

# **ANNUAL SYNAR REPORT**

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

OMB № 0930-0222

**FFY 2022**

**State: Michigan**

## Table of Contents

Introduction.....	i
FFY 2022: Funding Agreements/Certifications .....	1
Section I: FFY 2021 (Compliance Progress).....	2
Section II: FFY 2022 (Intended Use) .....	11
Appendix A: Forms 1–5 .....	13
Appendixes B & C: Forms.....	20
Appendix B: Synar Survey Sampling Methodology .....	19
Appendix C: Synar Survey Inspection Protocol Summary .....	21
Appendix D: List Sampling Frame Coverage Study .....	25

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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 2021 Compliance Progress) and future plans to ensure compliance with the Synar requirements to reduce youth tobacco access rates (FFY 2022 Intended Use Plan). These data are required by 42 U.S.C. 300x-26 and will be used by the Secretary to evaluate state compliance with the statute. Part of the mission of the Center for Substance Abuse Prevention (CSAP) is to assist states<sup>1</sup> by supporting Synar activities and providing technical assistance helpful in determining the type of enforcement measures and control strategies that are most effective. This information is helpful to CSAP in improving technical assistance resources and expertise on enforcement efforts and tobacco control program support activities, including state Synar program support services, through an enhanced technical assistance program involving conferences and workshops, development of training materials and guidance documents, and onsite technical assistance consultation.

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

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

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

## Getting assistance in completing the Synar report

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

## Where and when to submit the Synar report

The ASR must be received by SAMHSA no later than December 31, 2021 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 2022 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, in the FFY 2022 ASR, SSES will generate Tables 6, 7, and 8, which are based on the optional microdata on product type, retail outlet type, and whether identification was requested. If your state does not submit these optional data, Tables 6, 7, and 8 will be blank. Tables 6, 7, and 8 are generated for the convenience of the state, and states are not required to submit completed versions of Tables 6, 7, or 8.** States that do not use SSES must upload one copy of ASR Forms 1, 4, and 5, and Forms 2 and 3, if applicable, (in Excel), as well as a database with the raw inspection data to WebBGAS.
- Synar Inspection Form: States must upload one blank copy of the inspection form used to record the result of each Synar inspection.
- Synar Inspection Protocol: States must upload a copy of the protocol used to train inspection teams on conducting and reporting the results of the Synar inspections. This document should be different than the Appendix C attached to the Annual Synar Report.
- A scanned copy of the signed Funding Agreements/Certifications

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

## FFY 2022: FUNDING AGREEMENTS/CERTIFICATIONS

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

<b>PUBLIC HEALTH SERVICES ACT AND SYNAR AMENDMENT</b>	
42 U.S.C. 300x-26 requires each state to submit an annual report of its progress in meeting the requirements of the Synar Amendment and its implementing regulation (45 C.F.R. 96.130) to the Secretary of the Department of Health and Human Services. By signing below, the chief executive officer (or an authorized designee) of the applicant organization certifies that the state has complied with these reporting requirements and the certifications as set forth below.	
<b>SYNAR SURVEY SAMPLING METHODOLOGY</b>	
The state certifies that the Synar survey sampling methodology on file with the Center for Substance Abuse Prevention and submitted with the Annual Synar Report for FFY 2022 is up-to-date and approved by the Center for Substance Abuse Prevention.	
<b>SYNAR SURVEY INSPECTION PROTOCOL</b>	
The state certifies that the Synar Survey Inspection Protocol on file with the Center for Substance Abuse Prevention and submitted with the Annual Synar Report for FFY 2022 is up-to-date and approved by the Center for Substance Abuse Prevention.	
<b>State: Michigan</b>	
<b>Name of Chief Executive Officer or Designee: Jeffery L. Wiefenich</b>	
<b>Signature of CEO or Designee:</b>	
<b>Title:</b> Director, Bureau of Community Based Services	<b>Date Signed:</b> 11/10/21
<b>If signed by a designee, a copy of the designation must be attached.</b>	

**SECTION I: FFY 2021 (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

**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 2022 ASR was posted to this Web address.)*  
*Web address: www.michigan.gov/bhrecovery*  
*Date published: December 2, 2021*
- 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.) Distributed for review through Michigan's ten regional behavioral health entities (PIHPs)
- 

**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)

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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

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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

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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

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**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 the Tobacco Strategic Plan developed by OROSC and YATTW in order to help raise awareness and change behaviors related to reducing youth access to tobacco and residual health problems and addiction. 3) Leads a behavioral health tobacco project with participation from OROSC.

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 2021 (see 42 U.S.C. 300x-26 and 45 C.F.R. 96.130(e)).**

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

- Enforcement is conducted exclusively by local law enforcement agencies.
- Enforcement is conducted exclusively by state agency(ies).
- Enforcement is conducted by both local *and* state agencies.

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

PENALTY	OWNERS	CLERKS	TOTAL
Number of <u>citations issued</u>	N/A	59	UNK
Number of <u>fin es assessed</u>	N/A	35	UNK
Number of <u>permits/licenses suspended</u>	N/A		N/A
Number of <u>permits/licenses revoked</u>	N/A		N/A
Other (Please describe.) <i>The YTS fines are only levied against the clerk not the owner. Not all law enforcement agencies report citations and fines to PIHPs so complete count is unknown.</i>	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

OROSC created a two-sided educational document addressing the federal Tobacco 21 law and Michigan's Youth Tobacco Act on one side and essential information that retailers should know on the other side. Additionally, birthdate signs in English, Spanish, and Arabic were updated to correspond with Tobacco 21. These materials were sent to all 10 Prepaid Inpatient Health Plans (PIHPs) Designated Youth Tobacco Use Representative (DYTUR) organizations to be used as part of each region's tobacco retailer vendor education activities. Due to COVID-19, there was an overall increase in providing tobacco vendor education sessions to replace the limited ability to conduct non-Synar tobacco compliance checks. Tobacco retailer vendor education consisted of telephonic sessions, mailing educational material to retailers, and in-person visits when safe and appropriate. Several regions implemented vendor education with 100% of retailers on its Master Retailer List with coalition members aiding prevention providers to expand the reach.

Michigan continues to offer an online Merchant Education Training which includes several self-paced educational modules with a posttest 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, 15-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 compliance thanking retailers for being responsible members of the community as follow-up to successful results during compliance check activity. For retailers that are a part of a larger corporation (retail chain), their corporate headquarters is notified of results from checks that were conducted. Additionally, some regions created window clings for retailers that passed the compliance checks. Retailers are encouraged to display certificates, letters, window clings, etc. as a reminder and awareness of compliance with the YTA.

One region obtained gift cards to local stores to share with clerks that pass compliance checks. In a few communities, during an awards breakfast or luncheon, coalitions recognize retailers with an "Exemplary Retailer of the Year Award" for not selling alcohol and/or tobacco for at least three years. A press release is submitted ahead of time to invite media to these events.

Community education regarding youth access laws

To educate the community, some social media advertisements were done around youth tobacco use. Through media releases, community partners were asked to thank local establishments for not selling tobacco to minors. YTA information was shared with community members, prevention coalitions, and various community groups.

COVID 19 continued to limit in-person community education and classroom presentations, although some activities were able to be held following CDC and state safety guidelines. Additionally, virtual activities continued to be implemented. A town hall was held in one community to raise awareness of youth vaping. A panel of experts including a doctor, representative from the Department of Health and Human Services, representative from the Department of Public Health, and youth from the Teens Talking Truth (T3) shared respective knowledge and experiences. Students identified vaping as a critical topic of concern for their age group. During a virtual parenting conference, the T3 youth developed and presented to parents on the misinformation that their peers were susceptible to believing. They provided a detailed presentation on the varied styles of vape pens and the overall potential health consequences youth could incur from using vape products.

One urban community talked to parents and youth in programs about vendor education/compliance check program and asked for support in talking to neighborhood stores about keeping tobacco out of the hands of youth.

There were monthly meetings hosted with the Regional Vape Work Group, which consisted of members from four eastern Michigan counties. The purpose of the group is to develop tools and resources, provide educational awareness and dissemination of information pertaining to youth vaping through 21 community coalitions and regional participating organizations. Members of the group are made aware of the number of YTA compliant vs. non-compliant retailers.

Media use to publicize compliance inspection results

OROSC creates a press release that identifies the number of retailers that were a part of the official Synar survey and the percentage of retailers that would not have sold. In addition, regions and communities will send press releases to local newspapers that include merchants that passed the compliance checks. In one region, every quarter all DYTURs write a press release commending the retailers in its area for not selling tobacco to minors. Another region sends compliance check results to the 21 Community Coalition Network encouraging coalitions to include compliant retailers in its local community newspapers and newsletters.

