: 2018
(1) Stratum Name	(2) N Number of Outlets in Sampling Frame	(3) n Original Sample Size	(4) n1 Number of Sample Outlets Found Eligible	(5) n2 Number of Outlets Inspected	(6) x Number of Outlets Found in Violation	(7) p=x/n2 Stratum Retailer Violation Rate	(8) N'=N(n1/n) Estimated Number of Eligible Outlets in Population	(9) w=N'/Total Column 8 Relative Stratum Weight	(10) pw Stratum Contribution to State Weighted RVR	(11) s.e. Standard Error of Stratum RVR
<b>Total</b>										

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

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

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

**Instructions for Completing Form 3:** In the top right-hand corner of the form, provide the state name and reporting federal fiscal year (FFY 2018).

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> 2018 _____				
(1) Row #	(2) Stratum Name	(3) Number of PSUs Created	(4) Number of PSUs Selected	(5) Number of PSUs in the Final Sample
<b>Total</b>				



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

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

**Instructions for Completing Form 4:** In the top right-hand corner of the form, provide the state name and reporting federal fiscal year (FFY 2018).

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

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

<b>Inspection Tallies by Reason of Ineligibility or Noncompletion</b>			
		<b>State:</b> _____	
		<b>FFY:</b> 2018	
(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> )			
<b>Total</b>		<b>Total</b>	

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

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

**Instructions for Completing Form 5:** In the top right-hand corner of the form, provide the state name and reporting federal fiscal year (FFY 2018).

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

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

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

<b>Synar Survey Inspector Characteristics</b>		
		<b>State:</b> _____
		<b>FFY:</b> 2018
	(1) Attempted Buys	(2) Successful Buys
<b>Male</b>		
15 years		
16 years		
17 years		
18 years		
<b>Male Subtotal</b>		
<b>Female</b>		
15 years		
16 years		
17 years		
18 years		
<b>Female Subtotal</b>		
<b>Other</b>		
<b>Total</b>		

## **APPENDIXES B & C: FORMS**

### Instructions

Appendix B (Sampling Design) and Appendix C (Inspection Protocol) are to reflect the state's CSAP-approved sampling design and inspection protocol. These appendixes, therefore, should generally describe the design and protocol and, with the exception of Question #10 of Appendix B, are not to be modified with year-specific information. Please note that any changes to either appendix must receive CSAP's advance, written approval. To facilitate the state's completion of this section, simply cut and paste the previously approved sampling design (Appendix B) and inspection protocol (Appendix C) and respond to Question #10 of Appendix B to provide the requested information about sample size calculations for the Synar survey conducted in FFY 2017.

## APPENDIX B: SYNAR SURVEY SAMPLING METHODOLOGY

State: Michigan  
 FFY: 2018

**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
Michigan Department of Agriculture (MDA) list of retailers	4	<p>The three lists are combined to construct the frame. The State does not have a license list. State admits that this frame may not represent every tobacco retailer.</p> <p>The Michigan Liquor Control licensee list includes retailers licensed to sell alcoholic beverages.</p> <p>The Michigan Petroleum Retailers Association list of members includes retail/gasoline/convenience store venues.</p> <p>Both venues, Liquor Control Commission licensees and Michigan Petroleum Retailers Association members have been known to sell tobacco products (5, 6).</p>	<p>Prepaid Inpatient Health Plans (PIHPs) conducting inspections in the recent past identified vendors that sold tobacco that were not captured on the MDA listing. The sample frame was updated annually. All PIHPs are required to update their lists of retailers locally in their regions annually. Each PIHP is required to canvass their respective regions for the purpose of identifying new or former retailers. Their lists include the combined listings from the three resources. The PIHPs provide OROSC with the updated lists, which are added to our retailer database, which is updated prior to the Synar survey process.</p>
Michigan Liquor Control licensee list	5		
Michigan Petroleum Retailers Association list of members	6		

**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.**

OROSC stratified their sample by the 10 Prepaid Inpatient Health Plans.

**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.**

The SSES sample size calculator is used to estimate the sample size. The formula for calculating the effective sample size is,  $n_e$ , based on page 36 (formula 3.5) of the Sample Design Guidance published in 2011.

$$n_e = \frac{1}{\left( \frac{(0.0182)^2}{P(1-P)} + \frac{1}{N} \right)}$$

Where P is the RVR from the previous year's survey and N is the total number of outlets in the state.

The target sample size is determined by multiplying the effective sample size by the expected design effect of 1.01.

$$n_t = dn_e$$

The original sample size is determined by inflating the target sample size by the expected eligibility rate ( $r_i$ ) and the expected completion rate ( $r_c$ ), where ( $r_i$ ) is the eligibility (also known as accuracy) rate from the previous year's survey and  $r_c$  is the completion rate from the previous year's survey. The original sample size can be written as:

$$n_o = \frac{n_t}{r_i r_c}$$

In addition, the original sample size is further inflated by a 20% safety margin.

**10. Provide the following information about sample size calculations for the Synar survey conducted in FFY 2017.**

- 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: 13.1%

Frame Size: 8,869

**Input for Target Sample Size:**

Design Effect: 1.01

**Inputs for Original Sample Size:**

Safety Margin: 20%

Accuracy (Eligibility) Rate: 96.4%

Completion Rate: 99.4%

- 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:**

Michigan is interested in reviewing and analyzing data for each of the 10 PIHPs in the state. Many of these agencies have large differences in rural/urban ratios, types of tobacco vendors, and types of law enforcement. Consequently, the Synar rates in each PIHP are expected to vary. Therefore, Michigan is interested in stratifying its Synar sampling in a manner to meet the federal requirements as well as to have a meaningful representation. Since Michigan would like to review individual PIHP Synar rates, it has determined that a minimum number of samples (20) should be completed for each PIHP. Establishing such a minimum will represent an increase

in the number of sites being sampled in those agencies with a lower number of tobacco vendors (oversampling). However, such an adjustment in sample size this will not impact the statewide rate as that rate will be based on the weighted average for the number of total tobacco vendors in each PIHP. In order to assure that 20 outlets per PIHP are available for analysis, Michigan requires that each stratum sample size be no lower than 30. Therefore, the actual original sample size will be increased to ensure that each individual's (PIHP's) stratum sample size is no lower than 30.

