ANNUAL SYNAR REPORT

42 U.S.C. 300x-26

OMB № 0930-0222

FFY 2020

State: Michigan

Table of Contents

Introduction i

FFY 2020: Funding Agreements/Certifications 1

Section I: FFY 2019 (Compliance Progress) 2

Section II: FFY 2020 (Intended Use) 11

Appendix A: Forms 1–5 Templates 13

Appendixes B & C: Forms 20

Appendix B: Synar Survey Sampling Methodology 21

Appendix C: Synar Survey Inspection Protocol Summary 25

Appendix D: List Sampling Frame Coverage Study 28

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INTRODUCTION

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

How the Synar report helps the Center for Substance Abuse Prevention

In accordance with the tobacco regulations, states are required to provide detailed information on progress made in enforcing youth tobacco access laws (FFY 2019 Compliance Progress) and future plans to ensure compliance with the Synar requirements to reduce youth tobacco access rates (FFY 2020 Intended Use Plan). These data are required by 42 U.S.C. 300x-26 and will be used by the Secretary to evaluate state compliance with the statute. The information to be reported is public (45 CFR 96.130 (f)) and is not confidential. Part of the mission of the Center for Substance Abuse Prevention (CSAP) is to assist states[1] 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.

[1]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, 2019 and must be submitted in the format specified by these instructions**.** Use of the approved format will avoid delays in the review and approval process. The chief executive officer (or an authorized designee) of the applicant organization must sign page one of the ASR certifying that the state has complied with all reporting requirements.

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

- FFY 2020 Synar Survey Results: States that use the Synar Survey Estimation System (SSES) must upload one copy of *SSES Tables 1–8* (in Excel) to WebBGAS. **Please note that, beginning with the FFY 2019 ASR, SSES will generate Tables 6, 7, and 8, which are based on the <u>optional</u> microdata on product type, retail outlet type, and whether identification was requested. If your state does not submit these optional data, Tables 6, 7, and 8 will be blank. Tables 6, 7, and 8 are generated for the convenience of the state, and states are <u>not</u> required to submit completed versions of Tables 6, 7, or 8.** States that do not use SSES must upload one copy of ASR Forms 1, 4, and 5, and Forms 2 and 3, if applicable, (in Excel), as well as a database with the raw inspection data to WebBGAS.
- Synar Inspection Form: States must upload one blank copy of the inspection form used to record the result of each Synar inspection.
- Synar Inspection Protocol: States must upload a copy of the protocol used to train inspection teams on conducting and reporting the results of the Synar inspections. This document should be different than the Appendix C attached to the Annual Synar Report.
- A scanned copy of the signed Funding Agreements/Certifications

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

FFY 2020: FUNDING AGREEMENTS/CERTIFICATIONS

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

PUBLIC HEALTH SERVICES ACT AND SYNAR AMENDMENT
42 U.S.C. 300x-26 requires each state to submit an annual report of its progress in meeting the requirements of the Synar Amendment and its implementing regulation (45 C.F.R. 96.130) to the Secretary of the Department of Health and Human Services. By signing below, the chief executive officer (or an authorized designee) of the applicant organization certifies that the state has complied with these reporting requirements and the certifications as set forth below.
SYNAR SURVEY SAMPLING METHODOLOGY
The state certifies that the Synar survey sampling methodology on file with the Center for Substance Abuse Prevention and submitted with the Annual Synar Report for FFY 2020 is up-to-date and approved by the Center for Substance Abuse Prevention.
SYNAR SURVEY INSPECTION PROTOCOL
The state certifies that the Synar Survey Inspection Protocol on file with the Center for Substance Abuse Prevention and submitted with the Annual Synar Report for FFY 2020 is up-to-date and approved by the Center for Substance Abuse Prevention.
State: Michigan
Name of Chief Executive Officer or Designee: Larry P. Scott
Signature of CEO or Designee:
Title: Director, Office of Recovery Oriented Systems of Care **Date Signed:** 12/10/2019
If signed by a designee, a copy of the designation must be attached.

SECTION I: FFY 2019 (Compliance Progress)

YOUTH ACCESS LAWS, ACTIVITIES, AND ENFORCEMENT

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

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

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

   ☐ **Yes** ☒ **No**

   If Yes, current minimum age: ☐ 19 ☐ 20 ☐ 21 ☐ Other *(Please specify.)*

   _____

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

   ☐ **Yes** ☒ **No**

   If Yes, indicate change. (Check all that apply.)
   ☐ Changed to require that law enforcement conduct inspections of tobacco outlets
   ☐ Changed to make it illegal for youth to possess, purchase or receive tobacco
   ☐ Changed to require ID to purchase tobacco
   ☐ Changed definition of tobacco products
   ☐ Other change(s) *(Please describe.)*_____

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

Licensing of tobacco vendors	☐ **Yes**	☒ **No**
Penalties for sales to minors	☐ **Yes**	☒ **No**
Vending machines	☐ **Yes**	☒ **No**
Added product categories to youth access law	☐ **Yes**	☒ **No**

2. **Describe how the Annual Synar Report** *(see 45 C.F.R. 96.130(e))* **was made public within the state prior to submission of the ASR.** *(Check all that apply.)*

   ☐ Placed on file for public review

   ☒ Posted on a state agency Web site *(Please provide exact Web address and the date when the FFY 2020 ASR was posted to this Web address.)*

   Web address: www.michigan.gov/bhrecovery

   Date published: November 26, 2019

   ☐ Notice published in a newspaper or newsletter

   ☐ Public hearing

☒ Announced in a news release, a press conference, or discussed in a media interview
☐ Distributed for review as part of the SABG application process
☐ Distributed through the public library system
☐ Published in an annual register
☒ Other *(Please describe.)* *Attached to email sent to PIHP regions for review.*

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/Office of Recovery Oriented Systems of Care

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) Responsible for coordinating implementation goals of state's 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. 3) Work collaboratively to host and facilitate Electronic Nicotine Delivery System train-the-trainer sessions.*
☐ 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/Office of Recovery Oriented Systems of Care

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

g. Describe the coordination and collaboration that occur between the agency contracted with the FDA to enforce federal youth tobacco access laws and the agency responsible for oversight of the Synar requirements. *(Check all that apply.)* The two agencies:

☒ Are the same
☐ Have a formal written memorandum of agreement
☐ Have an informal partnership
☐ Conduct joint planning activities
☐ Combine resources
☐ Have other collaborative arrangement(s) *(Please describe.)* _____
☐ No relationship

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

5. **Please answer the following questions regarding the state's activities to enforce the state's youth access to tobacco law(s) in FFY 2019** *(see 42 U.S.C. 300x-26 and 45 C.F.R. 96.130(e)).*

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

    ☐ Enforcement is conducted exclusively by local law enforcement agencies.

    ☐ Enforcement is conducted exclusively by state agency(ies).

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

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

PENALTY	OWNERS	CLERKS	TOTAL
Number of citations issued	N/A	78	78
Number of fines assessed	N/A	30	30
Number of permits/licenses suspended	N/A		N/A
Number of permits/licenses revoked	N/A		N/A
Other *(Please describe.)* *The YTA fines are only levied against the clerk and not the owner. Not all law enforcement agencies report their citations and fines to PIHPs so complete count is unknown.*	N/A	UNK	UNK

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 sends updated birthdate and YTA signs to 100% of retailers on the master retailer list (MRL). As a 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 throughout the year and prior to the month of Synar compliance checks. The minimum follow-up PIHP outreach consists of 26% up to 100% of retailers on their respective MRLs. The average effort was 67% of their lists received vendor education. According to the majority of the Youth Access to Tobacco Activity Reports, Prevention Coordinators advise that visits are prioritized as follows: recent sales, new retail locations or ownership, accessibility to youth, type of business, community complaints and merchant request. Other regional efforts include partnering with coalition members, college students, youth, and law enforcement to conduct education forums, joint presentations, and visit retailer establishments. Visits are primarily conducted or lead by Designated Youth Tobacco Use Representatives (DYTURs) or Prevention Coordinators.

In addition, Michigan offers an online Merchant Education Training which includes several self-paced educational modules with a post test and a state issued certificate of completion for anyone who receives a score of 80% or higher. The Merchant Education Training is ADA compliant and is separated into four, fifteen-minute modules to make it easier to review and understand.

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 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)

Some 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. 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 addition, one region gave out plaques to retailers that complied. Retailers are encouraged to display their certificates, letters, etc. as a reminder of their compliance with the YTA.

One region publishes "thank you" articles in local community papers, newsletters, and social media outlets to merchants who passed a compliance check inspection.

In some regions, the Drug Free Coalitions annually hold an awards breakfast 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. Another region hosted a tobacco act compliance ceremony and invited all retailers who did not sell

to youth during Synar compliance checks. A press release is submitted ahead of time to invite media to these events.

☒ Community education regarding youth access laws

Community YTA education is promoted by DYTURs through coalition meetings, human service collaborative boards, parent groups, school presentations, business groups, press releases, county health departments, town hall meetings, booths at county fairs, health fairs and other community events. A presentation was provided to the Migrant/Seasonal Worker Health Fair, which was an excellent opportunity to reach an underserved population on the topic of youth access to tobacco prevention.

Some counties worked in partnership with a Health Abstinence Education Program and provided tobacco use prevention and youth tobacco act education to area youth as part of the curriculum. Botvin's Lifeskills is also provided in classrooms throughout the region, which addresses youth tobacco education. Other communities discussed their vendor education/compliance check program with parents and asked for their support in talking to stores in their neighborhoods about keeping tobacco out of the hands of youth. One region also provided YTA education to a group of 5th grade students who developed and disseminated a video called " Smoker Busters" to middle school students.

☒ Media use to publicize compliance inspection results

Local media is used to acknowledge retailers who don't sell to minors. Every quarter, some DYTURs write a press release commending the retailers in their area for not selling tobacco to minors. Other press releases include compliance check results, awareness of the Youth Tobacco Act, available resources, and importance of community support for the law. One example of a media release was "Back to School Tobacco Free". Providers also utilized Facebook posts to promote awareness.

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 networking of community coalitions and community partners (local health departments, local substance use disorder coalitions, human service collaborative boards, local law enforcement, school officials, youth groups, Michigan State Police - Tobacco Tax Enforcement Teams, Tobacco Free Michigan, American Cancer Society, and the American Lung Association) who work in conjunction with the DYTURs. 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.)* _____

In Northern Michigan, DYTURs documented YTA support from 20 of the 21 regional prosecuting attorneys. Each year DYTURs garner local prosecutor support through an informational exchange and written documentation of local data. This information and signed letters of support are utilized throughout the year by DYTURs to confirm local support for enforcement of the YTA. In addition, DYTURs engaged 42 law enforcement agencies with letters of support. Law Enforcement participated in Non-Synar Compliance Checks during the fiscal year.

Northern Michigan's youth participation was utilized in many instances to localize the support for YTA and promote guidelines for more secure product placement and product advertising by participating in vendor education activities. The youth held "Spirit Nights" during basketball games to provide education.