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

Coalitions mobilize community and coalition members to thank establishments for not selling tobacco to minors and remind those who did that it is unacceptable. Local community coalition members conduct vendor education with retailers that fail compliance checks to remind and inform of the importance of retailer compliance with youth access laws.

In one region, the DYTUR drafted a letter to the heads of law enforcement agencies to request assistance with improving the Synar compliance rate. In addition, the DYTUR created a database of compliance officers to provide ongoing communication regarding violators as a way of improving the targeted vendor education efforts.

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

## SYNAR SURVEY METHODS AND RESULTS

The following questions pertain to the survey methodology and results of the Synar survey used by the state to meet the requirements of the Synar Regulation in FFY 2021 (see 42 U.S.C. 300x-26 and 45 C.F.R. 96.130).

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

Yes  No

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

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

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

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

Yes  No

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

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

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

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

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

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

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

plus      times      equals

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

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

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

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

- Form 2 (Optional) in Appendix A (Forms 1–5) *(Attach completed Form 2.)*  
 Other *(Please specify. Provide formulas and calculations or attach and explain the program code and output with description of all variable names.)*

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

- Yes  No  No stratification

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

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

- Yes  No

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

*If No, go to Question 7g.*

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

- Yes  No

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

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

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

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

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

Yes  No

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

**a. The calendar year of the latest Sampling frame coverage study: 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 06/01/21 to 06/30/21**  
MM/DD/YY                      MM/DD/YY

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

84

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

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



**SECTION II: FFY 2022 (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 2022. 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 to update and implement its Tobacco Strategic Plan to include: information and activities around vapor products and alternative nicotine products, 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 the Retailer Violation Rate; 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. In addition, electronic nicotine delivery systems (ENDS) and Tobacco 21 material will be developed and/or distributed for use by DYTURs and tobacco retailers. PIHPs and DYTURs will partner with state and local law enforcement as appropriate on efforts to enforce youth tobacco access laws.

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

- Limited resources for law enforcement of youth access laws

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

- Limitations in the state youth tobacco access laws

There is much confusion among retailers who sell tobacco, ENDS, and alternative vaping products around Tobacco 21 and the Michigan Youth Tobacco Act which has the age of sale at 18. In addition, the current Youth Tobacco Act only penalizes the cashier but not the owner when a sale is made to a minor.

- Limited public support for enforcement of youth tobacco access laws

- 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.

- Limited expertise in survey methodology

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

- Difficulties recruiting youth inspectors

COVID-19 created challenges for recruiting youth inspectors as some parents were reluctant to give permission for youth to participate in compliance check activities.

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

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

- Geographic, demographic, and logistical considerations in conducting inspections

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

Through the efforts of the YATTW, the State will continue to review and modify our action plan to address issues for minorities and underserved populations by utilizing epidemiological data to identify specific issues and/or populations; identify evidence-based activities to impact the issues selected; maintain a work plan and measurable benchmarks that show progress in service to underserved people and reduced violations in specific communities.

Issues regarding sources of tobacco under tribal jurisdiction

Inspections are not conducted in areas under tribal jurisdiction.

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

## APPENDIX A: FORMS 1–5

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

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

**Instructions for Completing Form 1:** In the top right-hand corner of the form, provide the state name and reporting federal fiscal year (FFY 2022). 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.)**

<b>Summary of Synar Inspection Results by Stratum</b>													
State: _____													
FFY: <u>2022</u>													
(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 to calculate the weighted RVR. This table (in Excel form) is designed to calculate the weighted RVR for stratified simple or systematic random sampling designs, accounting for ineligible outlets and noncomplete inspections encountered during the annual Synar survey.

**Instructions for Completing Form 2:** In the top right-hand corner of the form, provide the state name and reporting federal fiscal year (FFY 2022).

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

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

<b>Calculation of Weighted Retailer Violation Rate</b>										
										<b>State:</b> _____
										<b>FFY:</b> 2022
(1) Stratum Name	(2) N Number of Outlets in Sampling Frame	(3) n Original Sample Size	(4) n1 Number of Sample Outlets Found Eligible	(5) n2 Number of Outlets Inspected	(6) x Number of Outlets Found in Violation	(7) p=x/n2 Stratum Retailer Violation Rate	(8) N'=N(n1/n) Estimated Number of Eligible Outlets in Population	(9) w=N'/Total Column 8 Relative Stratum Weight	(10) pw Stratum Contribution to State Weighted RVR	(11) s.e. Standard Error of Stratum RVR
<b>Total</b>										

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

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

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

**Instructions for Completing Form 3:** In the top right-hand corner of the form, provide the state name and reporting federal fiscal year (FFY 2022).

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

Column 1: Sequentially number each row.

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

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

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

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

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

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

<b>Summary of Clusters Created and Sampled</b>				
<b>State:</b> _____				
<b>FFY:</b> 2022				
(1) Row #	(2) Stratum Name	(3) Number of PSUs Created	(4) Number of PSUs Selected	(5) Number of PSUs in the Final Sample
<b>Total</b>				



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

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

**Instructions for Completing Form 4:** In the top right-hand corner of the form, provide the state name and reporting federal fiscal year (FFY 2022).

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

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

<b>Inspection Tallies by Reason of Ineligibility or Noncompletion</b>			
		State: _____	
		FFY: 2022	
(1) INELIGIBLE		(2) ELIGIBLE	
Reason for Ineligibility	(a) Counts	Reason for Noncompletion	(a) Counts
Out of business		In operation but closed at time of visit	
Does not sell tobacco products		Unsafe to access	
Inaccessible by youth		Presence of police	
Private club or private residence		Youth inspector knows salesperson	
Temporary closure		Moved to new location	
Unlocatable		Drive-thru only/youth inspector has no driver's license	
Wholesale only/Carton sale only		Tobacco out of stock	
Vending machine broken		Ran out of time	
Duplicate		Other noncompletion reason(s) <i>(Describe.)</i>	
Other ineligibility reason(s) <i>(Describe.)</i>			
<b>Total</b>		<b>Total</b>	

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

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

**Instructions for Completing Form 5:** In the top right-hand corner of the form, provide the state name and reporting federal fiscal year (FFY 2022).

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.

<b>Synar Survey Inspector Characteristics</b>		
		<b>State:</b> _____
		<b>FFY:</b> 2022
	(1) Attempted Buys	(2) Successful Buys
<b>Male</b>		
15 years		
16 years		
17 years		
18 years		
19 years		
20 years		
<b>Male Subtotal</b>		
<b>Female</b>		
15 years		
16 years		
17 years		
18 years		
19 years		
20 years		
<b>Female Subtotal</b>		
<b>Other</b>		
<b>Total</b>		

## APPENDIXES B & C: FORMS

### Instructions

Appendix B (Sampling Design) and Appendix C (Inspection Protocol) are to reflect the state's CSAP-approved sampling design and inspection protocol. These appendixes, therefore, should generally describe the design and protocol and, with the exception of Question #10 of Appendix B, are not to be modified with year-specific information. Please note that any changes to either appendix must receive CSAP's advance, written approval. To facilitate the state's completion of this section, simply cut and paste the previously approved sampling design (Appendix B) and inspection protocol (Appendix C) and respond to Question #10 of Appendix B to provide the requested information about sample size calculations for the Synar survey conducted in FFY 2021.

## APPENDIX B: SYNAR SURVEY SAMPLING METHODOLOGY

State:   Michigan    
 FFY:   2022  

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

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

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

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

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

Name of Frame Source	Type of Source	Description	Updating Method and Cycle
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 rate ( $r_i$ ) and the expected completion rate ( $r_c$ ), where ( $r_i$ ) is the eligibility also known as accuracy) rate from the previous year's survey and is the completion rate from the previous year's survey. The original sample size can be written as:

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

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

**10. Provide the following information about sample size calculations for the Synar survey conducted in FFY 2021.**

- 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: 15.1%

Frame Size: 8,937

**Input for Target Sample Size:**

Design Effect: 1.01

**Inputs for Original Sample Size:**

Safety Margin: 20

Accuracy (Eligibility) Rate: 92.4%

Completion Rate: 97.7%

- 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: Michiga  
FFY: 2022

*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 underage 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 Integrated Health Network; Region 8 Oakland Community Health Network; Region 9 Macomb County Community Mental Health; 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 through 20 years old. Training and scheduling is under the jurisdiction of the Prevention Coordinator and DYTUR acting on behalf of the PIHP.