- 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.**

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# APPENDIX C: SYNAR SURVEY INSPECTION PROTOCOL SUMMARY

State: Michigan  
FFY: 2018

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

## 1. How does the state Synar survey protocol address the following?

### a. Consummated buy attempts?

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

### b. Youth inspectors to carry ID?

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

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

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

### d. Youth inspectors to be compensated?

- Required
- Permitted under specified circumstances (Describe: Payment to youth decoys is left to the discretion and resources of the PIHPs)
- 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): **Region 1 NorthCare Network**  
**Region 2 Northern Michigan Regional Entity**

**Region 3 Lakeshore Regional Entity**

**Region 4 Southwest Michigan Behavioral Health**

**Region 5 Mid-State Health Network**

**Region 6 Community Mental Health Partnership of Southeast Michigan**

**Region 7 Detroit Wayne Mental Health Authority**

**Region 8 Oakland County Community Mental Health Authority**

**Region 9 Macomb County Office of Substance Abuse**

**Region 10 Prepaid Inpatient Health Plan**

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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 Single Cigarettes

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

Prior to attempting an unconsummated buy, the Designated Youth Tobacco Use Representative (DYTUR) acting on behalf of the region reviews known RVR date and discusses youth use trends with the decoy and a decision is made about the types of products and/or brands will be requested accordingly. It is the ultimate determination of the adult chaperone and the regional Prevention Coordinator.

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

Recruitment is left to the jurisdiction of the regional Prevention Coordinators. They are provided chaperone guidelines that are posted on the State of Michigan website and are instructed to obey Worker's Compensation and Youth Employment Standard regulations.

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

Recruitment is left to the jurisdiction of the regional Prevention Coordinators. They are provided chaperone guidelines that are posted on the State of Michigan website and are instructed to obey Worker's Compensation and Youth Employment Standard regulations.

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.)*

Youth inspector's immunity is covered by the Michigan Youth Tobacco Act.

**b. Procedural**

**Yes**  **No**

*(If Yes, please describe.)*

**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.)*

All subcontractors are subject to Workers Compensation laws.

**b. Procedural**

**Yes**  **No**

*(If Yes, please describe.)*

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

**a. Legal**

**Yes**  **No**

*(If Yes, please describe.)*

**b. Procedural**

**Yes**  **No**

*(If Yes, please describe.)*

Youth decoys must be 16 or 17 years old. Training and scheduling is under the jurisdiction of the Prevention Coordinator and DYTUR acting on behalf of the PIHP.

# APPENDIX D: LIST SAMPLING FRAME COVERAGE STUDY

(LIST FRAME ONLY)

State: \_\_\_\_\_  
FFY: 2018

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? (i.e., address, business name, business license number, etc).

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

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

**CSAP-SYNAR REPORT**

State	MI
Federal Fiscal Year (FFY)	2018
Date	8/18/2017 16:30
Data	FFY2018 SSEsv6_DataEntryTemplate_SRS.xlsx
Analysis Option	Stratified SRS with FPC

**Estimates**

Unweighted Retailer Violation Rate	10.7%
Weighted Retailer Violation Rate	10.7%
Standard Error	1.5%
Is SAMHSA Precision Requirement met?	YES
Right-sided 95% Confidence Interval	[0.0%, 13.1%]
Two-sided 95% Confidence Interval	[7.8%, 13.6%]
Design Effect	1.0
Accuracy Rate (unweighted)	96.8%
Accuracy Rate (weighted)	96.7%
Completion Rate (unweighted)	99.8%

**Sample Size for Current Year**

Effective Sample Size	330
Target (Minimum) Sample Size	334
Original Sample Size	434
Eligible Sample Size	420
Final Sample Size	419
Overall Sampling Rate	4.9%



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

STATE: MI

FFY: 2018

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>											
DetWayne	DetWayne	1,716	1,630	N/A	N/A	80	76	76	10	13.2%	
Lakeshore	Lakeshore	905	863	N/A	N/A	43	41	41	4	9.8%	
Macomb	Macomb	716	653	N/A	N/A	34	31	31	5	16.1%	
Mid-State	Mid-State	1,609	1,609	N/A	N/A	76	76	76	9	11.8%	
NMRE	NMRE	701	659	N/A	N/A	33	31	31	3	9.7%	
NorthCarare	NorthCarare	396	383	N/A	N/A	30	29	29	4	13.8%	
Oakland	Oakland	788	767	N/A	N/A	38	37	36	3	8.3%	
Region 10	Region 10	716	716	N/A	N/A	34	34	34	1	2.9%	
Southeast	Southeast	558	558	N/A	N/A	30	30	30	2	6.7%	
Southwest	Southwest	764	743	N/A	N/A	36	35	35	4	11.4%	
Total		8,869	8,581			434	420	419	45	10.7%	1.5%
<b>Over the Counter Outlets</b>											
DetWayne	DetWayne	1,711	1,630	N/A	N/A	80	76	76	10	13.2%	
Lakeshore	Lakeshore	905	863	N/A	N/A	43	41	41	4	9.8%	
Macomb	Macomb	714	653	N/A	N/A	34	31	31	5	16.1%	
Mid-State	Mid-State	1,606	1,609	N/A	N/A	76	76	76	9	11.8%	
NMRE	NMRE	701	659	N/A	N/A	33	31	31	3	9.7%	
NorthCarare	NorthCarare	393	383	N/A	N/A	30	29	29	4	13.8%	
Oakland	Oakland	784	767	N/A	N/A	38	37	36	3	8.3%	
Region 10	Region 10	715	716	N/A	N/A	34	34	34	1	2.9%	
Southeast	Southeast	558	558	N/A	N/A	30	30	30	2	6.7%	

Southwest	Southwest	763	743	N/A	N/A	36	35	35	4	11.4%	
Total		8,850	8,581			434	420	419	45	10.7%	1.5%
<b>Vending Machines</b>											
DetWayne	DetWayne	5	0	N/A	N/A	0	0	0	0	0.0%	
Lakeshore	Lakeshore	0	0	N/A	N/A	0	0	0	0	0.0%	
Macomb	Macomb	2	0	N/A	N/A	0	0	0	0	0.0%	
Mid-State	Mid-State	3	0	N/A	N/A	0	0	0	0	0.0%	
NMRE	NMRE	0	0	N/A	N/A	0	0	0	0	0.0%	
NorthCare	NorthCare	3	0	N/A	N/A	0	0	0	0	0.0%	
Oakland	Oakland	4	0	N/A	N/A	0	0	0	0	0.0%	
Region 10	Region 10	1	0	N/A	N/A	0	0	0	0	0.0%	
Southeast	Southeast	0	0	N/A	N/A	0	0	0	0	0.0%	
Southwest	Southwest	1	0	N/A	N/A	0	0	0	0	0.0%	
Total		19	0			0	0	0	0	0.0%	0.0%