Lakeshore Regional Entity DYTUR's send an email and/or a letter to all the retailer 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 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.

Mid-State Health Network's providers held vendor education luncheons and collaborated with law enforcement.

Oakland Community Health Network PIHP continued its practice of collaboration with the Oakland County Sheriff in mailing an educational letter to all tobacco retailers in Oakland County. The letter serves as a reminder of the importance of protecting the children of their communities from lifelong nicotine addiction as well as the financial penalties for non-compliance with the YTA. This year, even though no YTA inspections involved electronic nicotine devices (ENDs), the PIHP included a link to the Food and Drug Administration (FDA) Center for Tobacco Products for retailer education and emphasized it is illegal to sell ENDS to youth under 18 years of age. Information about the Synar Amendment is included with emphasis on the potential loss of a significant portion of SAPT Block Grant funding and the impact on the quality of life in local communities should Michigan 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 2019 *(see 42 U.S.C. 300x-26 and 45 C.F.R. 96.130).*

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

☐ **Yes** ☒ **No**

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

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

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

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

☒ **Yes** ☐ **No**

*If **Yes,** upload a copy of SSES tables 1–8 (in Excel) to WebBGAS. Then go to Question 8. If **No,** continue to Question 7b.*

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

Unweighted RVR _____

Weighted RVR _____

Standard error (s.e.) of the (weighted) RVR _____

Fill in the blanks to calculate the <u>right limit</u> of the right-sided 95% confidence interval.

	+	(1.645	×		)	=
RVR Estimate	**plus**	(1.645	**times**	**Standard Error)**	**equals**	**Right Limit**

Accuracy rate _____

Completion rate _____

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

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

☐ Form 2 (Optional) (See Appendix A: Forms 1–5 Templates) *(Attach completed Form 2.)*

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

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

☐ **Yes** ☐ **No** ☐ **No stratification**

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

f. Was a cluster sample design used?

☐ **Yes** ☐ **No**

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

*If **No,** go to Question 7g.*

Were any certainty primary sampling units selected this year?

☐ **Yes** ☐ **No**

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

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

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

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

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

☒ **Yes** ☐ **No**

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

a. The calendar year of the latest Sampling frame coverage study: 2019

b. Percent coverage from the latest Sampling frame coverage study: 82.5

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: 2022

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 06/01/19 **to** 06/30/19
MM/DD/YY MM/DD/YY

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

76

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

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

SECTION II: FFY 2020 (Intended Use):

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

1. **In the upcoming year, does the state anticipate any changes in:**

Synar sampling methodology	☐ **Yes**	☒ **No**
Synar inspection protocol	☒ **Yes**	☐ **No**

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

2. **Please describe the state's plans to maintain and/or reduce the target rate for Synar inspections to be completed in FFY 2020. Include a brief description of plans for law enforcement efforts to enforce youth tobacco access laws, activities that support law enforcement efforts to enforce youth tobacco access laws, and any anticipated changes in youth tobacco access legislation or regulation in the state.**

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 and vendor education scheduling; 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.)*

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

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

☒ c. 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 to advocate the free

online certificated training that can be used as an affirmative defense should a violation occur.

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

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

A coverage study was completed in 2019 with a Master Retailer List accuracy rate of 82.5%. The next coverage study will be conducted in 2022. Michigan will continue to look for best practices and implement strategies to ensure completeness/accuracy of our list of tobacco outlets.

☐ f. Limited expertise in survey methodology

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

☐ h. Difficulties recruiting youth inspectors

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

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

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

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

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

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.

☒ m. Issues regarding sources of tobacco under tribal jurisdiction

Inspections are not conducted in areas under tribal jurisdiction.

☐ n. Other challenges *(Please list.)*_____

APPENDIX A: FORMS 1–5 TEMPLATES

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

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

Instructions for Completing Form 1: In the top right-hand corner of the **Excel** form, provide the state name and reporting federal fiscal year (FFY 2020). Provide the remaining information by stratum if stratification was used. Make copies of the form if additional rows are needed to list all the strata.

Column 1: *If stratification was used*:

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

If no stratification was used:

1(a) Leave blank.
1(b) Write "state" in the first row (indicates that the whole state is a single stratum).

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

Column 2: 2(a) Report the number of over-the-counter (OTC) outlets in the sampling frame in each stratum.
2(b) Report the number of vending machine (VM) outlets in the sampling frame in each stratum.
2(c) Report the combined total of OTC and VM outlets in the sampling frame in each stratum.

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

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

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

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

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

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

Summary of Synar Inspection Results by Stratum

State: _____

FFY: 2020

(1)		(2)			(3)			(4)			(5)		
STRATUM		NUMBER OF OUTLETS IN SAMPLING FRAME			ESTIMATED NUMBER OF ELIGIBLE OUTLETS IN POPULATION			NUMBER OF OUTLETS INSPECTED			NO. OF OUTLETS FOUND IN VIOLATION DURING INSPECTIONS		
(a) Row #	(b) Stratum Name	(a) Over-the-Counter (OTC)	(b) Vending Machines (VM)	(c) Total Outlets (2a+2b)	(a) Over-the-Counter (OTC)	(b) Vending Machines (VM)	(c) Total Outlets (3a+3b)	(a) Over-the-Counter (OTC)	(b) Vending Machines (VM)	(c) Total Outlets (4a+4b)	(a) Over-the-Counter (OTC)	(b) Vending Machines (VM)	(c) Total Outlets (5a+5b)

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

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

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

Instructions for Completing Form 2: In the top right-hand corner of the **Excel** form, provide the state name and reporting federal fiscal year (FFY 2020).

Column 1: Write in the name of each stratum into which the sample was divided. These should match the strata reported in Column 1(b) of Form 1.

Column 2: Report the number of outlets in the sampling frame in each stratum. These numbers should match the numbers reported for the respective strata in Column 2(c) of Form 1.

Column 3: Report the original sample size (the number of outlets originally selected, *including* substitutes or replacements) for each stratum.

Column 4: Report the number of sample outlets in each stratum that were found to be eligible during the inspections. Note that this number must be less than or equal to the number reported in Column 3 for the respective strata.

Column 5: Report the number of eligible outlets in each stratum for which an inspection was completed. Note that this number must be less than or equal to the number reported in Column 4. These numbers should match the numbers reported in Column 4(c) of Form 1 for the respective strata.

Column 6: Report the number of eligible outlets inspected in each stratum that were found in violation. These numbers should match the numbers reported in Column 5(c) of Form 1 for the stratum.

Column 7: Form 2 (in Excel form) will automatically calculate the stratum RVR for each stratum in this column. This is calculated by dividing the number of inspected eligible outlets found in violation (Column 6) by the number of inspected eligible outlets (Column 5). The state unweighted RVR will be shown in the Total row of Column 7.

Column 8: Form 2 (in Excel form) will automatically calculate the estimated number of eligible outlets in the population for each stratum. This calculation is made by multiplying the number of outlets in the sampling frame (Column 2) times the number of eligible outlets (Column 4) divided by the original sample size (Column 3). Note that these numbers will be less than or equal to the numbers in Column 2.

Column 9: Form 2 (in Excel form) will automatically calculate the relative stratum weight by dividing the estimated number of eligible outlets in the population for each stratum in Column 8 by the Total of the values in Column 8.

Column 10: Form 2 (in Excel form) will automatically calculate each stratum's contribution to the state weighted RVR by multiplying the stratum RVR (Column 7) by the relative stratum weight (Column 9). The weighted RVR for the state will be shown in the Total row of Column 10.

Column 11: Form 2 (in Excel form) automatically calculates the standard error of each stratum's RVR (Column 7). The standard error for the state weighted RVR will be shown in the Total row of Column 11.

TOTAL: For Columns 2–6, Form 2 (in Excel form) provides totals for the state as a whole in the last row of the table. For Columns 7–11, it calculates the respective statistic for the state as a whole.

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

Calculation of Weighted Retailer Violation Rate									**State:**	
									FFY: 2020	
(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
Total										

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 **in Excel** to report information about primary sampling units when a cluster design was used for the Synar survey.

Instructions for Completing Form 3: In the top right-hand corner of the **Excel** form, provide the state name and reporting federal fiscal year (FFY 2020).

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

Column 1: Sequentially number each row.

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

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

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

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

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

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

Summary of Clusters Created and Sampled

State:

FFY: 2020

(1) Row #	(2) Stratum Name	(3) Number of PSUs Created	(4) Number of PSUs Selected	(5) Number of PSUs in the Final Sample
Total				

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

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

Instructions for Completing Form 4: In the top right-hand corner of the **Excel** form, provide the state name and reporting federal fiscal year (FFY 2020).

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

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

Inspection Tallies by Reason of Ineligibility or Noncompletion			
		State:	
		FFY:	2020
(1) INELIGIBLE		**(2) ELIGIBLE**	
Reason for Ineligibility	**(a) Counts**	**Reason for Noncompletion**	**(a) Counts**
Out of business		In operation but closed at time of visit	
Does not sell tobacco products		Unsafe to access	
Inaccessible by youth		Presence of police	
Private club or private residence		Youth inspector knows salesperson	
Temporary closure		Moved to new location	
Unlocatable		Drive-thru only/youth inspector has no driver's license	
Wholesale only/Carton sale only		Tobacco out of stock	
Vending machine broken		Ran out of time	
Duplicate		Other noncompletion reason(s) *(Describe.*)	
Other ineligibility reason(s) *(Describe.)*			
Total		**Total**	

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

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

Instructions for Completing Form 5: In the top right-hand corner of the **Excel** form, provide the state name and reporting federal fiscal year (FFY 2020).

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

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

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

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

APPENDIXES B & C: FORMS

Instructions

Appendix B (Sampling Design) and Appendix C (Inspection Protocol) are to reflect the state's CSAP-approved sampling design and inspection protocol. These appendixes, therefore, should generally describe the design and protocol and, with the exception of Question #10 of Appendix B, are not to be modified with year-specific information. Please note that any changes to either appendix must receive CSAP's advance, written approval. To facilitate the state's completion of this section, simply cut and paste the previously approved sampling design (Appendix B) and inspection protocol (Appendix C) and respond to Question #10 of Appendix B to provide the requested information about sample size calculations for the Synar survey conducted in FFY 2019.

APPENDIX B: SYNAR SURVEY SAMPLING METHODOLOGY

State: Michigan
FFY: 2020

1. **What type of sampling frame is used?**

   ☒ List frame *(Go to Question 2.)*
   ☐ Area frame *(Go to Question 3.)*
   ☐ List-assisted area frame *(Go to Question 2.)*

2. **List all sources of the list frame. Indicate the type of source from the list below. Provide a brief description of the frame source. Explain how the lists are updated (method), including how new outlets are identified and added to the frame. In addition, explain how often the lists are updated (cycle).** *(After completing this question, go to Question 4.)*

   Use the corresponding number to indicate* Type of Source *in the table below.