## APPENDIX D: LIST SAMPLING FRAME COVERAGE STUDY

(LIST FRAME ONLY)

State: \_\_\_\_\_  
FFY:   202  

1. Calendar year of the coverage study: \_\_\_\_\_

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

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

b. Were any areas of the state excluded from sampling?

Yes    No

*If Yes, please explain.*

4. Please answer the following questions about the selection of canvassing areas.

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

Census (Go to Question 6.)

**Unstratified statewide sample:**

- Simple random sample (Respond to Part b.)  
 Systematic random sample (Respond to Part b.)  
 Single-stage cluster sample (Respond to Parts b and d.)  
 Multistage cluster sample (Respond to Parts b and d.)

**Stratified sample:**

- Simple random sample (Respond to Parts b and c.)  
 Systematic random sample (Respond to Parts b and c.)  
 Single-stage cluster sample (Respond to Parts b, c, and d.)  
 Multistage cluster sample (Respond to Parts b, c, and d.)  
 **Other** (Please describe and respond to Part b.) \_\_\_\_\_

b. Describe the sampling methods.

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

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

5. Were borders of the selected areas clearly identified at the time of canvassing?

Yes  No

6. Were all sampled areas visited by canvassing teams?

Yes (Go to Question 7.)  No (Respond to Parts a and b.)

a. Was the subset of areas randomly chosen?

Yes  No

b. Describe how the subsample of visited areas was drawn. Include the number of areas sampled and the number of areas canvassed.

7. Were field observers provided with a detailed map of the canvassing areas?

Yes  No

*If No, describe the canvassing instructions given to the field observers.*

8. Were field observers instructed to find all outlets in the assigned area?

Yes  No

*If No, respond to Question 9.*

*If Yes, describe any instructions given to the field observers to ensure the entire area was canvassed, then go to Question 10.*

9. If a full canvassing was not conducted:

a. How many predetermined outlets were to be observed in each area? \_\_\_\_\_

b. What were the starting points for each area? \_\_\_\_\_

c. Were these starting points randomly chosen?

Yes  No

d. Describe the selection of the starting points.

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

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

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

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

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

**CSAP-SYNAR REPORT**

State	MI
Federal Fiscal Year (FFY)	2022
Date	9/14/2021 15:49
Data	FFY2022 SSEsv7_DataEntryTemplate_SRS.xlsx
Program Version	Version 7.0
Analysis Option	Stratified SRS with FPC

**Estimates**

Unweighted Retailer Violation Rate	21.7%
Weighted Retailer Violation Rate	21.8%
Standard Error	1.8%
Is SAMHSA Precision Requirement met?	YES
Right-sided 95% Confidence Interval	[0.0%, 24.7%]
Two-sided 95% Confidence Interval	[18.2%, 25.3%]
Design Effect	1.0
Accuracy Rate (unweighted)	95.5%
Accuracy Rate (weighted)	95.4%
Completion Rate (unweighted)	99.4%

**Sample Size for Current Year**

Effective Sample Size	370
Target (Minimum) Sample Size	374
Original Sample Size	506
Eligible Sample Size	483
Final Sample Size	480
Overall Sampling Rate	5.7%

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

STATE: MI

FFY: 2022

Samp. Stratum	Var. Stratum	Outlet Frame Size	Estimated Outlet Population Size	Number of PSU Clusters Created	Number of PSU Clusters in Sample	Outlet Sample Size	Number of Eligible Outlets in Sample	Number of Sample Outlets Inspected	Number of Sample Outlets in Violation	Retailer Violation Rate(%)	Standard Error(%)
<b>All Outlets</b>											
Det-Wayne	Det-Wayne	1,737	1,612	N/A	N/A	97	90	90	33	36.7%	
LRE	LRE	815	797	N/A	N/A	46	45	45	7	15.6%	
Maconb	Maconb	707	671	N/A	N/A	39	37	37	8	21.6%	
MSHN	MSHN	1,603	1,551	N/A	N/A	93	90	88	18	20.5%	
NMRE	NMRE	701	647	N/A	N/A	39	36	35	3	8.6%	
NorthCare	NorthCare	402	389	N/A	N/A	30	29	29	4	13.8%	
Oakland	Oakland	842	788	N/A	N/A	47	44	44	10	22.7%	
Region 10	Region 10	723	723	N/A	N/A	40	40	40	13	32.5%	
Southeast	Southeast	537	519	N/A	N/A	30	29	29	4	13.8%	
SWMBH	SWMBH	810	774	N/A	N/A	45	43	43	4	9.3%	
Total		8,877	8,471			506	483	480	104	21.8%	1.8%
<b>Over the Counter Outlets</b>											
Det-Wayne	Det-Wayne	1,734	1,612	N/A	N/A	97	90	90	33	36.7%	
LRE	LRE	815	797	N/A	N/A	46	45	45	7	15.6%	
Maconb	Maconb	706	671	N/A	N/A	39	37	37	8	21.6%	
MSHN	MSHN	1,602	1,551	N/A	N/A	93	90	88	18	20.5%	
NMRE	NMRE	701	647	N/A	N/A	39	36	35	3	8.6%	
NorthCare	NorthCare	399	389	N/A	N/A	29	29	29	4	13.8%	
Oakland	Oakland	842	788	N/A	N/A	47	44	44	10	22.7%	
Region 10	Region 10	723	723	N/A	N/A	40	40	40	13	32.5%	
Southeast	Southeast	537	519	N/A	N/A	30	29	29	4	13.8%	
SWMBH	SWMBH	809	774	N/A	N/A	45	43	43	4	9.3%	
Total		8,868	8,471			505	483	480	104	21.8%	1.8%
<b>Vending Machines</b>											
Det-Wayne	Det-Wayne	3	0	N/A	N/A	0	0	0	0	0.0%	



LRE	LRE	0	0	N/A	N/A	0	0	0	0	0.0%	
Macon	Macon	1	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%	
NorthCar	NorthCar	3	0	N/A	N/A	1	0	0	0	0.0%	
Oakland	Oakland	0	0	N/A	N/A	0	0	0	0	0.0%	
Region10	Region10	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		9	0			1	0	0	0	0.0%	0.0%

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

STATE: MI  
FFY: 2022

Disposition Code	Description	Count	Subtotal
EC	Eligible and inspection complete outlet	480	
Total (Eligible Completes)			480
N1	In operation but closed at time of visit	0	
N2	Unsafe to access	0	
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)			3
I1	Out of Business	7	
I2	Does not sell tobacco products	4	
I3	Inaccessible by youth	3	
I4	Private club or private residence	1	
I5	Temporary closure	5	
I6	Can't be located	1	
I7	Wholesale only/Carton sale only	0	
I8	Vending machine broken	1	
I9	Duplicate	1	
I10	Other ineligibility	0	
Total (Ineligibles)			23
Grand Total			506

**Give reasons and counts for other noncompletion:**

Reason	Count
Outlet is on an island.	1

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

STATE: MI  
FFY: 2022

**Frequency Distribution**

Gender	Age	Number of Inspectors	Attempted Buys	Successful Buys
Male	14	0	0	0
	15	0	0	0
	16	8	45	15
	17	14	90	23
	18	3	9	0
	19	6	31	11
	20	4	20	9
	Subtotal		35	195
Female	14	0	0	0
	15	0	0	0
	16	10	65	8
	17	19	134	19
	18	13	61	14
	19	7	25	5
	20	0	0	0
	Subtotal		49	285
Other		0	0	0
Grand Total		84	480	104

**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	33.3%	12.3%	20.9%
17	25.6%	14.2%	18.8%
18	0.0%	23.0%	20.0%
19	35.5%	20.0%	28.6%
20	45.0%	0.0%	45.0%
Other			0.0%
Total	29.7%	16.1%	21.7%

Type of Product (Cigarettes (1), Small Cigars/Cigarillos (2), Smokeless Tobacco (3), ENDS (4), Other