SSES Table 3 (Synar Survey Sample Tally Summary)

STATE: MI  
 FFY: 2018

Disposition Code	Description	Count	Subtotal
EC	Eligible and inspection complete outlet	419	
Total (Eligible Completes)			419
N1	In operation but closed at time of visit	0	
N2	Unsafe to access	1	
N3	Presence of police	0	
N4	Youth inspector knows salesperson	0	
N5	Moved to new location but not inspected	0	
N6	Drive thru only/youth inspector has no drivers license	0	
N7	Tobacco out of stock	0	
N8	Run out of time	0	
N9	Other noncompletion	0	
Total (Eligible Noncompletes)			1
I1	Out of Business	4	
I2	Does not sell tobacco products	2	
I3	Inaccessible by youth	4	
I4	Private club or private residence	1	
I5	Temporary closure	2	
I6	Can't be located	0	
I7	Wholesale only/Carton sale only	1	
I8	Vending machine broken	0	
I9	Duplicate	0	
I10	Other ineligibility	0	
Total (Ineligibles)			14
Grand Total			434

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

STATE: MI  
FFY: 2018

**Frequency Distribution**

Gender	Age	Number of Inspectors	Attempted Buys	Successful Buys
Male	14	0	0	0
	15	0	0	0
	16	22	104	6
	17	27	131	10
	18	0	0	0
	Subtotal		49	235
Female	14	0	0	0
	15	0	0	0
	16	17	72	11
	17	27	112	18
	18	0	0	0
	Subtotal		44	184
Other		0	0	0
Grand Total		93	419	45

**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	5.8%	15.3%	9.7%
17	7.6%	16.1%	11.5%
18	0.0%	0.0%	0.0%
Other			0.0%
Total	6.8%	15.8%	10.7%

Outlet ID	Sampling S	Population	Variance St	Population	Response	[Violation	FI	Outlet Type	Youth Insp
R1-0414	NorthCare	396	NorthCare	396	EC	0		OTC	NCN09
R1-0037	NorthCare	396	NorthCare	396	EC	0		OTC	NCN08
R1-0065	NorthCare	396	NorthCare	396	EC	0		OTC	NCN07
R1-0078	NorthCare	396	NorthCare	396	EC	1		OTC	NCN06
R1-0059	NorthCare	396	NorthCare	396	EC	0		OTC	NCN06
R1-0099	NorthCare	396	NorthCare	396	EC	0		OTC	NCN01
R1-0114	NorthCare	396	NorthCare	396	EC	0		OTC	NCN01
R1-0128	NorthCare	396	NorthCare	396	EC	1		OTC	NCN02
R1-0154	NorthCare	396	NorthCare	396	EC	0		OTC	NCN05
R1-0159	NorthCare	396	NorthCare	396	EC	0		OTC	NCN05
R1-0170	NorthCare	396	NorthCare	396	EC	0		OTC	NCN05
R1-0177	NorthCare	396	NorthCare	396	EC	0		OTC	NCN05
R1-0180	NorthCare	396	NorthCare	396	EC	0		OTC	NCN05
R1-0182	NorthCare	396	NorthCare	396	EC	0		OTC	NCN05
R1-0205	NorthCare	396	NorthCare	396	EC	0		OTC	NCN02
R1-0213	NorthCare	396	NorthCare	396	EC	0		OTC	NCN02
R1-0209	NorthCare	396	NorthCare	396	EC	0		OTC	NCN02
RI-0439	NorthCare	396	NorthCare	396	EC	0		OTC	NCN03
R1-0294	NorthCare	396	NorthCare	396	EC	0		OTC	NCN03
R1-0300	NorthCare	396	NorthCare	396	EC	0		OTC	NCN03
R1-0322	NorthCare	396	NorthCare	396	EC	0		OTC	NCN04
R1-0328	NorthCare	396	NorthCare	396	EC	0		OTC	NCN04
R1-0340	NorthCare	396	NorthCare	396	EC	1		OTC	NCN01
R1-0350	NorthCare	396	NorthCare	396	I3			OTC	NCN01
R1-0355	NorthCare	396	NorthCare	396	EC	0		OTC	NCN01
R1-0367	NorthCare	396	NorthCare	396	EC	0		OTC	NCN01
R1-0381	NorthCare	396	NorthCare	396	EC	0		OTC	NCN05
R1-0384	NorthCare	396	NorthCare	396	EC	0		OTC	NCN10
R1-0396	NorthCare	396	NorthCare	396	EC	1		OTC	NCN09
R1-0400	NorthCare	396	NorthCare	396	EC	0		OTC	NCN10