   1 – Statewide commercial business list
   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
10 Regional Prepaid Inpatient Health Plans (PIHP)	6	PIHPs and local Designated Youth Tobacco Use Representatives (DYTUR) compile and update a Master Retailer List for their respective regions.	The sample frame is updated annually prior to the Synar survey process. Each fiscal year PIHPs are provided their initial Master Retailer List and required to update the list by adding new tobacco retailers and deleting retailers that are no longer selling tobacco products or are out of business. In addition, PIHPs make any revisions to current retailer information (e.g. change of name or address). Each PIHP is required to canvass their respective regions for the purpose of identifying these new or former retailers. The PIHPs provide OROSC with the updated lists, which are added to our retailer database, which is then updated prior to the Synar survey process.

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

a. Is any area left out in the formation of the area frame?

☐ **Yes** ☐ **No**

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

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

☒ **Yes** ☐ **No**

*If **No,** please indicate the reason(s) they are not included in the Synar survey. Please check all that apply.*

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

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

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

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

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

Unstratified statewide sample:

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

Stratified sample:

☒ Simple random sample *(Go to Question 7.)*
☐ Systematic random sample *(Go to Question 6.)*
☐ Single-stage cluster sample *(Go to Question 7.)*
☐ Multistage cluster sample *(Go to Question 7.)*
☐ **Other** *(Please describe and go to Question 9.)* _____

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

7. Provide the following information about stratification.

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

OROSC stratified 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 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_l) and the expected completion rate (r_c), where (r_l) is the eligibility (also known as accuracy) rate from the previous year's survey and is the completion rate from the previous year's survey. The original sample size can be written as:

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

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 2019.

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

Inputs for Effective Sample Size:
RVR: 10.1%
Frame Size: 8,517

Input for Target Sample Size:
Design Effect: 1.01

Inputs for Original Sample Size:
Safety Margin: 20%
Accuracy (Eligibility) Rate: 94.4%
Completion Rate: 98.9%

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 uses and analyze 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.

APPENDIX C: SYNAR SURVEY INSPECTION PROTOCOL SUMMARY

State: Michigan
FFY: 2020

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

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

a. Consummated buy attempts?

☐ Required
☐ Permitted under specified circumstances (Describe:)
☒ Not permitted

b. Youth inspectors to carry ID?

☒ Required
☐ Permitted under specified circumstances (Describe:)
☐ Not permitted

c. Adult inspectors to enter the outlet?

☒ Required
☐ Permitted under specified circumstances (Describe:)
☐ Not permitted

d. Youth inspectors to be compensated?

☐ Required
☒ Permitted under specified circumstances (Describe: Payment to youth inspectors 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 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; and, Region 10 Prepaid Inpatient Health Plan

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 Retailer Violation Rate and discusses youth use trends with the decoy and a decision is made about the type 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 and youth inspectors 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 inspectors 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: Michigan
FFY: 2020

1. **Calendar year of the coverage study:** 2019

2. a. **Unweighted percent coverage found:** 82.5**%**
   b. **Weighted percent coverage found:** NA**%**
   c. **Number of outlets found through canvassing:** 200
   d. **Number of outlets matched on the list frame:** 165

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

   2017 County Census Estimates

   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.

The sampling methodology undertaken for the coverage study was approved by CSAP and derived from the CSAP publication: Guide for Synar Sampling Frame Coverage Study (2006). Michigan opted to do a random stratified sample of Michigan counties based on the 2017 census data. The stratified sample ensured that counties of varying sizes including villages, towns, and cities would be captured. At no point in the process is the current tobacco retailer list or compliance history to be considered in selection, routing, or actual participation in the study.

In the coverage study design, Michigan chose to make an inspection of 200 facilities. Michigan's 83 counties were divided into nine strata based on each county's population size. For each of the nine strata, a county was randomly selected and subsequently city where the inspection was to take place was selected. The target number of outlets selected in that county was based on the proportion of the Michigan 2017 census represented by that stratum.

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

The strata created were made by grouping counties of similar population sizes. The strata included all counties of population sizes:

1) less than 20,000 residents (19 counties)

2) with 20,000-29,999 residents (16 counties)

3) with 30,000-39,999 residents (7 counties)

4) with 40,000-69,999 residents (14 counties)

5) with 70,000-199,999 residents (18 counties)

6) with 200,000-499,999 residents (5 counties)

7) with 500,000-999,999 residents (2 counties)

8) with 1,000,000-1,499,999 residents (1 county)

9) with 1,500,000 or more residents (1 county)

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

NA

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? Varied upon each area. See attached FFY2020 Synar Coverage Study Results by Stratum

b. What were the starting points for each area? Specific starting point (i.e., street name) was provided for each area

c. Were these starting points randomly chosen?

☐ **Yes** ☒ **No**

d. Describe the selection of the starting points.

Varied upon location. Starting point locations were determined by the number of retailers in a given area to obtain the most accurate list.

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

Under the Substance Abuse Prevention and Treatment Block Grant requirement, states must conduct annual, unannounced, random inspections of tobacco retailers to determine the compliance rate with laws prohibiting the sale of tobacco products to persons under the age of 18. These Synar surveys involve choosing a random sample of tobacco retail outlets from a well-maintained master tobacco retailer list. Every three years, each state is also required to check the coverage and accuracy of that master list by conducting a coverage study as close as possible to the time of the Synar survey.

"Coverage" indicates how completely the list contains all of the eligible outlets in the state for the Synar survey. The coverage rate is the percentage of all eligible outlets in the state that actually appear on the master list (list frame). The Substance Abuse and Mental Health Services Administration (SAMHSA) recommendation is for a ninety (90) percent coverage rate; however, the actual mandate is for eighty (80) percent coverage. The study will also provide an additional means of checking address accuracy and outlet eligibility, beyond the various methods used to clean the list regularly.

This document provides the requirements for the methods and procedures for conducting the Michigan Tobacco Retailer Coverage Study Activity. The Michigan Department of Health and Human Services (MDHHS), Office of Recovery Oriented Systems of Care (OROSC), coverage study design required approval from the Center for Substance Abuse Prevention (CSAP). Therefore, variance from these procedures is not permitted.

OROSC will:

• Select geographic areas to be sampled.

• Coordinate the participation of the involved coordinating agencies.

• Provide protocol and necessary training/technical assistance to selected Prepaid Inpatient Health Plans (PIHP).

• Provide specific starting points and boundaries, with mapped routes, guidance, and designated number of tobacco retailers. OROSC will also provide backup protocol in case the internet maps prove to be in error. (Note: Predetermined routes will be used to provide consistency.)

• Allocate a stipend, contingent upon availability of funds, for each located tobacco retailer, up to the designated number in a contract amendment.

• Distribute and collect necessary canvassing forms.

• Determine coverage rate.

• Update master tobacco retailer list (list frame).

• Report the results to SAMHSA by December 2019.

Prepaid Inpatient Health Plans guidance:

• Be responsible for the completion of the coverage study activities within their regions by August 1 – August 30, 2019.

• Provide two-person "field worker" teams (minimum two adults).

• Train, schedule, and supervise the teams in purpose, protocol, routes, and use of canvassing forms.

• Collect canvassing forms: review for completeness, legibility, and necessary signatures.

• On or before September 13, 2019, submit canvassing forms and contact information of canvassing team membership via e-mail to:

MDHHS-BHDDA-Contracts-MGMT@michigan.gov

ALSO cc: ColemanL7@michigan.gov

Canvassing Teams guidance:

• Understand that:

o The purpose of the coverage study is to determine the quality of the Michigan tobacco Master Retailer List (MRL).

o In no way is the existing MRL or retailers' history to be utilized or considered.

o These teams will physically canvass all retailers until they have found and recorded exactly the designated number of those selling tobacco products, regardless of the number of unvisited retailers and tobacco retailers remaining within the community. Stop when quota is reached.

o In some cases, additional communities are listed besides the original selection. This is done to provide an additional location to canvass in case the first selection does not hold enough tobacco retailers to net the desired canvassing total within that county.

• Review protocol; ensure understanding of task and responsibilities.

• Acquire maps, routes, and canvassing forms from the PIHP.

• Demonstrate professional etiquette. Understandably, it is expected that canvassers will conduct themselves professionally in a way that reflects well on the PIHP and OROSC. Provide an explanation of the study's purpose utilizing the language in the first paragraph of this document. Thank merchants for their cooperation.

• Go to the designated starting point in the assigned city/township/village and conduct the coverage study.

o Utilize the provided map and route to locate all retail businesses and physically enter in the order that they are encountered. CSAP recommends canvassing the entire selected area. Teams may stop when they have reached the quota; however, it is recommended that the Designated Youth Tobacco Use Representatives canvass the entire selected area and submit a complete list. If this cannot be done, please provide an explanation with the report for OROSC records.

o Make no assumption regarding whether a particular business or a type of business does or does not sell tobacco products – all businesses must be entered and assessed for tobacco sales.

o Make exceptions to physical entry/visitation only if: 1) exterior signage clearly prohibits entry to the establishment by persons under 18 years of age, or 2) the location is determined to be dangerous to the canvassers' safety. Do not canvass beyond boundaries given. At no time, canvass beyond the county limits.

o Notify the PIHP Prevention Coordinator or designee if the mapped route is in obvious error upon arrival at the starting point. If the team is in a commercial area, secure permission to use the following backup protocol:

 At the primary intersection, start in any single direction on one side of the street. Continue on that side for five (5) blocks until all retail establishments have been visited within that area. Cross the street and work the way back on the opposite side to the primary intersection starting point.

 If additional tobacco retailer recordings are needed, this protocol is to be used ONLY if the provided primary mapping proves inadequate and ONLY after being granted permission from the PIHP designee. Stay within the boundaries indicated on the provided map, and check establishments while proceeding either:

Five (5) blocks forward on the same street.

Turn one block to the right or left, and then continue parallel to the first checked street and repeat the process above.

• Complete the provided form.

o Legibly record only tobacco retailers that are accessible to persons under 18 years of age. Do not record visited sites that do not sell tobacco products or are not accessible by youth.

o Include complete data for the contact information: name of store, street number, street name, city, zip code, area code, and phone number. If owner information is

available, please add that to back of the form along with the name of store listed on the front. Include their email information if available.

o Complete the rest of form as directed by column headings.

o Both canvassers must sign and date each page of the form.

o Check the form for completeness, legibility, and signatures.

• Return the form to the PIHP by given deadline.

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

Determine by sight and/or questions regarding "tobacco products' and no sign on outside of building notify that patrons to be 18 years or older to enter.