Outlet ID	Sampling Station	Population	Variance	Population	Response	Violation	F	Outlet Typ	Youth Insp	Youth Insp	Youth Insp	VM	Frame (5)	Retail Outl	Clerk asked	Youth Inspector	for ID (Y=yes, N=no)
R1-0389	NorthCare 402	NorthCare 402	EC	1	OTC	NCN02	M	16	3	3	1	N					
R1-0390	NorthCare 402	NorthCare 402	EC	0	OTC	NCN03	F	19	3	3	1	Y					
R1-0007	NorthCare 402	NorthCare 402	EC	0	OTC	NCN02	M	16	3	3	1	Y					
R1-0521	NorthCare 402	NorthCare 402	I8		VM	NCN01	M	17	3	3							
R1-0471	NorthCare 402	NorthCare 402	EC	0	OTC	NCN04	M	19	3	1	7	Y					
R1-0131	NorthCare 402	NorthCare 402	EC	1	OTC	NCN04	M	19	3	1	1	Y					
R1-0128	NorthCare 402	NorthCare 402	EC	0	OTC	NCN04	M	19	3	1	1	Y					
R1-0132	NorthCare 402	NorthCare 402	EC	0	OTC	NCN04	M	19	3	1	1	Y					
R1-0491	NorthCare 402	NorthCare 402	EC	0	OTC	NCN04	M	19	3	1	1	Y					
R1-0166	NorthCare 402	NorthCare 402	EC	0	OTC	NCN05	F	16	3	1	7	Y					
R1-0076	NorthCare 402	NorthCare 402	EC	0	OTC	NCN06	M	20	3	1	6	Y					
R1-0079	NorthCare 402	NorthCare 402	EC	0	OTC	NCN07	F	18	3	1	7	Y					
R1-0051	NorthCare 402	NorthCare 402	EC	1	OTC	NCN06	M	20	3	1	5	Y					
R1-0516	NorthCare 402	NorthCare 402	EC	0	OTC	NCN07	F	18	3	1	1	Y					
R1-0164	NorthCare 402	NorthCare 402	EC	0	OTC	NCN05	F	16	3	1	7	Y					
R1-0182	NorthCare 402	NorthCare 402	EC	0	OTC	NCN05	F	16	3	1	5	Y					
R1-0374	NorthCare 402	NorthCare 402	EC	0	OTC	NCN05	F	16	3	1	1	Y					
R1-0373	NorthCare 402	NorthCare 402	EC	0	OTC	NCN05	F	16	3	1	7	Y					
R1-0478	NorthCare 402	NorthCare 402	EC	0	OTC	NCN05	F	16	3	1	7	Y					
R1-0017	NorthCare 402	NorthCare 402	EC	0	OTC	NCN05	F	16	3	1	5	Y					
R1-0477	NorthCare 402	NorthCare 402	EC	0	OTC	NCN05	F	16	3	1	7	Y					
R1-0457	NorthCare 402	NorthCare 402	EC	1	OTC	NCN08	F	17	3	1	7	Y					
R1-0363	NorthCare 402	NorthCare 402	EC	0	OTC	NCN08	F	17	3	1	5	Y					
R1-0443	NorthCare 402	NorthCare 402	EC	0	OTC	NCN08	F	17	3	1	1	Y					
R1-0459	NorthCare 402	NorthCare 402	EC	0	OTC	NCN08	F	17	3	1	7	Y					
R1-0293	NorthCare 402	NorthCare 402	EC	0	OTC	NCN09	F	18	3	4	7	Y					
R1-0316	NorthCare 402	NorthCare 402	EC	0	OTC	NCN09	F	18	3	2	2	Y					
R1-0254	NorthCare 402	NorthCare 402	EC	0	OTC	NCN09	F	18	3	1	5	Y					
R1-0256	NorthCare 402	NorthCare 402	EC	0	OTC	NCN09	F	18	3	1	1	Y					
R1-0480	NorthCare 402	NorthCare 402	EC	0	OTC	NCN09	F	18	3	1	7	Y					
R2-0103	NMRE 701	NMRE 701	N9		OTC	NMRH1	F	18	0		5						
R2-0131	NMRE 701	NMRE 701	EC	0	OTC	NMRH1	F	18	0	1	1	Y					
R2-0218	NMRE 701	NMRE 701	EC	0	OTC	NMRH1	F	18	0	3	2	Y					
R2-0235	NMRE 701	NMRE 701	EC	0	OTC	NMRH1	F	18	0	3	5	Y					
R2-0002	NMRE 701	NMRE 701	I5		OTC	NMRD1	M	17	0		1						
R2-0004	NMRE 701	NMRE 701	EC	0	OTC	NMRD1	M	17	0	1	7	Y					
R2-0495	NMRE 701	NMRE 701	EC	0	OTC	NMRD1	M	17	0	1	5	Y					
R2-0496	NMRE 701	NMRE 701	EC	0	OTC	NMRD1	M	17	0	1	1	Y					
R2-0510	NMRE 701	NMRE 701	EC	1	OTC	NMRD1	M	17	0	1	1	Y					
R2-0520	NMRE 701	NMRE 701	EC	0	OTC	NMRD1	M	17	0	1	7	Y					
R2-0530	NMRE 701	NMRE 701	EC	0	OTC	NMRD1	M	17	0	2	1	Y					
R2-0539	NMRE 701	NMRE 701	EC	0	OTC	NMRD1	M	17	0	2	7	Y					
R2-0029	NMRE 701	NMRE 701	EC	0	OTC	NMRC3	M	16	0	1	1	Y					
R2-0141	NMRE 701	NMRE 701	EC	1	OTC	NMRC3	M	16	0	1	7	Y					
R2-0726	NMRE 701	NMRE 701	EC	0	OTC	NMRC3	M	16	0	1	1	Y					
R2-0187	NMRE 701	NMRE 701	EC	0	OTC	NMRC4	F	16	0	1	1	Y					
R2-0260	NMRE 701	NMRE 701	EC	0	OTC	NMRC1	M	16	0	1	1	Y					
R2-0272	NMRE 701	NMRE 701	EC	0	OTC	NMRC4	F	16	0	1	1	Y					
R2-0284	NMRE 701	NMRE 701	I2		OTC	NMRC5	F	17	0		7						
R2-0292	NMRE 701	NMRE 701	EC	0	OTC	NMRC1	M	16	0	1	1	Y					
R2-0742	NMRE 701	NMRE 701	I4		OTC	NMRC4	F	16	0		7						
R2-0377	NMRE 701	NMRE 701	EC	0	OTC	NMRC1	M	16	0	1	5	Y					
R2-0393	NMRE 701	NMRE 701	EC	0	OTC	NMRC1	M	16	0	4	1	Y					
R2-0398	NMRE 701	NMRE 701	EC	1	OTC	NMRC4	F	16	0	1	1	Y					
R2-0417	NMRE 701	NMRE 701	EC	0	OTC	NMRC5	F	17	0	1	7	Y					
R2-0436	NMRE 701	NMRE 701	EC	0	OTC	NMRC4	F	16	0	1	1	Y					
R2-0452	NMRE 701	NMRE 701	EC	0	OTC	NMRC4	F	16	0	4	1	Y					
R2-0768	NMRE 701	NMRE 701	EC	0	OTC	NMRC4	F	16	0	2	7	Y					
R2-0881	NMRE 701	NMRE 701	EC	0	OTC	NMRC4	F	16	0	1	1	Y					
R2-0464	NMRE 701	NMRE 701	EC	0	OTC	NMRC5	F	17	0	4	1	Y					
R2-0465	NMRE 701	NMRE 701	EC	0	OTC	NMRC4	F	16	0	1	1	Y					
R2-0485	NMRE 701	NMRE 701	EC	0	OTC	NMRC3	M	16	0	1	1	Y					
R2-0489	NMRE 701	NMRE 701	EC	0	OTC	NMRC3	M	16	0	1	5	Y					
R2-0572	NMRE 701	NMRE 701	EC	0	OTC	NMRC3	M	16	0	1	1	Y					
R2-0604	NMRE 701	NMRE 701	EC	0	OTC	NMRC3	M	16	0	1	1	Y					
R2-0620	NMRE 701	NMRE 701	EC	0	OTC	NMRC3	M	16	0	1	1	Y					
R2-0866	NMRE 701	NMRE 701	EC	0	OTC	NMRC4	F	16	0	1	7	Y					
R2-0894	NMRE 701	NMRE 701	EC	0	OTC	NMRC3	M	16	0	1	7	Y					
R2-0797	NMRE 701	NMRE 701	EC	0	OTC	NMRC1	M	16	0	1	5	Y					
R3-0653	LRE 815	LRE 815	EC	0	OTC	LRE06	F	19	0	1	1	Y					
R3-0086	LRE 815	LRE 815	EC	0	OTC	LRE02	F	17	0	1	5	Y					
R3-0054	LRE 815	LRE 815	EC	0	OTC	LRE02	F	17	0	1	1	Y					