R2-0027	NMRE	701	NMRE	701	EC	0	OTC	NMR03
R2-0730	NMRE	701	NMRE	701	EC	1	OTC	NMR03
R2-0058	NMRE	701	NMRE	701	EC	0	OTC	NMR04
R2-0082	NMRE	701	NMRE	701	EC	0	OTC	NMR03
R2-0088	NMRE	701	NMRE	701	EC	0	OTC	NMR03
R2-0173	NMRE	701	NMRE	701	EC	0	OTC	NMR03
R2-0174	NMRE	701	NMRE	701	EC	0	OTC	NMR03
R2-0179	NMRE	701	NMRE	701	EC	0	OTC	NMR02
R2-0229	NMRE	701	NMRE	701	EC	0	OTC	NMR04
R2-0238	NMRE	701	NMRE	701	EC	0	OTC	NMR04
R2-0261	NMRE	701	NMRE	701	EC	0	OTC	NMR02
R2-0264	NMRE	701	NMRE	701	EC	1	OTC	NMR02
R2-0275	NMRE	701	NMRE	701	EC	0	OTC	NMR02
R2-0281	NMRE	701	NMRE	701	EC	0	OTC	NMR02
R2-0283	NMRE	701	NMRE	701	I2		OTC	NMR02
R2-0295	NMRE	701	NMRE	701	EC	0	OTC	NMR02
R2-0304	NMRE	701	NMRE	701	EC	0	OTC	NMR02
R2-0749	NMRE	701	NMRE	701	EC	0	OTC	NMR02
R2-0341	NMRE	701	NMRE	701	EC	0	OTC	NMR01
R2-0446	NMRE	701	NMRE	701	EC	0	OTC	NMR02
R2-0454	NMRE	701	NMRE	701	EC	0	OTC	NMR02
R2-0468	NMRE	701	NMRE	701	EC	0	OTC	NMR02
R2-0471	NMRE	701	NMRE	701	EC	0	OTC	NMR02
R2-0487	NMRE	701	NMRE	701	EC	0	OTC	NMR03
R2-0772	NMRE	701	NMRE	701	EC	0	OTC	NMR03
R2-0499	NMRE	701	NMRE	701	EC	0	OTC	NMR01
R2-0505	NMRE	701	NMRE	701	EC	0	OTC	NMR01
R2-0590	NMRE	701	NMRE	701	EC	0	OTC	NMR03
R2-0596	NMRE	701	NMRE	701	EC	1	OTC	NMR03
R2-0619	NMRE	701	NMRE	701	EC	0	OTC	NMR02
R2-0628	NMRE	701	NMRE	701	EC	0	OTC	NMR02
R2-0795	NMRE	701	NMRE	701	I4		OTC	NMR02
R2-0797	NMRE	701	NMRE	701	EC	0	OTC	NMR03
R3-0074	Lakeshore	905	Lakeshore	905	EC	0	OTC	LRE04
R3-0073	Lakeshore	905	Lakeshore	905	EC	0	OTC	LRE04
R3-0070	Lakeshore	905	Lakeshore	905	EC	0	OTC	LRE04
R3-0032	Lakeshore	905	Lakeshore	905	EC	0	OTC	LRE04
R3-0028	Lakeshore	905	Lakeshore	905	EC	0	OTC	LRE04
R3-0025	Lakeshore	905	Lakeshore	905	EC	0	OTC	LRE04
R3-0673	Lakeshore	905	Lakeshore	905	EC	0	OTC	LRE02
R3-0627	Lakeshore	905	Lakeshore	905	EC	0	OTC	LRE03
R3-0883	Lakeshore	905	Lakeshore	905	EC	0	OTC	LRE03
R3-0882	Lakeshore	905	Lakeshore	905	EC	0	OTC	LRE03
R3-0638	Lakeshore	905	Lakeshore	905	EC	0	OTC	LRE03
R3-0859	Lakeshore	905	Lakeshore	905	EC	0	OTC	LRE03
R3-0967	Lakeshore	905	Lakeshore	905	EC	0	OTC	LRE03
R3-0904	Lakeshore	905	Lakeshore	905	EC	0	OTC	LRE03

R3-0133	Lakeshore 905	Lakeshore 905	EC	0	OTC	LRE07
R3-0153	Lakeshore 905	Lakeshore 905	EC	0	OTC	LRE07
R3-0477	Lakeshore 905	Lakeshore 905	EC	0	OTC	LRE05
R3-0481	Lakeshore 905	Lakeshore 905	EC	0	OTC	LRE07
R3-0983	Lakeshore 905	Lakeshore 905	EC	0	OTC	LRE06
R3-1008	Lakeshore 905	Lakeshore 905	EC	0	OTC	LRE06
R3-0389	Lakeshore 905	Lakeshore 905	EC	0	OTC	LRE06
R3-0104	Lakeshore 905	Lakeshore 905	EC	0	OTC	LRE06
R3-0514	Lakeshore 905	Lakeshore 905	EC	0	OTC	LRE07
R3-0428	Lakeshore 905	Lakeshore 905	EC	0	OTC	LRE06
R3-0513	Lakeshore 905	Lakeshore 905	EC	1	OTC	LRE07
R3-0255	Lakeshore 905	Lakeshore 905	EC	0	OTC	LRE06
R3-0189	Lakeshore 905	Lakeshore 905	EC	1	OTC	LRE06
R3-0185	Lakeshore 905	Lakeshore 905	EC	1	OTC	LRE07
R3-0899	Lakeshore 905	Lakeshore 905	I1		OTC	LRE06
R3-1022	Lakeshore 905	Lakeshore 905	I7		OTC	LRE07
R3-0109	Lakeshore 905	Lakeshore 905	EC	0	OTC	LRE07
R3-0414	Lakeshore 905	Lakeshore 905	EC	1	OTC	LRE07
R3-0121	Lakeshore 905	Lakeshore 905	EC	0	OTC	LRE07
R3-0996	Lakeshore 905	Lakeshore 905	EC	0	OTC	LRE08
R3-0705	Lakeshore 905	Lakeshore 905	EC	0	OTC	LRE08
R3-0708	Lakeshore 905	Lakeshore 905	EC	0	OTC	LRE01
R3-0814	Lakeshore 905	Lakeshore 905	EC	0	OTC	LRE01
R3-0721	Lakeshore 905	Lakeshore 905	EC	0	OTC	LRE01
R3-0873	Lakeshore 905	Lakeshore 905	EC	0	OTC	LRE01
R3-0945	Lakeshore 905	Lakeshore 905	EC	0	OTC	LRE01
R3-0753	Lakeshore 905	Lakeshore 905	EC	0	OTC	LRE01
R3-0784	Lakeshore 905	Lakeshore 905	EC	0	OTC	LRE01
R3-0798	Lakeshore 905	Lakeshore 905	EC	0	OTC	LRE01
R4-0012	Southwest 764	Southwest 764	EC	0	OTC	SWM11
R4-0016	Southwest 764	Southwest 764	I3		OTC	SWM11
R4-0025	Southwest 764	Southwest 764	EC	0	OTC	SWM12
R4-0041	Southwest 764	Southwest 764	EC	0	OTC	SWM11
R4-0050	Southwest 764	Southwest 764	EC	0	OTC	SWM12
Re-0087	Southwest 764	Southwest 764	EC	0	OTC	SWM21
R4-0115	Southwest 764	Southwest 764	EC	0	OTC	SWM22
R4-0118	Southwest 764	Southwest 764	EC	0	OTC	SWM21
R4-0187	Southwest 764	Southwest 764	EC	0	OTC	SWM22
R4-0189	Southwest 764	Southwest 764	EC	0	OTC	SWM21
R4-0201	Southwest 764	Southwest 764	EC	0	OTC	SWM21
R4-0220	Southwest 764	Southwest 764	EC	0	OTC	SWM22
R4-0222	Southwest 764	Southwest 764	EC	0	OTC	SWM21
R4-0248	Southwest 764	Southwest 764	EC	0	OTC	SWM22
R4-0253	Southwest 764	Southwest 764	EC	1	OTC	SWM31
R4-0288	Southwest 764	Southwest 764	EC	1	OTC	SWM31
R4-0313	Southwest 764	Southwest 764	EC	0	OTC	SWM41
R4-0331	Southwest 764	Southwest 764	EC	0	OTC	SWM42