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

Match of at least two of these: address, business name, telephone number equals a match

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

Federal Fiscal Year 2020 (FFY 2020) SYNAR Coverage Study Results By Stratum

Strata	Number of Counties	2017 Population	Target Number of Outlets per Stratum	# of Outlets Identified	# Matching latest MRL of April 2016	Percentage	Random Selection of County Per Stratum	City/village… In which the Coverage Study is to be Conducted	PIHP to Conduct Coverage Study Activity
Counties: Less than 20,000 residents	19	208,982	**4**	4	4	**100.0%**	Kalkaska	Kalkaska	NMRE
Counties: 20,000 – 29,999 residents	16	396,392	**8**	8	6	**75.0%**	Alpena	Alpena	NMRE
Counties: 30,000 – 39,999 residents	7	238,383	**5**	5	4	**80.0%**	Delta	Escanaba	NorthCare Network
Counties: 40,000 – 69,999 residents	14	751,676	**15**	15	14	**93.3%**	Shiawassee	Owosso	Mid-State Health Network
Counties: 70,000 – 199,999 residents	18	2,227,891	**45**	45	39	**86.7%**	Saginaw	Saginaw	Mid-State Health Network
Counties: 200,000 – 499,999 residents	5	1,614,566	**32**	32	25	**78.1%**	Kalamazoo	Kalamazoo	SWMBH
Counties: 500,000 – 999,999 residents	2	1,519,969	**30**	30	27	**90.0%**	Kent	Grand Rapids	LRE
Counties: 1,000,000 – 1,499,999 residents	1	1,250,836	**25**	25	20	**80.0%**	Oakland	Farmington Hills	Oakland
Counties: 1,500,000 or more residents	1	1,753,616	**36**	36	26	**72.2%**	Wayne	Taylor	Detroit Wayne
Total	**83**	**9,962,311**	**200**	200	165	**82.5%**			

SSES Table 1 (Synar Survey Estimates and Sample Sizes)

CSAP-SYNAR REPORT

State	MI
Federal Fiscal Year (FFY)	2020
Date	7/22/2019 15:12
Data	SSESv7_Data_SRS-FFY2020MI.xlsx
Program Version	Version 7.0
Analysis Option	Stratified SRS with FPC

Estimates

Unweighted Retailer Violation Rate	10.4%
Weighted Retailer Violation Rate	10.5%
Standard Error	1.6%
Is SAMHSA Precision Requirement met?	YES
Right-sided 95% Confidence Interval	[0.0%, 13.2%]
Two-sided 95% Confidence Interval	[7.4%, 13.7%]
Design Effect	1.0
Accuracy Rate (unweighted)	95.7%
Accuracy Rate (weighted)	95.6%
Completion Rate (unweighted)	98.9%

Sample Size for Current Year

Effective Sample Size	266
Target (Minimum) Sample Size	269
Original Sample Size	376
Eligible Sample Size	360
Final Sample Size	356
Overall Sampling Rate	4.4%

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

STATE: MI
FFY: 2020

Samp. Stratum	Var. Stratum	Outlet Frame Size	Estimated Outlet Population Size	Number of PSU Clusters Created	Number of PSU Clusters in Sample	Outlet Sample Size	Number of Eligible Outlets in Sample	Number of Sample Outlets Inspected	Number of Sample Outlets in Violation	Retailer Violation Rate(%)	Standard Error(%)
All Outlets											
Det Wayne	Det Wayne	1,592	1,568	N/A	N/A	65	64	63	5	7.9%	
Lakeshore	Lakeshore	874	849	N/A	N/A	35	34	34	3	8.8%	
Macomb	Macomb	684	661	N/A	N/A	30	29	29	1	3.4%	
MSHN	MSHN	1,601	1,453	N/A	N/A	65	59	59	7	11.9%	
NMRE	NMRE	658	658	N/A	N/A	30	30	29	2	6.9%	
NorthCare	NorthCare	370	358	N/A	N/A	30	29	29	2	6.9%	
Oakland	Oakland	768	669	N/A	N/A	31	27	26	5	19.2%	
Region 10	Region 10	696	696	N/A	N/A	30	30	29	6	20.7%	
Southeast	Southeast	538	520	N/A	N/A	30	29	29	4	13.8%	
SWMBH	SWMBH	736	711	N/A	N/A	30	29	29	2	6.9%	
Total		8,517	8,143			376	360	356	37	10.5%	1.6%
Over the Counter Outlets											
Det Wayne	Det Wayne	1,588	1,568	N/A	N/A	65	64	63	5	7.9%	
Lakeshore	Lakeshore	874	849	N/A	N/A	35	34	34	3	8.8%	
Macomb	Macomb	682	661	N/A	N/A	30	29	29	1	3.4%	
MSHN	MSHN	1,600	1,453	N/A	N/A	65	59	59	7	11.9%	
NMRE	NMRE	658	658	N/A	N/A	30	30	29	2	6.9%	
NorthCare	NorthCare	368	358	N/A	N/A	30	29	29	2	6.9%	
Oakland	Oakland	766	669	N/A	N/A	31	27	26	5	19.2%	
Region 10	Region 10	696	696	N/A	N/A	30	30	29	6	20.7%	
Southeast	Southeast	538	520	N/A	N/A	30	29	29	4	13.8%	

SWMBH	SWMBH	735	711	N/A	N/A	30	29	29	2	6.9%	
Total		8,505	8,143			376	360	356	37	10.5%	1.6%
Vending Machines											
Det Wayne	Det Wayne	4	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%	
MSHN	MSHN	1	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	2	0	N/A	N/A	0	0	0	0	0.0%	
Oakland	Oakland	2	0	N/A	N/A	0	0	0	0	0.0%	
Region 10	Region 10	0	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%	
SWMBH	SWMBH	1	0	N/A	N/A	0	0	0	0	0.0%	
Total		12	0			0	0	0	0	0.0%	0.0%

SSES Table 3 (Synar Survey Sample Tally Summary)

STATE: MI
FFY: 2020

Disposition Code	Description	Count	Subtotal
EC	Eligible and inspection complete outlet	356	
Total (Eligible Completes)			356
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	1	
N5	Moved to new location but not inspected	0	
N6	Drive thru only/youth inspector has no drivers license	0	
N7	Tobacco out of stock	1	
N8	Run out of time	0	
N9	Other noncompletion (see below)	1	
Total (Eligible Noncompletes)			4
I1	Out of Business	5	
I2	Does not sell tobacco products	3	
I3	Inaccessible by youth	4	
I4	Private club or private residence	2	
I5	Temporary closure	1	
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)			16
Grand Total			376

Give reasons and counts for other noncompletion:

Reason	Count
Boutique with a glass display sells only high-end cigars. Makes difficult for a youth to ask to buy	1

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

STATE: MI
FFY: 2020

Frequency Distribution

Gender	Age	Number of Inspectors	Attempted Buys	Successful Buys
Male	14	0	0	0
	15	0	0	0
	16	14	66	3
	17	22	100	8
	18	0	0	0
	19	0	0	0
	20	0	0	0
	Subtotal	36	166	11
Female	14	0	0	0
	15	0	0	0
	16	23	119	7
	17	17	71	19
	18	0	0	0
	19	0	0	0
	20	0	0	0
	Subtotal	40	190	26
Other		0	0	0
Grand Total		76	356	37

Buy Rate in Percent by Age and Gender

Age	Male	Female	Total
14	0.0%	0.0%	0.0%
15	0.0%	0.0%	0.0%
16	4.5%	5.9%	5.4%
17	8.0%	26.8%	15.8%
18	0.0%	0.0%	0.0%
19	0.0%	0.0%	0.0%
20	0.0%	0.0%	0.0%
Other			0.0%
Total	6.6%	13.7%	10.4%

Outlet ID	Sampling S	Population	Variance St	Population	Response D	Violation Fl	Outlet Type	Youth Inspe	Youth Inspe	Youth Inspe	VM Frame	Type of Product (Cigarettes (1), Small Cigars/Cigarillos (2), Smokeless Tobacco (3), ENDS (4), Other (5))	Retail Outle	Clerk asked Youth Inspector for ID (Y=yes, N=no)
R1-0006	NorthCare	370	NorthCare	370	EC	0	OTC	NCN01	M	17	2	1	7	Y
R1-0018	NorthCare	370	NorthCare	370	EC	0	OTC	NCN02	M	16	2	1	1	Y
R1-0074	NorthCare	370	NorthCare	370	EC	0	OTC	NCN03	M	17	2	1	7	Y
R1-0433	NorthCare	370	NorthCare	370	EC	0	OTC	NCN04	F	17	2	1	1	Y
R1-0452	NorthCare	370	NorthCare	370	EC	0	OTC	NCN03	M	17	2	1	1	Y
R1-0087	NorthCare	370	NorthCare	370	EC	0	OTC	NCN05	F	17	2	1	5	Y
R1-0088	NorthCare	370	NorthCare	370	EC	0	OTC	NCN06	M	17	2	1	1	Y
R1-0099	NorthCare	370	NorthCare	370	EC	0	OTC	NCN06	M	17	2	3	5	Y
R1-0423	NorthCare	370	NorthCare	370	EC	0	OTC	NCN07	M	16	2	1	6	Y
R1-0154	NorthCare	370	NorthCare	370	EC	0	OTC	NCN02	M	16	2	1	1	Y
R1-0167	NorthCare	370	NorthCare	370	EC	0	OTC	NCN02	M	16	2	1	7	Y
R1-0175	NorthCare	370	NorthCare	370	EC	0	OTC	NCN02	M	16	2	1	5	Y
R1-0183	NorthCare	370	NorthCare	370	EC	0	OTC	NCN02	M	16	2	1	5	Y
R1-0184	NorthCare	370	NorthCare	370	EC	0	OTC	NCN02	M	16	2	1	1	Y
R1-0431	NorthCare	370	NorthCare	370	EC	0	OTC	NCN02	M	16	2	1	1	Y
R1-0220	NorthCare	370	NorthCare	370	EC	0	OTC	NCN08	F	17	2	1	5	Y
R1-0233	NorthCare	370	NorthCare	370	EC	1	OTC	NCN08	F	17	2	1	5	Y
R1-0235	NorthCare	370	NorthCare	370	EC	0	OTC	NCN01	M	17	2	1	7	Y
R1-0243	NorthCare	370	NorthCare	370	EC	0	OTC	NCN01	M	17	2	1	1	Y
R1-0261	NorthCare	370	NorthCare	370	EC	1	OTC	NCN09	F	16	2	1	7	Y
R1-0285	NorthCare	370	NorthCare	370	EC	0	OTC	NCN09	F	16	2	1	1	Y
R1-0321	NorthCare	370	NorthCare	370	EC	0	OTC	NCN10	M	16	2	3	1	Y
R1-0438	NorthCare	370	NorthCare	370	I4		OTC	NCN09	F	16	2		7	
R1-0439	NorthCare	370	NorthCare	370	EC	0	OTC	NCN10	M	16	2	3	7	Y
R1-0340	NorthCare	370	NorthCare	370	EC	0	OTC	NCN06	M	17	2	1	1	Y
R1-0341	NorthCare	370	NorthCare	370	EC	0	OTC	NCN06	M	17	2	3	5	Y
R1-0344	NorthCare	370	NorthCare	370	EC	0	OTC	NCN05	F	17	2	1	1	Y
R1-0345	NorthCare	370	NorthCare	370	EC	0	OTC	NCN05	F	17	2	1	7	Y