R3-1128	LRE	815	LRE	815	EC	0	OTC	LRE02	F	17	0	1	7	Y
R3-0061	LRE	815	LRE	815	EC	0	OTC	LRE02	F	17	0	1	1	Y
R3-0010	LRE	815	LRE	815	EC	0	OTC	LRE02	F	17	0	1	6	Y
R3-0011	LRE	815	LRE	815	EC	0	OTC	LRE02	F	17	0	1	7	Y
R3-1100	LRE	815	LRE	815	EC	0	OTC	LRE05	F	17	0	1	7	Y
R3-0351	LRE	815	LRE	815	EC	1	OTC	LRE05	F	17	0	1	1	Y
R3-0286	LRE	815	LRE	815	EC	0	OTC	LRE05	F	17	0	1	1	Y
R3-0453	LRE	815	LRE	815	EC	0	OTC	LRE05	F	17	0	1	6	Y
R3-0450	LRE	815	LRE	815	EC	0	OTC	LRE05	F	17	0	1	6	Y
R3-0449	LRE	815	LRE	815	EC	1	OTC	LRE05	F	17	0	1	1	Y
R3-0097	LRE	815	LRE	815	EC	0	OTC	LRE05	F	17	0	1	1	Y
R3-1079	LRE	815	LRE	815	EC	0	OTC	LRE05	F	17	0	1	5	Y
R3-1080	LRE	815	LRE	815	EC	0	OTC	LRE04	F	17	0	1	5	Y
R3-0366	LRE	815	LRE	815	EC	0	OTC	LRE04	F	17	0	1	6	Y
R3-0234	LRE	815	LRE	815	EC	0	OTC	LRE04	F	17	0	1	5	Y
R3-0258	LRE	815	LRE	815	EC	0	OTC	LRE04	F	17	0	1	7	Y
R3-0315	LRE	815	LRE	815	EC	0	OTC	LRE04	F	17	0	1	1	Y
R3-0412	LRE	815	LRE	815	EC	0	OTC	LRE04	F	17	0	1	7	Y
R3-0537	LRE	815	LRE	815	EC	0	OTC	LRE04	F	17	0	1	6	Y
R3-1057	LRE	815	LRE	815	EC	0	OTC	LRE04	F	17	0	1	2	Y
R3-0900	LRE	815	LRE	815	EC	1	OTC	LRE04	F	17	0	1	7	N
R3-0525	LRE	815	LRE	815	EC	0	OTC	LRE04	F	17	0	1	7	Y
R3-0382	LRE	815	LRE	815	EC	0	OTC	LRE03	F	17	0	1	7	Y
R3-0201	LRE	815	LRE	815	EC	0	OTC	LRE03	F	17	0	1	7	Y
R3-0341	LRE	815	LRE	815	EC	0	OTC	LRE03	F	17	0	1	1	Y
R3-0357	LRE	815	LRE	815	EC	1	OTC	LRE03	F	17	0	1	6	Y
R3-0285	LRE	815	LRE	815	EC	1	OTC	LRE03	F	17	0	1	1	N
R3-0461	LRE	815	LRE	815	EC	0	OTC	LRE03	F	17	0	1	7	Y
R3-0480	LRE	815	LRE	815	EC	0	OTC	LRE03	F	17	0	1	1	Y
R3-0986	LRE	815	LRE	815	EC	0	OTC	LRE01	F	18	0	1	1	Y
R3-0998	LRE	815	LRE	815	EC	0	OTC	LRE01	F	18	0	1	1	Y
R3-0684	LRE	815	LRE	815	EC	0	OTC	LRE01	F	18	0	1	1	Y
R3-0735	LRE	815	LRE	815	EC	0	OTC	LRE02	F	17	0	1	7	Y
R3-0739	LRE	815	LRE	815	EC	1	OTC	LRE02	F	17	0	1	7	Y
R3-0743	LRE	815	LRE	815	IS		OTC	LRE02	F	17	0		1	
R3-0766	LRE	815	LRE	815	EC	0	OTC	LRE02	F	17	0	1	1	Y
R3-0784	LRE	815	LRE	815	EC	0	OTC	LRE02	F	17	0	1	7	Y
R3-0790	LRE	815	LRE	815	EC	1	OTC	LRE02	F	17	0	1	1	N
R3-0794	LRE	815	LRE	815	EC	0	OTC	LRE02	F	17	0	1	1	Y
R3-0799	LRE	815	LRE	815	EC	0	OTC	LRE02	F	17	0	1	6	Y
R3-0807	LRE	815	LRE	815	EC	0	OTC	LRE02	F	17	0	1	1	Y
R3-0849	LRE	815	LRE	815	EC	0	OTC	LRE02	F	17	0	1	7	Y
R3-1003	LRE	815	LRE	815	EC	0	OTC	LRE02	F	17	0	1	6	Y
R4-0083	SWMBH	810	SWMBH	810	EC	1	OTC	SWM21	F	19	1	1	1	N
R4-0087	SWMBH	810	SWMBH	810	II		OTC	SWM22	M	18	1		7	
R4-0107	SWMBH	810	SWMBH	810	EC	0	OTC	SWM22	M	18	1	1	6	Y
R4-0112	SWMBH	810	SWMBH	810	EC	0	OTC	SWM21	F	19	1	1	6	Y
R4-0117	SWMBH	810	SWMBH	810	EC	0	OTC	SWM21	F	19	1	1	7	Y
R4-0126	SWMBH	810	SWMBH	810	EC	0	OTC	SWM22	M	18	1	1	7	Y
R4-0140	SWMBH	810	SWMBH	810	EC	0	OTC	SWM22	M	18	1	1	1	Y
R4-0185	SWMBH	810	SWMBH	810	EC	1	OTC	SWM21	F	19	1	1	5	Y
R4-0243	SWMBH	810	SWMBH	810	EC	0	OTC	SWM21	F	19	1	1	7	Y
R4-0248	SWMBH	810	SWMBH	810	EC	0	OTC	SWM22	M	18	1	1	1	Y
R4-0274	SWMBH	810	SWMBH	810	EC	1	OTC	SWM31	M	17	1	1	1	N
R4-0282	SWMBH	810	SWMBH	810	EC	0	OTC	SWM31	M	17	1	4	7	Y
R4-0284	SWMBH	810	SWMBH	810	EC	0	OTC	SWM31	M	17	1	1	1	Y
R4-0286	SWMBH	810	SWMBH	810	EC	0	OTC	SWM31	M	17	1	1	1	Y
R4-1051	SWMBH	810	SWMBH	810	EC	0	OTC	SWM32	M	20	1	4	2	Y
R4-0307	SWMBH	810	SWMBH	810	EC	0	OTC	SWM41	F	17	1	2	1	Y
R4-0309	SWMBH	810	SWMBH	810	EC	0	OTC	SWM42	M	17	1	2	1	Y
R4-0311	SWMBH	810	SWMBH	810	EC	0	OTC	SWM42	M	17	1	2	1	Y
R4-0337	SWMBH	810	SWMBH	810	EC	0	OTC	SWM41	F	17	1	2	1	Y
R4-0385	SWMBH	810	SWMBH	810	EC	0	OTC	SWM41	F	17	1	2	1	Y
R4-0402	SWMBH	810	SWMBH	810	EC	0	OTC	SWM41	F	17	1	1	6	Y
R4-0413	SWMBH	810	SWMBH	810	EC	0	OTC	SWM42	M	17	1	2	1	Y
R4-0418	SWMBH	810	SWMBH	810	EC	0	OTC	SWM41	F	17	1	1	6	Y
R4-0865	SWMBH	810	SWMBH	810	EC	0	OTC	SWM42	M	17	1	2	7	Y
R4-0911	SWMBH	810	SWMBH	810	EC	0	OTC	SWM42	M	17	1	2	1	N
R4-0999	SWMBH	810	SWMBH	810	EC	0	OTC	SWM41	F	17	1	2	7	Y
R4-0468	SWMBH	810	SWMBH	810	EC	0	OTC	SWM51	M	17	1	1	5	Y
R4-0539	SWMBH	810	SWMBH	810	EC	0	OTC	SWM61	F	16	1	1	7	Y
R4-0547	SWMBH	810	SWMBH	810	EC	0	OTC	SWM61	F	16	1	1	1	Y
R4-0550	SWMBH	810	SWMBH	810	II		OTC	SWM62	M	17	1		1	
R4-0599	SWMBH	810	SWMBH	810	EC	0	OTC	SWM62	M	17	1	1	7	Y
R4-0605	SWMBH	810	SWMBH	810	EC	0	OTC	SWM62	M	17	1	1	1	Y
R4-0613	SWMBH	810	SWMBH	810	EC	0	OTC	SWM62	M	17	1	4	1	N
R4-0636	SWMBH	810	SWMBH	810	EC	0	OTC	SWM61	F	16	1	1	7	Y
R4-0647	SWMBH	810	SWMBH	810	EC	0	OTC	SWM62	M	17	1	1	1	Y
R4-0652	SWMBH	810	SWMBH	810	EC	0	OTC	SWM71	M	18	1	1	1	Y
R4-0662	SWMBH	810	SWMBH	810	EC	0	OTC	SWM71	M	18	1	1	1	Y
R4-0674	SWMBH	810	SWMBH	810	EC	0	OTC	SWM71	M	18	1	1	1	Y
R4-0906	SWMBH	810	SWMBH	810	EC	0	OTC	SWM71	M	18	1	3	1	Y
R4-0717	SWMBH	810	SWMBH	810	EC	0	OTC	SWM81	F	18	1	1	1	Y
R4-0726	SWMBH	810	SWMBH	810	EC	0	OTC	SWM81	F	18	1	1	7	Y
R4-0754	SWMBH	810	SWMBH	810	EC	0	OTC	SWM81	F	18	1	1	7	N
R4-0777	SWMBH	810	SWMBH	810	EC	0	OTC	SWM81	F	18	1	4	1	Y
R4-0796	SWMBH	810	SWMBH	810	EC	0	OTC	SWM81	F	18	1	1	7	Y
R4-0947	SWMBH	810	SWMBH	810	EC	1	OTC	SWM81	F	18	1	1	1	N