R4-0343	Southwest 764	Southwest 764	EC	0	OTC	SWM43
R4-0347	Southwest 764	Southwest 764	EC	0	OTC	SWM42
R4-0402	Southwest 764	Southwest 764	EC	0	OTC	SWM42
R4-0815	Southwest 764	Southwest 764	EC	0	OTC	SWM42
R4-0822	Southwest 764	Southwest 764	EC	0	OTC	SWM41
R4-0862	Southwest 764	Southwest 764	EC	0	OTC	SWM41
R4-0446	Southwest 764	Southwest 764	EC	0	OTC	SWM51
R4-0519	Southwest 764	Southwest 764	EC	0	OTC	SWM61
R4-0520	Southwest 764	Southwest 764	EC	0	OTC	SWM61
R4-0523	Southwest 764	Southwest 764	EC	1	OTC	SWM61
R4-0580	Southwest 764	Southwest 764	EC	0	OTC	SWM61
R4-0600	Southwest 764	Southwest 764	EC	0	OTC	SWM62
R4-0620	Southwest 764	Southwest 764	EC	0	OTC	SWM62
R4-0624	Southwest 764	Southwest 764	EC	0	OTC	SWM62
R4-0683	Southwest 764	Southwest 764	EC	0	OTC	SWM71
R4-0685	Southwest 764	Southwest 764	EC	1	OTC	SWM71
R4-0690	Southwest 764	Southwest 764	EC	0	OTC	SWM72
R4-0736	Southwest 764	Southwest 764	EC	0	OTC	SWM81
R5-1326	Mid-State 1609	Mid-State 1609	EC	0	OTC	MHN01
R5-1312	Mid-State 1609	Mid-State 1609	EC	0	OTC	MHN01
R5-0125	Mid-State 1609	Mid-State 1609	EC	0	OTC	MHN03
R5-0119	Mid-State 1609	Mid-State 1609	EC	1	OTC	MHN03
R5-0082	Mid-State 1609	Mid-State 1609	EC	0	OTC	MHN03
R5-0056	Mid-State 1609	Mid-State 1609	EC	0	OTC	MHN03
R5-0093	Mid-State 1609	Mid-State 1609	EC	1	OTC	MHN03
R5-0151	Mid-State 1609	Mid-State 1609	EC	0	OTC	MHN05
R5-0156	Mid-State 1609	Mid-State 1609	EC	0	OTC	MHN05
R5-0510	Mid-State 1609	Mid-State 1609	EC	0	OTC	MHN06
R5-0523	Mid-State 1609	Mid-State 1609	EC	0	OTC	MHN06
R5-0421	Mid-State 1609	Mid-State 1609	EC	0	OTC	MHN08
R5-0407	Mid-State 1609	Mid-State 1609	EC	0	OTC	MHN08
R5-0406	Mid-State 1609	Mid-State 1609	EC	0	OTC	MHN08
R5-0015	Mid-State 1609	Mid-State 1609	EC	0	OTC	MHN10
R5-0854	Mid-State 1609	Mid-State 1609	EC	0	OTC	MHN12
R5-1283	Mid-State 1609	Mid-State 1609	EC	0	OTC	MHN14
R5-1226	Mid-State 1609	Mid-State 1609	EC	0	OTC	MHN14
R5-0264	Mid-State 1609	Mid-State 1609	EC	0	OTC	MHN16
R5-0307	Mid-State 1609	Mid-State 1609	EC	1	OTC	MHN16
R5-0308	Mid-State 1609	Mid-State 1609	EC	0	OTC	MHN16
R5-0313	Mid-State 1609	Mid-State 1609	EC	0	OTC	MHN16
R5-0338	Mid-State 1609	Mid-State 1609	EC	0	OTC	MHN16
R5-1747	Mid-State 1609	Mid-State 1609	EC	0	OTC	MHN16
R5-0316	Mid-State 1609	Mid-State 1609	EC	0	OTC	MHN16
R5-0350	Mid-State 1609	Mid-State 1609	EC	0	OTC	MHN16
R5-1564	Mid-State 1609	Mid-State 1609	EC	0	OTC	MHN18
R5-1563	Mid-State 1609	Mid-State 1609	EC	0	OTC	MHN18
R5-1580	Mid-State 1609	Mid-State 1609	EC	0	OTC	MHN18



R5-1601	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN18
R5-1657	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN20
R5-1034	Mid-State	1609	Mid-State	1609	EC	1	OTC	MHN22
R5-0961	Mid-State	1609	Mid-State	1609	EC	1	OTC	MHN22
R5-1012	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN22
R5-0965	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN22
R5-1060	Mid-State	1609	Mid-State	1609	EC	1	OTC	MHN22
R5-1047	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN22
R5-1020	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN22
R5-0989	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN22
R5-1079	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN24
R5-1080	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN24
R5-0936	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN24
R5-0719	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN26
R5-0668	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN28
R5-0708	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN28
R5-1705	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN28
R5-1783	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN28
R5-0800	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN28
R5-0601	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN28
R5-0617	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN28
R5-0697	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN28
R5-0664	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN28
R5-1703	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN28
R5-0570	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN26
R5-0582	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN26
R5-0785	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN26
R5-1125	Mid-State	1609	Mid-State	1609	EC	1	OTC	MHN30
R5-0868	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN32
R5-0871	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN30
R5-0912	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN32
R5-0169	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN30
R5-0162	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN32
R5-0195	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN30
R5-0196	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN32
R5-1193	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN34
R5-1178	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN34
R5-1133	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN34
R5-1484	Mid-State	1609	Mid-State	1609	EC	1	OTC	MHN36
R5-1528	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN36
R5-1813	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN36
R5-1446	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN36
R5-1444	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN36
R5-1476	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN36
R5-1438	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN36
R5-1429	Mid-State	1609	Mid-State	1609	EC	0	OTC	MHN36
R5-1520	Mid-State	1609	Mid-State	1609	EC	1	OTC	MHN36