R1-0362	NorthCare	370	NorthCare	370	EC	0	OTC	NCN05	F	17	2	1	1	Y
R1-0436	NorthCare	370	NorthCare	370	EC	0	OTC	NCN08	F	17	2	1	2	Y
R2-0036	NMRE	658	NMRE	658	EC	0	OTC	NMR03	F	16	0	1	5	Y
R2-0045	NMRE	658	NMRE	658	EC	1	OTC	NMR03	F	16	0	1	7	Y
R2-0053	NMRE	658	NMRE	658	EC	0	OTC	NMR04	F	17	0	1	7	Y
R2-0073	NMRE	658	NMRE	658	EC	0	OTC	NMR04	F	17	0	1	7	Y
R2-0058	NMRE	658	NMRE	658	EC	0	OTC	NMR04	F	17	0	1	1	Y
R2-0065	NMRE	658	NMRE	658	EC	0	OTC	NMR04	F	17	0	1	1	Y
R2-0083	NMRE	658	NMRE	658	EC	0	OTC	NMR02	M	16	0	1	7	Y
R2-0723	NMRE	658	NMRE	658	EC	0	OTC	NMR03	F	16	0	1	7	Y
R2-0184	NMRE	658	NMRE	658	EC	0	OTC	NMR03	F	16	0	1	1	Y
R2-0227	NMRE	658	NMRE	658	EC	0	OTC	NMR04	F	17	0	1	1	Y
R2-0739	NMRE	658	NMRE	658	N9		OTC	NMR04	F	17	0		7	
R2-0308	NMRE	658	NMRE	658	EC	1	OTC	NMR02	M	16	0	3	1	Y
R2-0259	NMRE	658	NMRE	658	EC	0	OTC	NMR03	F	16	0	1	5	Y
R2-0321	NMRE	658	NMRE	658	EC	0	OTC	NMR02	M	16	0	1	6	Y
R2-0317	NMRE	658	NMRE	658	EC	0	OTC	NMR02	M	16	0	3	7	Y
R2-0294	NMRE	658	NMRE	658	EC	0	OTC	NMR02	M	16	0	3	1	Y
R2-0358	NMRE	658	NMRE	658	EC	0	OTC	NMR01	F	16	0	1	7	Y
R2-0357	NMRE	658	NMRE	658	EC	0	OTC	NMR01	F	16	0	1	7	Y
R2-0360	NMRE	658	NMRE	658	EC	0	OTC	NMR01	F	16	0	1	1	Y
R2-0389	NMRE	658	NMRE	658	EC	0	OTC	NMR02	M	16	0	3	7	Y
R2-0401	NMRE	658	NMRE	658	EC	0	OTC	NMR02	M	16	0	3	1	Y
R2-0408	NMRE	658	NMRE	658	EC	0	OTC	NMR02	M	16	0	3	5	Y
R2-0422	NMRE	658	NMRE	658	EC	0	OTC	NMR02	M	16	0	3	7	Y
R2-0454	NMRE	658	NMRE	658	EC	0	OTC	NMR02	M	16	0	3	7	Y
R2-0468	NMRE	658	NMRE	658	EC	0	OTC	NMR03	F	16	0	1	1	Y
R2-0569	NMRE	658	NMRE	658	EC	0	OTC	NMR03	F	16	0	1	1	Y
R2-0782	NMRE	658	NMRE	658	EC	0	OTC	NMR03	F	16	0	1	1	Y
R2-0808	NMRE	658	NMRE	658	EC	0	OTC	NMR03	F	16	0	1	1	Y
R2-0811	NMRE	658	NMRE	658	EC	0	OTC	NMR03	F	16	0	1	7	Y
R2-0665	NMRE	658	NMRE	658	EC	0	OTC	NMR03	F	16	0	1	1	Y
R3-635	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE06	F	16	0	1	1	Y
R3-599	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE06	F	16	0	1	1	Y
R3-667	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE06	F	16	0	1	1	Y
R3-975	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE06	F	16	0	1	1	Y
R3-672	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE06	F	16	0	1	1	Y
R3-550	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE05	F	17	0	1	1	Y
R3-565	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE05	F	17	0	1	7	Y
R3-683	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE05	F	17	0	1	1	Y
R3-997	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE05	F	17	0	1	7	Y
R3-701	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE05	F	17	0	1	1	Y
R3-0110	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE04	F	17	0	1	1	Y
R3-0216	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE04	F	17	0	1	5	Y
R3-0291	Lakeshore	874	Lakeshore	874	I2		OTC	LRE04	F	17	0		5	

R3-0530	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE04	F	17	0	1	1	Y
R3-0220	Lakeshore	874	Lakeshore	874	EC	1	OTC	LRE04	F	17	0	1	7	Y
R3-0307	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE04	F	17	0	1	7	Y
R3-0445	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE04	F	17	0	1	1	Y
R3-1041	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE04	F	17	0	1	7	Y
R3-0276	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE04	F	17	0	3	1	Y
R3-0412	Lakeshore	874	Lakeshore	874	EC	1	OTC	LRE04	F	17	0	1	7	Y
R3-0434	Lakeshore	874	Lakeshore	874	EC	1	OTC	LRE04	F	17	0	1	7	Y
R3-0131	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE04	F	17	0	1	1	Y
R3-0092	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE04	F	17	0	1	5	Y
R3-0040	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE02	F	17	0	1	1	Y
R3-0717	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE 07	M	16	0	1	7	Y
R3-0837	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE 07	M	16	0	1	6	Y
R3-0833	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE 07	M	16	0	1	7	Y
R3-0785	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE 07	M	16	0	1	7	Y
R3-0712	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE 07	M	16	0	1	7	Y
R3-0729	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE 07	M	16	0	1	7	Y
R3-1027	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE 07	M	16	0	1	2	Y
R3-0761	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE 07	M	16	0	1	1	Y
R3-0834	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE 07	M	16	0	1	5	Y
R3-0720	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE 07	M	16	0	1	5	Y
R3-1026	Lakeshore	874	Lakeshore	874	EC	0	OTC	LRE 07	M	16	0	1	1	Y
R4-0014	SWMBH	736	SWMBH	736	EC	0	OTC	SWM10	F	16	1	1	1	Y
R4-0025	SWMBH	736	SWMBH	736	EC	0	OTC	SWM10	F	16	1	1	1	Y
R4-0082	SWMBH	736	SWMBH	736	EC	0	OTC	SWM20	M	16	1	1	7	Y
R4-0108	SWMBH	736	SWMBH	736	EC	0	OTC	SWM20	M	16	1	1	1	N
R4-0117	SWMBH	736	SWMBH	736	EC	0	OTC	SWM20	M	16	1	1	7	Y
R4-0140	SWMBH	736	SWMBH	736	EC	0	OTC	SWM21	F	16	1	1	1	Y
R4-0174	SWMBH	736	SWMBH	736	EC	0	OTC	SWM20	M	16	1	1	1	Y
R4-0192	SWMBH	736	SWMBH	736	EC	0	OTC	SWM21	F	16	1	1	7	Y
R4-0226	SWMBH	736	SWMBH	736	EC	0	OTC	SWM21	F	16	1	1	1	Y
B4-0281	SWMBH	736	SWMBH	736	EC	0	OTC	SWM31	M	17	1	1	7	Y
R4-0299	SWMBH	736	SWMBH	736	EC	0	OTC	SWM41	M	16	1	2	7	Y
R4-0333	SWMBH	736	SWMBH	736	EC	0	OTC	SWM42	F	16	1	2	1	Y
R4-0342	SWMBH	736	SWMBH	736	EC	0	OTC	SWM41	M	16	1	2	7	Y
R4-0827	SWMBH	736	SWMBH	736	EC	1	OTC	SWM42	F	16	1	2	1	Y
R4-0859	SWMBH	736	SWMBH	736	EC	0	OTC	SWM42	F	16	1	2	7	Y
R4-0441	SWMBH	736	SWMBH	736	EC	0	OTC	SWM51	F	16	1	1	1	Y
R4-0465	SWMBH	736	SWMBH	736	I1		OTC	SWM52	M	17	1		7	
R4-0479	SWMBH	736	SWMBH	736	EC	0	OTC	SWM61	M	17	1	1	6	Y
R4-0508	SWMBH	736	SWMBH	736	EC	0	OTC	SWM62	F	16	1	1	7	Y
R4-0522	SWMBH	736	SWMBH	736	EC	1	OTC	SWM63	F	17	1	1	7	Y
R4-0547	SWMBH	736	SWMBH	736	EC	0	OTC	SWM63	F	17	1	1	1	Y
R4-0560	SWMBH	736	SWMBH	736	EC	0	OTC	SWM61	M	17	1	1	6	Y
R4-0583	SWMBH	736	SWMBH	736	EC	0	OTC	SWM63	F	17	1	1	7	Y