R5-0005	MSHN	1603	MSHN	1603	EC	0	OTC	MHN01	M	19	1	1	5	Y
R5-0022	MSHN	1603	MSHN	1603	EC	0	OTC	MHN01	M	19	1	1	1	Y
R5-0024	MSHN	1603	MSHN	1603	EC	0	OTC	MHN01	M	19	1	1	7	Y
R5-0035	MSHN	1603	MSHN	1603	EC	0	OTC	MHN02	M	19	1	2	1	Y
R5-0060	MSHN	1603	MSHN	1603	EC	0	OTC	MHN02	M	19	1	1	1	Y
R5-0094	MSHN	1603	MSHN	1603	EC	0	OTC	MHN02	M	19	1	1	6	Y
R5-0155	MSHN	1603	MSHN	1603	EC	1	OTC	MHN02	M	19	1	2	5	Y
R5-0169	MSHN	1603	MSHN	1603	EC	0	OTC	MHN10	M	20	1	4	1	Y
R5-0173	MSHN	1603	MSHN	1603	EC	0	OTC	MHN03	F	17	1	3	6	Y
R5-0186	MSHN	1603	MSHN	1603	EC	0	OTC	MHN03	F	17	1	1	7	Y
R5-0251	MSHN	1603	MSHN	1603	EC	0	OTC	MHN04	F	18	1	1	1	Y
R5-0276	MSHN	1603	MSHN	1603	EC	0	OTC	MHN04	F	18	1	1	7	Y
R5-0282	MSHN	1603	MSHN	1603	EC	0	OTC	MHN05	F	19	1	1	1	Y
R5-0303	MSHN	1603	MSHN	1603	EC	0	OTC	MHN05	F	19	1	1	7	Y
R5-0304	MSHN	1603	MSHN	1603	EC	1	OTC	MHN05	F	19	1	1	7	Y
R5-0331	MSHN	1603	MSHN	1603	EC	0	OTC	MHN05	F	19	1	1	5	Y
R5-0355	MSHN	1603	MSHN	1603	EC	0	OTC	MHN03	F	17	1	4	1	Y
R5-0373	MSHN	1603	MSHN	1603	EC	0	OTC	MHN03	F	17	1	4	1	Y
R5-0394	MSHN	1603	MSHN	1603	EC	0	OTC	MHN06	F	19	1	1	1	Y
R5-0407	MSHN	1603	MSHN	1603	EC	0	OTC	MHN06	F	19	1	1	6	Y
R5-0457	MSHN	1603	MSHN	1603	EC	0	OTC	MHN07	M	19	1	1	1	Y
R5-0492	MSHN	1603	MSHN	1603	N4		OTC	MHN08	F	17	1		7	
R5-0493	MSHN	1603	MSHN	1603	EC	0	OTC	MHN08	F	17	1	1	7	Y
R5-0513	MSHN	1603	MSHN	1603	EC	0	OTC	MHN08	F	17	1	4	1	Y
R5-0580	MSHN	1603	MSHN	1603	EC	0	OTC	MHN22	M	17	1	1	6	Y
R5-0596	MSHN	1603	MSHN	1603	EC	0	OTC	MHN22	M	17	1	1	1	Y
R5-0604	MSHN	1603	MSHN	1603	EC	0	OTC	MHN22	M	17	1	1	7	Y
R5-0612	MSHN	1603	MSHN	1603	EC	0	OTC	MHN22	M	17	1	1	1	Y
R5-0672	MSHN	1603	MSHN	1603	EC	0	OTC	MHN22	M	17	1	1	1	Y
R5-0683	MSHN	1603	MSHN	1603	EC	0	OTC	MHN22	M	17	1	1	7	Y
R5-0730	MSHN	1603	MSHN	1603	EC	0	OTC	MHN22	M	17	1	1	5	N
R5-0745	MSHN	1603	MSHN	1603	EC	0	OTC	MHN22	M	17	1	1	5	Y
R5-0747	MSHN	1603	MSHN	1603	EC	0	OTC	MHN22	M	17	1	1	1	Y
R5-0775	MSHN	1603	MSHN	1603	EC	0	OTC	MHN22	M	17	1	2	3	Y
R5-0792	MSHN	1603	MSHN	1603	EC	0	OTC	MHN22	M	17	1	1	1	Y
R5-0808	MSHN	1603	MSHN	1603	EC	0	OTC	MHN09	F	16	1	1	1	Y
R5-0890	MSHN	1603	MSHN	1603	EC	0	OTC	MHN10	M	20	1	4	1	Y
R5-0914	MSHN	1603	MSHN	1603	EC	0	OTC	MHN10	M	20	1	1	5	Y
R5-0922	MSHN	1603	MSHN	1603	EC	0	OTC	MHN12	F	19	1	2	7	Y
R5-0925	MSHN	1603	MSHN	1603	EC	0	OTC	MHN12	F	19	1	2	7	Y
R5-0929	MSHN	1603	MSHN	1603	EC	1	OTC	MHN12	F	19	1	2	7	N
R5-0931	MSHN	1603	MSHN	1603	EC	1	OTC	MHN11	M	20	1	3	5	N
R5-0952	MSHN	1603	MSHN	1603	EC	1	OTC	MHN11	M	20	1	3	1	Y
R5-0962	MSHN	1603	MSHN	1603	EC	1	OTC	MHN11	M	20	1	3	7	N
R5-0992	MSHN	1603	MSHN	1603	EC	1	OTC	MHN11	M	20	1	3	7	N
R5-1009	MSHN	1603	MSHN	1603	EC	0	OTC	MHN11	M	20	1	3	7	Y
R5-1027	MSHN	1603	MSHN	1603	EC	1	OTC	MHN11	M	20	1	3	1	N
R5-1074	MSHN	1603	MSHN	1603	EC	1	OTC	MHN12	F	19	1	2	7	N
R5-1080	MSHN	1603	MSHN	1603	EC	0	OTC	MHN11	M	20	1	3	1	Y
R5-1081	MSHN	1603	MSHN	1603	EC	0	OTC	MHN12	F	19	1	2	7	Y
R5-1106	MSHN	1603	MSHN	1603	EC	0	OTC	MHN10	M	20	1	1	6	Y
R5-1108	MSHN	1603	MSHN	1603	EC	0	OTC	MHN10	M	20	1	1	1	Y
R5-1126	MSHN	1603	MSHN	1603	EC	0	OTC	MHN10	M	20	1	1	1	Y
R5-1139	MSHN	1603	MSHN	1603	EC	0	OTC	MHN14	M	16	1	1	7	Y
R5-1155	MSHN	1603	MSHN	1603	EC	0	OTC	MHN14	M	16	1	1	1	Y
R5-1173	MSHN	1603	MSHN	1603	I5		OTC	MHN13	M	18	1		7	
R5-1194	MSHN	1603	MSHN	1603	EC	0	OTC	MHN14	M	16	1	1	1	Y
R5-1264	MSHN	1603	MSHN	1603	EC	1	OTC	MHN15	F	18	1	1	1	Y
R5-1270	MSHN	1603	MSHN	1603	EC	0	OTC	MHN15	F	18	1	1	5	Y
R5-1282	MSHN	1603	MSHN	1603	EC	1	OTC	MHN15	F	18	1	1	5	Y
R5-1283	MSHN	1603	MSHN	1603	EC	0	OTC	MHN15	F	18	1	1	7	Y
R5-1359	MSHN	1603	MSHN	1603	EC	0	OTC	MHN10	M	20	1	1	7	Y
R5-1366	MSHN	1603	MSHN	1603	EC	1	OTC	MHN10	M	20	1	1	5	N
R5-1378	MSHN	1603	MSHN	1603	EC	0	OTC	MHN19	F	17	1	2	1	Y
R5-1392	MSHN	1603	MSHN	1603	EC	0	OTC	MHN17	F	18	1	2	1	Y
R5-1402	MSHN	1603	MSHN	1603	EC	0	OTC	MHN18	F	17	1	3	1	Y
R5-1411	MSHN	1603	MSHN	1603	EC	1	OTC	MHN19	F	17	1	1	1	N
R5-1418	MSHN	1603	MSHN	1603	EC	0	OTC	MHN19	F	17	1	1	7	Y
R5-1530	MSHN	1603	MSHN	1603	EC	0	OTC	MHN18	F	17	1	2	1	Y
R5-1533	MSHN	1603	MSHN	1603	EC	1	OTC	MHN17	F	18	1	2	1	Y
R5-1645	MSHN	1603	MSHN	1603	EC	0	OTC	MHN21	F	18	1	1	7	Y
R5-1657	MSHN	1603	MSHN	1603	EC	0	OTC	MHN21	F	18	1	1	7	Y
R5-1665	MSHN	1603	MSHN	1603	EC	0	OTC	MHN21	F	18	1	1	7	Y
R5-1707	MSHN	1603	MSHN	1603	EC	1	OTC	MHN04	F	18	1	1	1	Y
R5-1820	MSHN	1603	MSHN	1603	EC	0	OTC	MHN17	F	18	1	1	1	Y
R5-1867	MSHN	1603	MSHN	1603	EC	0	OTC	MHN21	F	18	1	1	7	Y
R5-1874	MSHN	1603	MSHN	1603	EC	0	OTC	MHN20	M	17	1	1	1	Y
R5-1879	MSHN	1603	MSHN	1603	EC	0	OTC	MHN16	F	16	1	1	7	Y
R5-1882	MSHN	1603	MSHN	1603	EC	0	OTC	MHN12	F	19	1	2	7	Y
R5-1920	MSHN	1603	MSHN	1603	EC	0	OTC	MHN12	F	19	1	2	7	Y
R5-1922	MSHN	1603	MSHN	1603	EC	0	OTC	MHN02	M	19	1	1	7	Y
R5-1949	MSHN	1603	MSHN	1603	EC	1	OTC	MHN10	M	20	1	1	1	N
R5-1987	MSHN	1603	MSHN	1603	EC	0	OTC	MHN12	F	19	1	2	1	N
R5-1990	MSHN	1603	MSHN	1603	EC	0	OTC	MHN04	F	18	1	1	1	Y
R5-1992	MSHN	1603	MSHN	1603	EC	1	OTC	MHN11	M	20	1	3	1	Y
R5-1996	MSHN	1603	MSHN	1603	I3		OTC	MHN19	F	17	1		2	
R5-2028	MSHN	1603	MSHN	1603	EC	0	OTC	MHN02	M	19	1	4	2	Y
R5-2042	MSHN	1603	MSHN	1603	N7		OTC	MHN11	M	20	1		7	