R6-0271	Southeast	558	Southeast	558	EC	1	OTC	PSE43
R6-0598	Southeast	558	Southeast	558	EC	1	OTC	PSE21
R6-0230	Southeast	558	Southeast	558	EC	0	OTC	PSE46
R6-0307	Southeast	558	Southeast	558	EC	0	OTC	PSE43
R6-0311	Southeast	558	Southeast	558	EC	0	OTC	PSE46
R6-0328	Southeast	558	Southeast	558	EC	0	OTC	PSE46
R6-0215	Southeast	558	Southeast	558	EC	0	OTC	PSE43
R6-0096	Southeast	558	Southeast	558	EC	0	OTC	PSE23
R6-0118	Southeast	558	Southeast	558	EC	0	OTC	PSE21
R6-0110	Southeast	558	Southeast	558	EC	0	OTC	PSE23
R6-0567	Southeast	558	Southeast	558	EC	0	OTC	PSE21
R6-0127	Southeast	558	Southeast	558	EC	0	OTC	PSE23
R6-0602	Southeast	558	Southeast	558	EC	0	OTC	PSE23
R6-0599	Southeast	558	Southeast	558	EC	0	OTC	PSE21
R6-0103	Southeast	558	Southeast	558	EC	0	OTC	PSE23
R6-0561	Southeast	558	Southeast	558	EC	0	OTC	PSE23
R6-0431	Southeast	558	Southeast	558	EC	0	OTC	PSE27
R6-0454	Southeast	558	Southeast	558	EC	0	OTC	PSE23
R6-0482	Southeast	558	Southeast	558	EC	0	OTC	PSE27
R6-0525	Southeast	558	Southeast	558	EC	0	OTC	PSE23
R6-0516	Southeast	558	Southeast	558	EC	0	OTC	PSE27
R6-0489	Southeast	558	Southeast	558	EC	0	OTC	PSE23
R6-0553	Southeast	558	Southeast	558	EC	0	OTC	PSE27
R6-0514	Southeast	558	Southeast	558	EC	0	OTC	PSE23
R6-0538	Southeast	558	Southeast	558	EC	0	OTC	PSE27
R6-0338	Southeast	558	Southeast	558	EC	0	OTC	PSE23
R6-0005	Southeast	558	Southeast	558	EC	0	OTC	PSE-02
R6-0007	Southeast	558	Southeast	558	EC	0	OTC	PSE-01
R6-0010	Southeast	558	Southeast	558	EC	0	OTC	PSE-02
R6-0070	Southeast	558	Southeast	558	EC	0	OTC	PSE-01
R7-2027	DetWayne	1716	DetWayne	1716	EC	0	OTC	DWC25
R7-1761	DetWayne	1716	DetWayne	1716	EC	0	OTC	DWC25
R7-1283	DetWayne	1716	DetWayne	1716	EC	0	OTC	DWC25
R7-1249	DetWayne	1716	DetWayne	1716	EC	0	OTC	DWC25
R7-0083	DetWayne	1716	DetWayne	1716	EC	1	OTC	DWC25
R7-1760	DetWayne	1716	DetWayne	1716	EC	1	OTC	DWC25
R7-1771	DetWayne	1716	DetWayne	1716	EC	0	OTC	DWC25
R7-0721	DetWayne	1716	DetWayne	1716	EC	1	OTC	DWC71
R7-0611	DetWayne	1716	DetWayne	1716	EC	0	OTC	DWC71
R7-0752	DetWayne	1716	DetWayne	1716	EC	0	OTC	DWC71
R7-0657	DetWayne	1716	DetWayne	1716	EC	0	OTC	DWC71
R7-1207	DetWayne	1716	DetWayne	1716	EC	0	OTC	DWC71
R7-0430	DetWayne	1716	DetWayne	1716	EC	1	OTC	DWC71
R7-2111	DetWayne	1716	DetWayne	1716	EC	0	OTC	DWC71
R7-2142	DetWayne	1716	DetWayne	1716	EC	0	OTC	DWC71
R7-0661	DetWayne	1716	DetWayne	1716	EC	0	OTC	DWC71
R7-2085	DetWayne	1716	DetWayne	1716	EC	0	OTC	DWC72

R7-0858	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC72
R7-1137	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC72
R7-0916	DetWayne 1716	DetWayne 1716	I1		OTC	DWC72
R7-0887	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC72
R7-0400	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC72
R7-0992	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC73
R7-0366	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC73
R7-0547	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC72
R7-0385	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC72
R7-0413	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC72
R7-2086	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC73
R7-1170	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC73
R7-1850	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC26
R7-1817	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC26
R7-1427	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC26
R7-1789	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC27
R7-1842	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC69
R7-0201	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC74
R7-0206	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC45
R7-0148	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC74
R7-1687	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC25
R7-0012	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC25
R7-0052	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC19
R7-1272	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC19
R7-1970	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC19
R7-1900	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC19
R7-1956	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC19
R7-1894	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC19
R7-1912	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC19
R7-1269	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC19
R7-1280	DetWayne 1716	DetWayne 1716	EC	1	OTC	DWC19
R7-1966	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC19
R7-1923	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC19
R7-1516	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC19
R7-1447	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC19
R7-1499	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC19
R7-1653	DetWayne 1716	DetWayne 1716	EC	1	OTC	DWC19
R7-1589	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC19
R7-0132	DetWayne 1716	DetWayne 1716	I1		OTC	DWC19
R7-1898	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC19
R7-1310	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC10
R7-1336	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC10
R7-1327	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC10
R7-1325	DetWayne 1716	DetWayne 1716	I5		OTC	DWC10
R7-1286	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC10
R7-1304	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC10
R7-1377	DetWayne 1716	DetWayne 1716	EC	0	OTC	DWC19