R4-0602	SWMBH	736	SWMBH	736	EC	0	OTC	SWM61	M	17	1	1	1	Y
R4-0616	SWMBH	736	SWMBH	736	EC	0	OTC	SWM61	M	17	1	1	5	Y
R4-0633	SWMBH	736	SWMBH	736	EC	0	OTC	SWM62	F	16	1	1	7	Y
R4-0665	SWMBH	736	SWMBH	736	EC	0	OTC	SWM71	M	16	1	1	6	Y
R4-0718	SWMBH	736	SWMBH	736	EC	0	OTC	SWM81	F	16	1	1	7	Y
R4-0723	SWMBH	736	SWMBH	736	EC	0	OTC	SWM81	F	16	1	1	1	Y
R4-0788	SWMBH	736	SWMBH	736	EC	0	OTC	SWM81	F	16	1	1	1	Y
R5-0093	MSHN	1601	MSHN	1601	EC	0	OTC	MHN08	F	16	1	1	5	Y
R5-0229	MSHN	1601	MSHN	1601	EC	1	OTC	MHN01	M	17	1	3	1	Y
R5-1755	MSHN	1601	MSHN	1601	EC	0	OTC	MHN15	M	17	1	1	1	Y
R5-0280	MSHN	1601	MSHN	1601	EC	0	OTC	MHN15	M	17	1	1	7	Y
R5-1742	MSHN	1601	MSHN	1601	I1		OTC	MHN02	F	16	1		5	
R5-0364	MSHN	1601	MSHN	1601	EC	0	OTC	MHN02	F	16	1	3	7	Y
R5-0375	MSHN	1601	MSHN	1601	EC	0	OTC	MHN02	F	16	1	3	7	Y
R5-0410	MSHN	1601	MSHN	1601	EC	0	OTC	MHN15	M	17	1	1	1	Y
R5-0428	MSHN	1601	MSHN	1601	EC	0	OTC	MHN15	M	17	1	1	7	Y
R5-0411	MSHN	1601	MSHN	1601	EC	0	OTC	MHN15	M	17	1	1	1	Y
R5-0424	MSHN	1601	MSHN	1601	EC	0	OTC	MHN15	M	17	1	1	5	Y
R5-1829	MSHN	1601	MSHN	1601	EC	0	OTC	MHN11	M	16	1	1	1	Y
R5-0511	MSHN	1601	MSHN	1601	EC	1	OTC	MHN04	F	17	1	1	1	Y
R5-0492	MSHN	1601	MSHN	1601	EC	0	OTC	MHN04	F	17	1	1	7	Y
R5-0601	MSHN	1601	MSHN	1601	EC	0	OTC	MHN16	M	17	1	1	7	Y
R5-0613	MSHN	1601	MSHN	1601	I4		OTC	MHN16	M	17	1		7	
R5-0558	MSHN	1601	MSHN	1601	EC	0	OTC	MHN16	M	17	1	1	1	Y
R5-0704	MSHN	1601	MSHN	1601	I7		OTC	MHN16	M	17	1		7	
R5-0790	MSHN	1601	MSHN	1601	EC	0	OTC	MHN16	M	17	1	1	1	Y
R5-0711	MSHN	1601	MSHN	1601	EC	0	OTC	MHN16	M	17	1	1	1	Y
R5-0672	MSHN	1601	MSHN	1601	EC	0	OTC	MHN16	M	17	1	1	7	Y
R5-0742	MSHN	1601	MSHN	1601	EC	0	OTC	MHN16	M	17	1	1	6	Y
R5-0643	MSHN	1601	MSHN	1601	EC	0	OTC	MHN16	M	17	1	1	7	Y
R5-1691	MSHN	1601	MSHN	1601	EC	0	OTC	MHN16	M	17	1	1	7	Y
R5-1705	MSHN	1601	MSHN	1601	EC	0	OTC	MHN16	M	17	1	1	1	Y
R5-0654	MSHN	1601	MSHN	1601	EC	0	OTC	MHN16	M	17	1	1	1	Y
R5-0800	MSHN	1601	MSHN	1601	EC	0	OTC	MHN16	M	17	1	1	1	Y
R5-0744	MSHN	1601	MSHN	1601	EC	0	OTC	MHN16	M	17	1	1	7	Y
R5-0615	MSHN	1601	MSHN	1601	EC	0	OTC	MHN16	M	17	1	1	7	Y
R5-0843	MSHN	1601	MSHN	1601	EC	0	OTC	MHN03	F	17	1	1	1	Y
R5-0852	MSHN	1601	MSHN	1601	EC	1	OTC	MHN03	F	17	1	1	7	Y
R5-0835	MSHN	1601	MSHN	1601	EC	0	OTC	MHN03	F	17	1	1	1	Y
R5-1876	MSHN	1601	MSHN	1601	EC	0	OTC	MHN02	F	16	1	3	7	Y
R5-0897	MSHN	1601	MSHN	1601	EC	0	OTC	MHN02	F	16	1	1	5	Y
R5-1004	MSHN	1601	MSHN	1601	EC	0	OTC	MHN15	M	17	1	1	7	Y
R5-0948	MSHN	1601	MSHN	1601	EC	0	OTC	MHN15	M	17	1	1	1	Y
R5-1082	MSHN	1601	MSHN	1601	EC	0	OTC	MHN15	M	17	1	1	7	Y
R5-1192	MSHN	1601	MSHN	1601	EC	0	OTC	MHN13	M	17	1	1	1	Y

R5-1196	MSHN	1601	MSHN	1601	EC	0	OTC	MHN13	M	17	1	1	1	Y
R5-1201	MSHN	1601	MSHN	1601	EC	0	OTC	MHN13	M	17	1	1	7	Y
R5-1165	MSHN	1601	MSHN	1601	EC	0	OTC	MHN13	M	17	1	1	7	Y
R5-1252	MSHN	1601	MSHN	1601	EC	0	OTC	MHN12	M	16	1	1	1	Y
R5-1220	MSHN	1601	MSHN	1601	EC	0	OTC	MHN12	M	16	1	1	5	Y
R5-1914	MSHN	1601	MSHN	1601	EC	0	OTC	MHN14	M	17	1	1	7	Y
R5-1318	MSHN	1601	MSHN	1601	EC	0	OTC	MHN14	M	17	1	1	7	Y
R5-1312	MSHN	1601	MSHN	1601	EC	0	OTC	MHN14	M	17	1	3	1	Y
R5-1306	MSHN	1601	MSHN	1601	EC	0	OTC	MHN14	M	17	1	3	1	Y
R5-1716	MSHN	1601	MSHN	1601	I2		OTC	MHN14	M	17	1		7	
R5-1764	MSHN	1601	MSHN	1601	I1		OTC	MHN14	M	17	1		7	
R5-1347	MSHN	1601	MSHN	1601	EC	1	OTC	MHN06	F	17	1	1	7	N
R5-1341	MSHN	1601	MSHN	1601	EC	0	OTC	MHN06	F	17	1	1	7	Y
R5-1344	MSHN	1601	MSHN	1601	EC	0	OTC	MHN05	M	17	1	1	5	Y
R5-1454	MSHN	1601	MSHN	1601	EC	0	OTC	MHN10	F	16	1	1	7	Y
R5-1487	MSHN	1601	MSHN	1601	EC	0	OTC	MHN10	F	16	1	1	7	Y
R5-1526	MSHN	1601	MSHN	1601	EC	0	OTC	MHN10	F	16	1	1	1	Y
R5-1431	MSHN	1601	MSHN	1601	EC	0	OTC	MHN10	F	16	1	1	7	Y
R5-1441	MSHN	1601	MSHN	1601	EC	0	OTC	MHN10	F	16	1	1	1	Y
R5-1853	MSHN	1601	MSHN	1601	EC	0	OTC	MHN09	M	17	1	1	7	Y
R5-1910	MSHN	1601	MSHN	1601	EC	0	OTC	MHN10	F	16	1	1	1	Y
R5-1544	MSHN	1601	MSHN	1601	EC	1	OTC	MHN09	M	17	1	2	7	N
R5-1529	MSHN	1601	MSHN	1601	I3		OTC	MHN09	M	17	1		2	
R5-1594	MSHN	1601	MSHN	1601	EC	1	OTC	MHN07	M	16	1	1	1	Y
R5-1606	MSHN	1601	MSHN	1601	EC	0	OTC	MHN07	M	16	1	1	7	Y
R5-1649	MSHN	1601	MSHN	1601	EC	1	OTC	MHN08	F	16	1	1	5	N
R5-1620	MSHN	1601	MSHN	1601	EC	0	OTC	MHN08	F	16	1	1	1	N
R6-0007	Southeast	538	Southeast	538	EC	1	OTC	PSE01	F	17	0	1	1	Y
R6-0631	Southeast	538	Southeast	538	EC	1	OTC	PSE01	F	17	0	1	7	Y
R6-0278	Southeast	538	Southeast	538	EC	1	OTC	PSE43	M	17	0	1	1	Y
R6-0455	Southeast	538	Southeast	538	EC	1	OTC	PSE61	F	17	0	1	1	Y
R6-0623	Southeast	538	Southeast	538	I3		OTC	PSE02	M	17	0		2	
R6-0030	Southeast	538	Southeast	538	EC	0	OTC	PSE02	M	17	0	1	1	Y
R6-0044	Southeast	538	Southeast	538	EC	0	OTC	PSE02	M	17	0	1	1	Y
R6-0092	Southeast	538	Southeast	538	EC	0	OTC	PSE01	F	17	0	1	6	Y
R6-0126	Southeast	538	Southeast	538	EC	0	OTC	PSE27	F	16	0	3	7	Y
R6-0112	Southeast	538	Southeast	538	EC	0	OTC	PSE23	M	17	0	1	5	Y
R6-0099	Southeast	538	Southeast	538	EC	0	OTC	PSE27	F	16	0	3	1	Y
R6-0148	Southeast	538	Southeast	538	EC	0	OTC	PSE23	M	17	0	1	1	Y
R6-0590	Southeast	538	Southeast	538	EC	0	OTC	PSE27	F	16	0	3	7	Y
R6-0158	Southeast	538	Southeast	538	EC	0	OTC	PSE27	F	16	0	3	1	Y
R6-0154	Southeast	538	Southeast	538	EC	0	OTC	PSE23	M	17	0	1	7	Y
R6-0298	Southeast	538	Southeast	538	EC	0	OTC	PSE47	F	16	0	3	1	Y
R6-0276	Southeast	538	Southeast	538	EC	0	OTC	PSE47	F	16	0	3	1	Y
R6-0294	Southeast	538	Southeast	538	EC	0	OTC	PSE43	M	17	0	1	1	Y