R7-1642	Det-Waynr 1737	Det-Waynr 1737	EC	0	OTC	DWI07	F	16	3	1	7	Y
R7-1681	Det-Waynr 1737	Det-Waynr 1737	EC	1	OTC	DWI08	F	17	3	1	1	N
R7-1686	Det-Waynr 1737	Det-Waynr 1737	EC	0	OTC	DWI08	F	17	3	1	1	Y
R7-1687	Det-Waynr 1737	Det-Waynr 1737	EC	0	OTC	DWI08	F	17	3	1	1	Y
R7-1789	Det-Waynr 1737	Det-Waynr 1737	EC	0	OTC	DWI08	F	17	3	1	1	Y
R7-1815	Det-Waynr 1737	Det-Waynr 1737	EC	0	OTC	DWI08	F	17	3	1	1	Y
R7-1821	Det-Waynr 1737	Det-Waynr 1737	EC	1	OTC	DWI08	F	17	3	1	2	N
R7-1836	Det-Waynr 1737	Det-Waynr 1737	EC	0	OTC	DWI08	F	17	3	1	6	Y
R7-1837	Det-Waynr 1737	Det-Waynr 1737	EC	0	OTC	DWI08	F	17	3	1	6	Y
R7-1853	Det-Waynr 1737	Det-Waynr 1737	EC	0	OTC	DWI08	F	17	3	1	1	Y
R7-1856	Det-Waynr 1737	Det-Waynr 1737	EC	0	OTC	DWI08	F	17	3	1	6	Y
R7-1876	Det-Waynr 1737	Det-Waynr 1737	EC	1	OTC	DWI08	F	17	3	1	2	N
R7-1879	Det-Waynr 1737	Det-Waynr 1737	EC	0	OTC	DWI08	F	17	3	1	6	Y
R7-1930	Det-Waynr 1737	Det-Waynr 1737	EC	0	OTC	DWI09	F	17	3	1	7	N
R7-1945	Det-Waynr 1737	Det-Waynr 1737	EC	0	OTC	DWI09	F	17	3	1	7	Y
R7-1955	Det-Waynr 1737	Det-Waynr 1737	EC	0	OTC	DWI09	F	17	3	1	1	Y
R7-1957	Det-Waynr 1737	Det-Waynr 1737	EC	0	OTC	DWI09	F	17	3	1	1	Y
R7-2103	Det-Waynr 1737	Det-Waynr 1737	EC	1	OTC	DWI11	M	17	3	1	1	N
R7-2104	Det-Waynr 1737	Det-Waynr 1737	I2		OTC	DWI13	M	17	3		5	
R7-2105	Det-Waynr 1737	Det-Waynr 1737	I5		OTC	DWI13	M	17	3		1	
R7-2137	Det-Waynr 1737	Det-Waynr 1737	EC	1	OTC	DWI11	M	17	3	1	1	N
R7-2175	Det-Waynr 1737	Det-Waynr 1737	EC	0	OTC	DWI10	F	16	3	1	7	N
R7-2213	Det-Waynr 1737	Det-Waynr 1737	EC	1	OTC	DWI13	M	17	3	1	1	N
R7-2229	Det-Waynr 1737	Det-Waynr 1737	EC	0	OTC	DWI10	F	16	3	1	1	N
R7-2250	Det-Waynr 1737	Det-Waynr 1737	I1		OTC	DWI11	M	17	3		7	
R7-2252	Det-Waynr 1737	Det-Waynr 1737	I9		OTC	DWI11	M	17	3		1	
R7-2269	Det-Waynr 1737	Det-Waynr 1737	EC	0	OTC	DWI11	M	17	3	1	7	Y
R7-2282	Det-Waynr 1737	Det-Waynr 1737	EC	1	OTC	DWI10	F	16	3	1	7	N
R7-2283	Det-Waynr 1737	Det-Waynr 1737	EC	0	OTC	DWI09	F	17	3	1	2	N
R7-2284	Det-Waynr 1737	Det-Waynr 1737	EC	1	OTC	DWI13	M	17	3	1	1	N
R7-2293	Det-Waynr 1737	Det-Waynr 1737	EC	0	OTC	DWI11	M	17	3	1	7	Y
R7-2322	Det-Waynr 1737	Det-Waynr 1737	EC	1	OTC	DWI12	M	16	3	4	1	N
R7-2340	Det-Waynr 1737	Det-Waynr 1737	EC	1	OTC	DWI12	M	16	3	2	1	N
R7-2343	Det-Waynr 1737	Det-Waynr 1737	EC	0	OTC	DWI08	F	17	3	4	7	Y
R7-2355	Det-Waynr 1737	Det-Waynr 1737	EC	1	OTC	DWI08	F	17	3	1	1	N
R7-2366	Det-Waynr 1737	Det-Waynr 1737	EC	1	OTC	DWI12	M	16	3	2	1	N
R7-2371	Det-Waynr 1737	Det-Waynr 1737	EC	1	OTC	DWI07	F	16	3	4	2	N
R7-2384	Det-Waynr 1737	Det-Waynr 1737	EC	0	OTC	DWI09	F	17	3	1	2	Y
R7-2386	Det-Waynr 1737	Det-Waynr 1737	EC	0	OTC	DWI09	F	17	3	1	7	Y
R7-2388	Det-Waynr 1737	Det-Waynr 1737	EC	0	OTC	DWI12	M	16	3	1	7	Y
R7-2394	Det-Waynr 1737	Det-Waynr 1737	EC	1	OTC	DWI13	M	17	3	1	5	N
R7-2436	Det-Waynr 1737	Det-Waynr 1737	EC	1	OTC	DWI11	M	17	3	2	7	N
R7-2482	Det-Waynr 1737	Det-Waynr 1737	EC	1	OTC	DWI12	M	16	3	1	7	N
R7-2504	Det-Waynr 1737	Det-Waynr 1737	EC	1	OTC	DWI13	M	17	3	1	7	N
R8-1053	Oakland 842	Oakland 842	EC	0	OTC	OCC05	M	17	0	4	2	Y
R8-0428	Oakland 842	Oakland 842	EC	0	OTC	OCC05	M	17	0	1	7	Y
R8-0423	Oakland 842	Oakland 842	EC	0	OTC	OCC05	M	17	0	1	7	Y
R8-0405	Oakland 842	Oakland 842	EC	1	OTC	OCC05	M	17	0	4	1	N
R8-0098	Oakland 842	Oakland 842	EC	0	OTC	OCC06	F	17	0	1	1	Y
R8-0285	Oakland 842	Oakland 842	EC	0	OTC	OCC07	M	17	0	1	2	Y
R8-0820	Oakland 842	Oakland 842	EC	0	OTC	OCC07	M	17	0	1	1	Y
R8-0192	Oakland 842	Oakland 842	EC	1	OTC	OCC04	F	16	0	4	1	N
R8-0877	Oakland 842	Oakland 842	EC	1	OTC	OCC07	M	17	0	1	1	N
R8-0210	Oakland 842	Oakland 842	EC	0	OTC	OCC04	F	16	0	4	7	Y
R8-0655	Oakland 842	Oakland 842	EC	0	OTC	OCC04	F	16	0	1	5	Y
R8-0398	Oakland 842	Oakland 842	EC	0	OTC	OCC07	M	17	0	1	1	Y
R8-0842	Oakland 842	Oakland 842	EC	0	OTC	OCC07	M	17	0	1	1	Y
R8-0225	Oakland 842	Oakland 842	EC	0	OTC	OCC07	M	17	0	1	5	Y
R8-0349	Oakland 842	Oakland 842	EC	0	OTC	OCC07	M	17	0	1	7	Y
R8-0485	Oakland 842	Oakland 842	EC	0	OTC	OCC07	M	17	0	1	5	Y
R8-0288	Oakland 842	Oakland 842	EC	0	OTC	OCC04	F	16	0	4	7	Y
R8-0553	Oakland 842	Oakland 842	EC	0	OTC	OCC04	F	16	0	1	1	Y
R8-0304	Oakland 842	Oakland 842	EC	0	OTC	OCC04	F	16	0	4	7	N
R8-0064	Oakland 842	Oakland 842	EC	0	OTC	OCC04	F	16	0	4	1	Y
R8-0449	Oakland 842	Oakland 842	EC	0	OTC	OCC05	M	17	0	1	7	Y
R8-0162	Oakland 842	Oakland 842	EC	0	OTC	OCC06	F	17	0	1	1	Y
R8-0158	Oakland 842	Oakland 842	EC	0	OTC	OCC08	F	16	0	1	7	Y
R8-0181	Oakland 842	Oakland 842	EC	1	OTC	OCC06	F	17	0	4	1	N
R8-0771	Oakland 842	Oakland 842	EC	0	OTC	OCC08	F	16	0	1	6	Y
R8-0867	Oakland 842	Oakland 842	EC	0	OTC	OCC06	F	17	0	4	1	Y
R8-0720	Oakland 842	Oakland 842	EC	1	OTC	OCC08	F	16	0	1	1	N
R8-0011	Oakland 842	Oakland 842	EC	0	OTC	OCC08	F	16	0	1	1	Y
R8-0505	Oakland 842	Oakland 842	I3		OTC	OCC08	F	16	0		2	
R8-0938	Oakland 842	Oakland 842	EC	1	OTC	OCC05	M	17	0	4	7	N
R8-0325	Oakland 842	Oakland 842	EC	0	OTC	OCC05	M	17	0	1	5	Y
R8-0244	Oakland 842	Oakland 842	EC	1	OTC	OCC05	M	17	0	1	5	Y
R8-0913	Oakland 842	Oakland 842	I1		OTC	OCC05	M	17	0		7	
R8-0247	Oakland 842	Oakland 842	EC	0	OTC	OCC06	F	17	0	4	1	Y
R8-0775	Oakland 842	Oakland 842	EC	0	OTC	OCC05	M	17	0	4	1	Y
R8-0780	Oakland 842	Oakland 842	EC	0	OTC	OCC05	M	17	0	1	5	Y
R8-0983	Oakland 842	Oakland 842	EC	0	OTC	OCC05	M	17	0	1	1	Y
R8-0344	Oakland 842	Oakland 842	EC	0	OTC	OCC05	M	17	0	1	6	Y
R8-1019	Oakland 842	Oakland 842	EC	0	OTC	OCC06	F	17	0	1	1	Y
R8-0595	Oakland 842	Oakland 842	EC	1	OTC	OCC05	M	17	0	1	1	Y
R8-0594	Oakland 842	Oakland 842	EC	1	OTC	OCC05	M	17	0	1	1	N
R8-0611	Oakland 842	Oakland 842	EC	0	OTC	OCC05	M	17	0	1	7	Y
R8-0591	Oakland 842	Oakland 842	I1		OTC	OCC06	F	17	0		5	
R8-0861	Oakland 842	Oakland 842	EC	1	OTC	OCC05	M	17	0	1	1	N