R7-2084	DetWayne	1716	DetWayne	1716	EC	0	OTC	DWC72
R7-2176	DetWayne	1716	DetWayne	1716	EC	0	OTC	DWC72
R7-1004	DetWayne	1716	DetWayne	1716	EC	0	OTC	DWC72
R7-0926	DetWayne	1716	DetWayne	1716	EC	0	OTC	DWC72
R7-1095	DetWayne	1716	DetWayne	1716	EC	0	OTC	DWC72
R7-2195	DetWayne	1716	DetWayne	1716	EC	0	OTC	DWC72
R7-0773	DetWayne	1716	DetWayne	1716	EC	0	OTC	DWC72
R7-0359	DetWayne	1716	DetWayne	1716	EC	0	OTC	DWC72
R7-0574	DetWayne	1716	DetWayne	1716	EC	0	OTC	DWC72
R7-0472	DetWayne	1716	DetWayne	1716	EC	0	OTC	DWC72
R7-0669	DetWayne	1716	DetWayne	1716	EC	1	OTC	DWC73
R7-0781	DetWayne	1716	DetWayne	1716	EC	1	OTC	DWC73
R7-2189	DetWayne	1716	DetWayne	1716	I5		OTC	DWC73
R7-0950	DetWayne	1716	DetWayne	1716	EC	1	OTC	DWC73
R7-2075	DetWayne	1716	DetWayne	1716	EC	1	OTC	DWC73
R7-0520	DetWayne	1716	DetWayne	1716	EC	0	OTC	DWC73
R8-0005	Oakland	788	Oakland	788	EC	0	OTC	OCC22
R8-0058	Oakland	788	Oakland	788	EC	1	OTC	OCC33
R8-0095	Oakland	788	Oakland	788	EC	0	OTC	OCC22
R8-0107	Oakland	788	Oakland	788	EC	0	OTC	OCC99
R8-0146	Oakland	788	Oakland	788	EC	0	OTC	OCC44
R8-0155	Oakland	788	Oakland	788	EC	0	OTC	OCC44
R8-0157	Oakland	788	Oakland	788	EC	1	OTC	OCC44
R8-0267	Oakland	788	Oakland	788	EC	0	OTC	OCC77
R8-0291	Oakland	788	Oakland	788	EC	0	OTC	OCC33
R8-0301	Oakland	788	Oakland	788	EC	0	OTC	OCC33
R8-0342	Oakland	788	Oakland	788	I3		OTC	OCC33
R8-0370	Oakland	788	Oakland	788	EC	0	OTC	OCC77
R8-0386	Oakland	788	Oakland	788	EC	0	OTC	OCC22
R8-0406	Oakland	788	Oakland	788	EC	0	OTC	OCC22
R8-0451	Oakland	788	Oakland	788	EC	0	OTC	OCC22
R8-0478	Oakland	788	Oakland	788	EC	0	OTC	OCC77
R8-0498	Oakland	788	Oakland	788	EC	0	OTC	OCC77
R8-0514	Oakland	788	Oakland	788	EC	0	OTC	OCC99
R8-0516	Oakland	788	Oakland	788	EC	0	OTC	OCC99
R8-0518	Oakland	788	Oakland	788	EC	0	OTC	OCC99
R8-0528	Oakland	788	Oakland	788	EC	0	OTC	OCC33
R8-0579	Oakland	788	Oakland	788	EC	0	OTC	OCC44
R8-0592	Oakland	788	Oakland	788	EC	0	OTC	OCC33
R8-0597	Oakland	788	Oakland	788	EC	1	OTC	OCC44
R8-0612	Oakland	788	Oakland	788	EC	0	OTC	OCC44
R8-0614	Oakland	788	Oakland	788	EC	0	OTC	OCC44
R8-0682	Oakland	788	Oakland	788	EC	0	OTC	OCC22
R8-0706	Oakland	788	Oakland	788	EC	0	OTC	OCC88
R8-0723	Oakland	788	Oakland	788	EC	0	OTC	OCC22
R8-0733	Oakland	788	Oakland	788	EC	0	OTC	OCC88
R8-0742	Oakland	788	Oakland	788	EC	0	OTC	OCC22

R8-0753	Oakland	788	Oakland	788	EC	0	OTC	OCC22
R8-0786	Oakland	788	Oakland	788	N2		OTC	OCC88
R8-0820	Oakland	788	Oakland	788	EC	0	OTC	OCC77
R8-0821	Oakland	788	Oakland	788	EC	0	OTC	OCC44
R8-0859	Oakland	788	Oakland	788	EC	0	OTC	OCC22
R8-0874	Oakland	788	Oakland	788	EC	0	OTC	OCC77
R8-0877	Oakland	788	Oakland	788	EC	0	OTC	OCC99
R9-0007	Macomb	716	Macomb	716	EC	1	OTC	MCC03
R9-0640	Macomb	716	Macomb	716	EC	0	OTC	MCC03
R9-0314	Macomb	716	Macomb	716	EC	0	OTC	MCC02
R9-0034	Macomb	716	Macomb	716	EC	0	OTC	MCC02
R9-0090	Macomb	716	Macomb	716	EC	0	OTC	MCC01
R9-0778	Macomb	716	Macomb	716	EC	1	OTC	MCC04
R9-0681	Macomb	716	Macomb	716	EC	0	OTC	MCC03
R9-0814	Macomb	716	Macomb	716	I3		OTC	MCC02
R9-0047	Macomb	716	Macomb	716	EC	0	OTC	MCC02
R9-0687	Macomb	716	Macomb	716	EC	0	OTC	MCC04
R9-0418	Macomb	716	Macomb	716	EC	0	OTC	MCC01
R9-0473	Macomb	716	Macomb	716	EC	0	OTC	MCC04
R9-0748	Macomb	716	Macomb	716	EC	0	OTC	MCC03
R9-0214	Macomb	716	Macomb	716	EC	0	OTC	MCC01
R9-0344	Macomb	716	Macomb	716	EC	0	OTC	MCC04
R9-0147	Macomb	716	Macomb	716	I1		OTC	MCC04
R9-0483	Macomb	716	Macomb	716	EC	0	OTC	MCC02
R9-0052	Macomb	716	Macomb	716	EC	1	OTC	MCC01
R9-0452	Macomb	716	Macomb	716	EC	0	OTC	MCC01
R9-0453	Macomb	716	Macomb	716	EC	0	OTC	MCC04
R9-0690	Macomb	716	Macomb	716	EC	0	OTC	MCC04
R9-0304	Macomb	716	Macomb	716	EC	0	OTC	MCC01
R9-0311	Macomb	716	Macomb	716	EC	0	OTC	MCC01
R9-0300	Macomb	716	Macomb	716	EC	0	OTC	MCC02
R9-0412	Macomb	716	Macomb	716	I2		OTC	MCC03
R9-0182	Macomb	716	Macomb	716	EC	0	OTC	MCC03
R9-0361	Macomb	716	Macomb	716	EC	0	OTC	MCC04
R9-0086	Macomb	716	Macomb	716	EC	1	OTC	MCC03
R9-0498	Macomb	716	Macomb	716	EC	0	OTC	MCC03
R9-0754	Macomb	716	Macomb	716	EC	0	OTC	MCC02
R9-0024	Macomb	716	Macomb	716	EC	0	OTC	MCC01
R9-0195	Macomb	716	Macomb	716	EC	0	OTC	MCC03
R9-0107	Macomb	716	Macomb	716	EC	0	OTC	MCC02
R9-0780	Macomb	716	Macomb	716	EC	1	OTC	MCC04
R10-0223	Region10	716	Region10	716	EC	0	OTC	RHP40
R10-0442	Region10	716	Region10	716	EC	0	OTC	RHP40
R10-0289	Region10	716	Region10	716	EC	0	OTC	RHP40
R10-0119	Region10	716	Region10	716	EC	1	OTC	RHP40
R10-0314	Region10	716	Region10	716	EC	0	OTC	RHP41
R10-0159	Region10	716	Region10	716	EC	0	OTC	RHP41