R6-0326	Southeast	538	Southeast	538	EC	0	OTC	PSE47	F	16	0	3	7	Y
R6-0346	Southeast	538	Southeast	538	EC	0	OTC	PSE61	F	17	0	1	1	Y
R6-0391	Southeast	538	Southeast	538	EC	0	OTC	PSE63	M	17	0	1	1	Y
R6-0345	Southeast	538	Southeast	538	EC	0	OTC	PSE63	M	17	0	1	1	Y
R6-0606	Southeast	538	Southeast	538	EC	0	OTC	PSE61	F	17	0	1	7	Y
R6-0456	Southeast	538	Southeast	538	EC	0	OTC	PSE63	M	17	0	1	1	Y
R6-0477	Southeast	538	Southeast	538	EC	0	OTC	PSE63	M	17	0	1	1	Y
R6-0519	Southeast	538	Southeast	538	EC	0	OTC	PSE61	F	17	0	1	5	Y
R6-0515	Southeast	538	Southeast	538	EC	0	OTC	PSE63	M	17	0	1	7	N
R6-0542	Southeast	538	Southeast	538	EC	0	OTC	PSE63	M	17	0	1	1	Y
R6-0500	Southeast	538	Southeast	538	EC	0	OTC	PSE61	F	17	0	1	7	Y
R6-0537	Southeast	538	Southeast	538	EC	0	OTC	PSE61	F	17	0	1	1	Y
R7-0014	Det Wayne	1592	Det Wayne	1592	EC	0	OTC	DWM21	F	16	4	1	1	Y
R7-0020	Det Wayne	1592	Det Wayne	1592	EC	0	OTC	DWM21	F	16	4	1	7	Y
R7-1559	Det Wayne	1592	Det Wayne	1592	EC	0	OTC	DWM21	F	16	4	1	7	Y
R7-1687	Det Wayne	1592	Det Wayne	1592	EC	0	OTC	DWM21	F	16	4	1	7	Y
R7-1758	Det Wayne	1592	Det Wayne	1592	EC	0	OTC	DWM21	F	16	4	1	1	Y
R7-2013	Det Wayne	1592	Det Wayne	1592	EC	1	OTC	DWM21	F	16	4	1	1	N
R7-0698	Det Wayne	1592	Det Wayne	1592	EC	0	OTC	DWM20	F	16	4	1	1	N
R7-2251	Det Wayne	1592	Det Wayne	1592	EC	0	OTC	DWM20	F	16	4	1	1	N
R7-0308	Det Wayne	1592	Det Wayne	1592	EC	0	OTC	DWM20	F	16	4	1	7	Y
R7-0754	Det Wayne	1592	Det Wayne	1592	EC	0	OTC	DWM20	F	16	4	1	7	Y
R7-0547	Det Wayne	1592	Det Wayne	1592	EC	1	OTC	DWM19	M	17	4	1	7	N
R7-1036	Det Wayne	1592	Det Wayne	1592	EC	0	OTC	DWM19	M	17	4	1	1	N
R7-0852	Det Wayne	1592	Det Wayne	1592	EC	0	OTC	DWM19	M	17	4	1	1	Y
R7-2229	Det Wayne	1592	Det Wayne	1592	EC	1	OTC	DWM19	M	17	4	1	1	Y
R7-0790	Det Wayne	1592	Det Wayne	1592	EC	0	OTC	DWM20	F	16	4	1	1	N
R7-0552	Det Wayne	1592	Det Wayne	1592	EC	1	OTC	DWM19	M	17	4	1	7	Y
R7-0530	Det Wayne	1592	Det Wayne	1592	EC	0	OTC	DWM20	F	16	4	1	7	N
R7-0807	Det Wayne	1592	Det Wayne	1592	EC	0	OTC	DWM19	M	17	4	1	1	N
R7-0903	Det Wayne	1592	Det Wayne	1592	EC	0	OTC	DWM20	F	16	4	1	1	Y
R7-1017	Det Wayne	1592	Det Wayne	1592	EC	0	OTC	DWM19	M	17	4	1	7	Y
R7-0648	Det Wayne	1592	Det Wayne	1592	EC	0	OTC	DWM19	M	17	4	1	1	N
R7-0420	Det Wayne	1592	Det Wayne	1592	EC	0	OTC	DWM20	F	16	4	1	7	Y
R7-2164	Det Wayne	1592	Det Wayne	1592	EC	0	OTC	DWM20	F	16	4	1	1	N
R7-0402	Det Wayne	1592	Det Wayne	1592	EC	0	OTC	DWM20	F	16	4	1	7	Y
R7-0637	Det Wayne	1592	Det Wayne	1592	EC	0	OTC	DWM19	M	17	4	1	7	Y
R7-2190	Det Wayne	1592	Det Wayne	1592	EC	0	OTC	DWM19	M	17	4	1	7	Y
R7-0726	Det Wayne	1592	Det Wayne	1592	EC	0	OTC	DWM20	F	16	4	1	7	N
R7-1004	Det Wayne	1592	Det Wayne	1592	EC	0	OTC	DWM20	F	16	4	1	7	Y
R7-2096	Det Wayne	1592	Det Wayne	1592	EC	0	OTC	DWM19	M	17	4	1	1	Y
R7-0362	Det Wayne	1592	Det Wayne	1592	N7		OTC	DWM20	F	16	4		7	
R7-0311	Det Wayne	1592	Det Wayne	1592	EC	0	OTC	DWM19	M	17	4	1	7	Y
R7-0400	Det Wayne	1592	Det Wayne	1592	EC	0	OTC	DWM20	F	16	4	1	7	N
R7-1043	Det Wayne	1592	Det Wayne	1592	EC	0	OTC	DWM19	M	17	4	1	1	Y

R7-1061	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM20	F	16	4	1	7	Y
R7-2053	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM19	M	17	4	1	7	Y
R7-1155	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM19	M	17	4	1	1	Y
R7-0309	Det Wayne 1592		Det Wayne 1592		EC	1	OTC	DWM19	M	17	4	1	1	Y
R7-1000	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM20	F	16	4	1	7	N
R7-0475	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM19	M	17	4	1	7	N
R7-0786	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM20	F	16	4	1	1	Y
R7-0147	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM22	M	17	4	1	1	Y
R7-0150	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM22	M	17	4	1	1	Y
R7-0218	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM22	M	17	4	1	1	Y
R7-0291	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM22	M	17	4	1	1	Y
R7-1797	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM23	M	17	4	1	1	Y
R7-1810	Det Wayne 1592		Det Wayne 1592		I1		OTC	DWM24	M	17	4		7	
R7-0060	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM25	F	16	4	1	2	Y
R7-0059	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM25	F	16	4	1	6	Y
R7-1387	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM25	F	16	4	1	7	Y
R7-1260	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM25	F	16	4	1	1	Y
R7-1251	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM25	F	16	4	1	7	Y
R7-1953	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM25	F	16	4	1	5	Y
R7-1936	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM25	F	16	4	1	7	N
R7-1308	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM25	F	16	4	1	7	Y
R7-0122	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM21	F	16	4	1	7	Y
R7-0110	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM21	F	16	4	1	5	Y
R7-0124	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM21	F	16	4	1	6	Y
R7-0137	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM21	F	16	4	1	6	Y
R7-0099	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM21	F	16	4	1	1	Y
R7-1482	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM21	F	16	4	1	7	Y
R7-1516	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM21	F	16	4	1	1	Y
R7-1613	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM21	F	16	4	1	1	N
R7-1578	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM21	F	16	4	1	5	Y
R7-1480	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM21	F	16	4	1	5	Y
R7-1654	Det Wayne 1592		Det Wayne 1592		EC	0	OTC	DWM21	F	16	4	1	7	Y
R8-0025	Oakland	768	Oakland	768	EC	0	OTC	OCC01	M	17	2	1	1	Y
R8-0900	Oakland	768	Oakland	768	I3		OTC	OCC04	F	17	2		2	
R8-0064	Oakland	768	Oakland	768	EC	0	OTC	OCC03	M	16	2	1	1	Y
R8-0404	Oakland	768	Oakland	768	EC	0	OTC	OCC03	M	16	2	1	1	Y
R8-0840	Oakland	768	Oakland	768	EC	0	OTC	OCC03	M	16	2	1	5	Y
R8-0400	Oakland	768	Oakland	768	EC	0	OTC	OCC03	M	16	2	1	1	Y
R8-0453	Oakland	768	Oakland	768	EC	0	OTC	OCC03	M	16	2	1	1	Y
R8-0266	Oakland	768	Oakland	768	EC	1	OTC	OCC02	F	17	2	1	1	Y
R8-0001	Oakland	768	Oakland	768	EC	0	OTC	OCC05	F	16	2	1	7	Y
R8-0871	Oakland	768	Oakland	768	EC	0	OTC	OCC04	F	17	2	1	1	Y
R8-0846	Oakland	768	Oakland	768	EC	0	OTC	OCC06	M	16	2	1	2	Y
R8-0703	Oakland	768	Oakland	768	EC	0	OTC	OCC03	M	16	2	1	7	Y
R8-0854	Oakland	768	Oakland	768	EC	0	OTC	OCC06	M	16	2	1	7	Y

R8-0121	Oakland	768	Oakland	768	EC	0	OTC	OCC06	M	16	2	1	7	Y
R8-0731	Oakland	768	Oakland	768	EC	0	OTC	OCC03	M	16	2	1	1	Y
R8-0777	Oakland	768	Oakland	768	EC	0	OTC	OCC06	M	16	2	1	7	Y
R8-0050	Oakland	768	Oakland	768	I2		OTC	OCC04	F	17	2		5	
R8-0056	Oakland	768	Oakland	768	EC	0	OTC	OCC04	F	17	2	1	6	Y
R8-0615	Oakland	768	Oakland	768	EC	1	OTC	OCC04	F	17	2	1	1	Y
R8-0624	Oakland	768	Oakland	768	EC	0	OTC	OCC04	F	17	2	1	7	Y
R8-0055	Oakland	768	Oakland	768	EC	1	OTC	OCC04	F	17	2	1	7	Y
R8-0349	Oakland	768	Oakland	768	EC	1	OTC	OCC02	F	17	2	1	7	Y
R8-0192	Oakland	768	Oakland	768	EC	1	OTC	OCC02	F	17	2	1	1	Y
R8-0201	Oakland	768	Oakland	768	EC	0	OTC	OCC02	F	17	2	1	5	Y
R8-0858	Oakland	768	Oakland	768	N2		OTC	OCC02	F	17	2		7	
R8-0290	Oakland	768	Oakland	768	EC	0	OTC	OCC02	F	17	2	1	1	Y
R8-0295	Oakland	768	Oakland	768	EC	0	OTC	OCC02	F	17	2	1	1	Y
R8-0109	Oakland	768	Oakland	768	I3		OTC	OCC02	F	17	2		2	
R8-0519	Oakland	768	Oakland	768	I5		OTC	OCC02	F	17	2		1	
R8-0898	Oakland	768	Oakland	768	EC	0	OTC	OCC03	M	16	2	1	1	Y
R8-0334	Oakland	768	Oakland	768	EC	0	OTC	OCC03	M	16	2	1	6	Y
R9-0025	Macomb	684	Macomb	684	EC	0	OTC	MAC03	M	17	2	1	7	Y
R9-0038	Macomb	684	Macomb	684	EC	0	OTC	MAC03	M	17	2	1	7	Y
R9-0042	Macomb	684	Macomb	684	EC	0	OTC	MAC03	M	17	2	1	7	Y
R9-0077	Macomb	684	Macomb	684	EC	0	OTC	MAC01	F	16	2	1	7	Y
R9-0119	Macomb	684	Macomb	684	EC	0	OTC	MAC01	F	16	2	1	2	Y
R9-0176	Macomb	684	Macomb	684	EC	0	OTC	MAC03	M	17	2	1	6	Y
R9-0187	Macomb	684	Macomb	684	EC	0	OTC	MAC03	M	17	2	1	5	Y
R9-0224	Macomb	684	Macomb	684	EC	0	OTC	MAC03	M	17	2	1	1	Y
R9-0265	Macomb	684	Macomb	684	EC	0	OTC	MAC02	F	16	2	1	7	Y
R9-0285	Macomb	684	Macomb	684	EC	0	OTC	MAC01	F	16	2	1	5	Y
R9-0311	Macomb	684	Macomb	684	EC	0	OTC	MAC03	M	17	2	1	7	Y
R9-0315	Macomb	684	Macomb	684	EC	0	OTC	MAC01	F	16	2	1	1	Y
R9-0322	Macomb	684	Macomb	684	EC	0	OTC	MAC03	M	17	2	1	1	Y
R9-0323	Macomb	684	Macomb	684	EC	0	OTC	MAC01	F	16	2	1	7	Y
R9-0326	Macomb	684	Macomb	684	EC	0	OTC	MAC01	F	16	2	1	7	Y
R9-0341	Macomb	684	Macomb	684	EC	0	OTC	MAC01	F	16	2	1	7	Y
R9-0434	Macomb	684	Macomb	684	EC	0	OTC	MAC03	M	17	2	1	7	Y
R9-0473	Macomb	684	Macomb	684	EC	1	OTC	MAC01	F	16	2	1	1	Y
R9-0514	Macomb	684	Macomb	684	EC	0	OTC	MAC01	F	16	2	1	1	Y
R9-0546	Macomb	684	Macomb	684	EC	0	OTC	MAC03	M	17	2	1	7	Y
R9-0570	Macomb	684	Macomb	684	EC	0	OTC	MAC01	F	16	2	1	1	Y
R9-0592	Macomb	684	Macomb	684	I1		OTC	MAC03	M	17	2		7	
R9-0682	Macomb	684	Macomb	684	EC	0	OTC	MAC03	M	17	2	1	1	Y
R9-0687	Macomb	684	Macomb	684	EC	0	OTC	MAC03	M	17	2	1	1	Y
R9-0690	Macomb	684	Macomb	684	EC	0	OTC	MAC03	M	17	2	1	1	Y
R9-0714	Macomb	684	Macomb	684	EC	0	OTC	MAC01	F	16	2	1	1	Y
R9-0717	Macomb	684	Macomb	684	EC	0	OTC	MAC03	M	17	2	1	1	Y

R9-0811	Macomb	684	Macomb	684	EC	0	OTC	MAC01	F	16	2	1	2	Y
R9-0838	Macomb	684	Macomb	684	EC	0	OTC	MAC01	F	16	2	1	7	Y
R9-0849	Macomb	684	Macomb	684	EC	0	OTC	MAC01	F	16	2	1	1	N
R10-0512	Region 10	696	Region 10	696	EC	0	OTC	RHP31	M	17	0	1	7	Y
R10-0503	Region 10	696	Region 10	696	EC	1	OTC	RHP31	M	17	0	1	7	Y
R10-0580	Region 10	696	Region 10	696	EC	1	OTC	RHP32	F	17	0	1	1	Y
R10-0578	Region 10	696	Region 10	696	EC	1	OTC	RHP32	F	17	0	1	6	Y
R10-0553	Region 10	696	Region 10	696	EC	1	OTC	RHP32	F	17	0	1	5	N
R10-0771	Region 10	696	Region 10	696	N4		OTC	RHP23	F	17	0		7	
R10-0680	Region 10	696	Region 10	696	EC	0	OTC	RHP23	F	17	0	1	5	Y
R10-0715	Region 10	696	Region 10	696	EC	0	OTC	RHP23	F	17	0	1	6	Y
R10-0722	Region 10	696	Region 10	696	EC	0	OTC	RHP23	F	17	0	1	1	Y
R10-0720	Region 10	696	Region 10	696	EC	0	OTC	RHP23	F	17	0	1	1	Y
R10-0588	Region 10	696	Region 10	696	EC	0	OTC	RHP23	F	17	0	1	7	Y
R10-0662	Region 10	696	Region 10	696	EC	0	OTC	RHP23	F	17	0	1	7	Y
R10-0643	Region 10	696	Region 10	696	EC	0	OTC	RHP23	F	17	0	1	7	Y
R10-0326	Region 10	696	Region 10	696	EC	0	OTC	RHP46	F	16	0	1	1	Y
R10-0239	Region 10	696	Region 10	696	EC	1	OTC	RHP47	F	16	0	1	7	Y
R10-0324	Region 10	696	Region 10	696	EC	0	OTC	RHP46	F	16	0	1	7	Y
R10-0320	Region 10	696	Region 10	696	EC	0	OTC	RHP47	F	16	0	1	1	Y
R10-0843	Region 10	696	Region 10	696	EC	0	OTC	RHP46	F	16	0	1	7	Y
R10-0004	Region 10	696	Region 10	696	EC	0	OTC	RHP47	F	16	0	1	1	Y
R10-0328	Region 10	696	Region 10	696	EC	0	OTC	RHP46	F	16	0	1	6	Y
R10-0847	Region 10	696	Region 10	696	EC	0	OTC	RHP48	M	16	0	1	1	Y
R10-0053	Region 10	696	Region 10	696	EC	0	OTC	RHP48	M	16	0	1	7	Y
R10-0052	Region 10	696	Region 10	696	EC	0	OTC	RHP48	M	16	0	1	1	Y
R10-0411	Region 10	696	Region 10	696	EC	0	OTC	RHP48	M	16	0	1	1	Y
R10-0363	Region 10	696	Region 10	696	EC	0	OTC	RHP48	M	16	0	1	7	Y
R10-0452	Region 10	696	Region 10	696	EC	0	OTC	RHP48	M	16	0	1	1	Y
R10-0104	Region 10	696	Region 10	696	EC	0	OTC	RHP48	M	16	0	1	1	Y
R10-0094	Region 10	696	Region 10	696	EC	0	OTC	RHP48	M	16	0	1	1	Y
R10-0090	Region 10	696	Region 10	696	EC	1	OTC	RHP48	M	16	0	1	7	Y
R10-0088	Region 10	696	Region 10	696	EC	0	OTC	RHP48	M	16	0	1	6	Y

SSES Table 6 (Synar Survey Inspection Results by Type of Product)

STATE: MI
FFY: 2020

Frequency Distribution and Buy Rate

Product Type	Attempted Buys	Successful Buys	Violation Rate (%)
Cigarettes	324	33	10.2%
Small cigars/Cigarillos	6	2	33.3%
Smokeless tobacco	26	2	7.7%
ENDS	0	0	0.0%
Other	0	0	0.0%
Missing	0	0	0.0%
Invalid	0	0	0.0%
Grand Total	356	37	10.4%

SSES Table 6 (Synar Survey Inspection Results by Type of Product)

STATE: MI
FFY: 2020

Buy Rate by Type of Product, Age, and Gender

Male								
Product Type	Age							Total
	14	15	16	17	18	19	20	
Cigarettes	0.0%	0.0%	3.7%	6.4%	0.0%	0.0%	0.0%	5.4%
Small cigars/Cigarillos	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	33.3%
Smokeless tobacco	0.0%	0.0%	10.0%	20.0%	0.0%	0.0%	0.0%	13.3%
ENDS	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Other	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total Male	0.0%	0.0%	4.5%	8.0%	0.0%	0.0%	0.0%	6.6%

Female								
Product Type	Age							Total
	14	15	16	17	18	19	20	
Cigarettes	0.0%	0.0%	5.7%	27.1%	0.0%	0.0%	0.0%	14.2%
Small cigars/Cigarillos	0.0%	0.0%	33.3%	0.0%	0.0%	0.0%	0.0%	33.3%
Smokeless tobacco	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
ENDS	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Other	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total Female	0.0%	0.0%	5.9%	26.8%	0.0%	0.0%	0.0%	13.7%

All								
Product Type	Age							Total
	14	15	16	17	18	19	20	
Cigarettes	0.0%	0.0%	5.0%	15.2%	0.0%	0.0%	0.0%	10.2%
Small cigars/Cigarillos	0.0%	0.0%	20.0%	100.0%	0.0%	0.0%	0.0%	33.3%
Smokeless tobacco	0.0%	0.0%	5.0%	16.7%	0.0%	0.0%	0.0%	7.7%
ENDS	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Other	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Grand Total	0.0%	0.0%	5.4%	15.8%	0.0%	0.0%	0.0%	10.4%

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

STATE: MI
FFY: 2020

Frequency Distribution and Buy Rate

Retail Outlet	Attempted Buys	Successful Buys	Violation Rate (%)
Gas Station	162	16	9.9%
Tobacco Store	6	0	0.0%
Restaurant	0	0	0.0%
Hotel	0	0	0.0%
Grocery Store	33	3	9.1%
Drug Store	18	1	5.6%
Other	137	17	12.4%
Missing	0	0	0.0%
Invalid	0	0	0.0%
Grand Total	356	37	10.4%

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

STATE: MI
FFY: 2020

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

Male

Retail Outlet	Age							Total
	14	15	16	17	18	19	20	
Gas Station	0.0%	0.0%	7.4%	7.8%	0.0%	0.0%	0.0%	7.7%
Tobacco Store	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Restaurant	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Hotel	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Grocery Store	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Drug Store	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Other	0.0%	0.0%	4.2%	10.5%	0.0%	0.0%	0.0%	8.1%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total Male	0.0%	0.0%	4.5%	8.0%	0.0%	0.0%	0.0%	6.6%

Female

Retail Outlet	Age							Total
	14	15	16	17	18	19	20	
Gas Station	0.0%	0.0%	5.8%	21.9%	0.0%	0.0%	0.0%	11.9%
Tobacco Store	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Restaurant	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Hotel	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Grocery Store	0.0%	0.0%	10.0%	22.2%	0.0%	0.0%	0.0%	15.8%
Drug Store	0.0%	0.0%	0.0%	25.0%	0.0%	0.0%	0.0%	12.5%
Other	0.0%	0.0%	6.0%	36.0%	0.0%	0.0%	0.0%	16.0%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total Female	0.0%	0.0%	5.9%	26.8%	0.0%	0.0%	0.0%	13.7%

All

Retail Outlet	Age							Total
	14	15	16	17	18	19	20	
Gas Station	0.0%	0.0%	6.3%	13.3%	0.0%	0.0%	0.0%	9.9%
Tobacco Store	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Restaurant	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Hotel	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Grocery Store	0.0%	0.0%	5.9%	12.5%	0.0%	0.0%	0.0%	9.1%
Drug Store	0.0%	0.0%	0.0%	12.5%	0.0%	0.0%	0.0%	5.6%
Other	0.0%	0.0%	5.4%	20.6%	0.0%	0.0%	0.0%	12.4%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Grand Total	0.0%	0.0%	5.4%	15.8%	0.0%	0.0%	0.0%	10.4%

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

STATE: MI
FFY: 2020

Frequency Distribution and Buy Rate

Clerk Asked for ID	Attempted Buys	Successful Buys	Violation Rate (%)
Yes	332	31	9.3%
No	24	6	25.0%
Missing	0	0	0.0%
Invalid	0	0	0.0%
Grand Total	356	37	10.4%

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

STATE: MI
FFY: 2020

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

Male								
Clerk Asked for ID	Age							Total
	14	15	16	17	18	19	20	
Yes	0.0%	0.0%	4.6%	6.5%	0.0%	0.0%	0.0%	5.7%
No	0.0%	0.0%	0.0%	28.6%	0.0%	0.0%	0.0%	25.0%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total Male	0.0%	0.0%	4.5%	8.0%	0.0%	0.0%	0.0%	6.6%

Female								
Clerk Asked for ID	Age							Total
	14	15	16	17	18	19	20	
Yes	0.0%	0.0%	4.8%	24.6%	0.0%	0.0%	0.0%	12.6%
No	0.0%	0.0%	14.3%	100.0%	0.0%	0.0%	0.0%	25.0%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total Female	0.0%	0.0%	5.9%	26.8%	0.0%	0.0%	0.0%	13.7%

All								
Clerk Asked for ID	Age							Total
	14	15	16	17	18	19	20	
Yes	0.0%	0.0%	4.7%	14.2%	0.0%	0.0%	0.0%	9.3%
No	0.0%	0.0%	13.3%	44.4%	0.0%	0.0%	0.0%	25.0%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Grand Total	0.0%	0.0%	5.4%	15.8%	0.0%	0.0%	0.0%	10.4%