R10-0349	Region10	716	Region10	716	EC	0	OTC	RHP40
R10-0125	Region10	716	Region10	716	EC	0	OTC	RHP40
R10-0216	Region10	716	Region10	716	EC	0	OTC	RHP40
R10-0163	Region10	716	Region10	716	EC	0	OTC	RHP40
R10-0145	Region10	716	Region10	716	EC	0	OTC	RHP41
R10-0395	Region10	716	Region10	716	EC	0	OTC	RHP41
R10-0263	Region10	716	Region10	716	EC	0	OTC	RHP41
R10-0227	Region10	716	Region10	716	EC	0	OTC	RHP41
R10-0781	Region10	716	Region10	716	EC	0	OTC	RHP41
R10-0449	Region10	716	Region10	716	EC	0	OTC	RHP41
R10-0773	Region10	716	Region10	716	EC	0	OTC	RHP41
R10-0186	Region10	716	Region10	716	EC	0	OTC	RHP40
R10-0117	Region10	716	Region10	716	EC	0	OTC	RHP41
R10-0408	Region10	716	Region10	716	EC	0	OTC	RHP42
R10-0111	Region10	716	Region10	716	EC	0	OTC	RHP42
R10-0201	Region10	716	Region10	716	EC	0	OTC	RHP42
R10-0533	Region10	716	Region10	716	EC	0	OTC	RHP30
R10-0485	Region10	716	Region10	716	EC	0	OTC	RHP30
R10-0488	Region10	716	Region10	716	EC	0	OTC	RHP30
R10-0492	Region10	716	Region10	716	EC	0	OTC	RHP30
R10-0466	Region10	716	Region10	716	EC	0	OTC	RHP30
R10-0493	Region10	716	Region10	716	EC	0	OTC	RHP30
R10-0528	Region10	716	Region10	716	EC	0	OTC	RHP30
R10-0505	Region10	716	Region10	716	EC	0	OTC	RHP30
R10-0700	Region10	716	Region10	716	EC	0	OTC	RHP20
R10-0795	Region10	716	Region10	716	EC	0	OTC	RHP20
R10-0681	Region10	716	Region10	716	EC	0	OTC	RHP21
R10-0722	Region10	716	Region10	716	EC	0	OTC	PHP21

Type of  
Product  
(Cigarette  
s (1),  
Small  
Cigars/Cig  
arillos (2),

Smokeless  
Tobacco  
(3),  
ENDS (4),

	Youth Insp	Youth Insp	VM Frame	Other (5))	Retail Outk	Clerk asked Youth Inspector for ID (Y=yes, N=r
F	16	3	1	1	Y	
M	16	3	1	3	Y	
M	17	3	3	1	Y	
F	17	3	1	7	N	
F	17	3	1	7	Y	
F	16	3	1	5	Y	
F	16	3	1	5	Y	
M	16	3	1	1	Y	
F	16	3	1	1	Y	
F	16	3	1	1	Y	
F	16	3	1	7	Y	
F	16	3	1	1	Y	
F	16	3	1	1	Y	
F	16	3	1	5	Y	
M	16	3	1	1	Y	
M	16	3	1	1	Y	
M	16	3	1	7	Y	
F	17	3	1	7	Y	
F	17	3	1	1	Y	
F	17	3	1	7	Y	
M	17	3	1	1	Y	
M	17	3	1	5	Y	
F	16	3	1	1	N	
F	16	3		2		
F	16	3	1	3	Y	
F	16	3	1	3	Y	
F	16	3	1	7	Y	
M	16	3	1	3	Y	
F	16	3	1	7	N	
M	16	3	1	5	Y	





F	17	0	1	7	Y
F	17	0	1	7	Y
M	17	0	1	5	Y
F	17	0	1	2	Y
M	17	0	3	1	Y
M	17	0	1	7	Y
M	17	0	1	1	Y
M	17	0	1	7	Y
F	17	0	1	7	Y
M	17	0	5	1	Y
F	17	0	1	7	N
M	17	0	1	7	Y
M	17	0	1	1	N
F	17	0	1	1	N
M	17	0		1	
F	17	0		7	
F	17	0	1	5	Y
F	17	0	1	7	N
F	17	0	1	1	Y
F	16	0	1	7	Y
F	16	0	1	7	Y
M	17	0	2	1	Y
M	17	0	1	7	Y
M	17	0	1	6	Y
M	17	0	2	2	Y
M	17	0	2	2	Y
M	17	0	2	1	Y
M	17	0	2	7	Y
M	17	0	1	6	Y
M	17	1	1	7	Y
M	17	1		2	
F	17	1	1	1	Y
M	17	1	1	7	Y
F	17	1	1	1	Y
F	17	1	1	7	Y
M	16	1	1	1	Y
F	17	1	1	7	Y
M	16	1	1	7	Y
F	17	1	1	1	Y
F	17	1	1	5	Y
M	16	1	1	7	Y
F	17	1	1	7	Y
M	16	1	1	1	Y
M	17	1	1	7	N
M	17	1	1	7	N
M	16	1	1	1	Y
F	16	1	1	7	Y

M	16	1	1	7	Y
F	16	1	1	1	Y
F	16	1	1	6	Y
F	16	1	1	7	Y
M	16	1	1	1	Y
M	16	1	1	7	Y
F	16	1	1	7	Y
F	17	1	1	7	Y
F	17	1	1	1	Y
F	17	1	1	1	Y
F	17	1	1	1	Y
M	17	1	1	6	Y
M	17	1	1	7	Y
M	17	1	1	7	Y
F	17	1	1	6	Y
F	17	1	1	7	Y
M	17	1	1	7	Y
M	16	1	1	7	Y
F	17	3	1	1	Y
F	17	3	1	1	Y
M	16	3	1	1	Y
M	16	3	1	7	N
M	16	3	1	7	Y
M	16	3	1	1	Y
M	16	3	1	5	Y
F	17	3	1	1	Y
F	17	3	1	5	Y
F	16	3	1	7	Y
F	16	3	1	7	Y
M	17	3	1	7	Y
M	17	3	1	6	Y
M	17	3	1	7	Y
F	16	3	1	7	Y
M	17	3	1	1	Y
M	17	3	1	7	Y
M	17	3	1	1	Y
F	17	3	1	1	Y
F	17	3	1	7	Y
F	17	3	1	7	Y
F	17	3	1	6	Y
F	17	3	1	1	Y
F	17	3	1	7	Y
F	17	3	1	1	Y
F	17	3	1	1	Y
F	16	3	1	7	Y
F	16	3	1	1	Y
F	16	3	1	1	Y

F	16	3	1	1	Y
F	17	3	1	7	Y
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M	17	1	1	2	Y
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F	17	1	1	1	Y



10)