R8-0509	Oakland	842	Oakland	842	EC	0	OTC	OCC06	F	17	0	4	7	Y
R8-0511	Oakland	842	Oakland	842	EC	0	OTC	OCC05	M	17	0	4	7	Y
R8-0052	Oakland	842	Oakland	842	EC	0	OTC	OCC05	M	17	0	4	1	Y
R9-0086	Macomb	707	Macomb	707	EC	0	OTC	MCC07	F	17	1	4	2	Y
R9-0238	Macomb	707	Macomb	707	EC	0	OTC	MCC07	F	17	1	4	1	N
R9-0028	Macomb	707	Macomb	707	EC	0	OTC	MCC07	F	17	1	1	2	Y
R9-0017	Macomb	707	Macomb	707	EC	0	OTC	MCC07	F	17	1	1	2	Y
R9-0297	Macomb	707	Macomb	707	EC	0	OTC	MCC07	F	17	1	4	1	Y
R9-0322	Macomb	707	Macomb	707	EC	0	OTC	MCC07	F	17	1	1	1	Y
R9-0422	Macomb	707	Macomb	707	EC	0	OTC	MCC07	F	17	1	1	6	Y
R9-0421	Macomb	707	Macomb	707	EC	0	OTC	MCC07	F	17	1	4	2	Y
R9-0433	Macomb	707	Macomb	707	EC	0	OTC	MCC07	F	17	1	1	6	Y
R9-0390	Macomb	707	Macomb	707	EC	0	OTC	MCC07	F	17	1	4	2	Y
R9-0662	Macomb	707	Macomb	707	EC	0	OTC	MCC08	F	18	1	4	7	Y
R9-0600	Macomb	707	Macomb	707	EC	0	OTC	MCC08	F	18	1	1	1	Y
R9-0673	Macomb	707	Macomb	707	EC	1	OTC	MCC08	F	18	1	1	1	N
R9-0166	Macomb	707	Macomb	707	EC	1	OTC	MCC08	F	18	1	1	7	N
R9-0604	Macomb	707	Macomb	707	EC	0	OTC	MCC08	F	18	1	1	7	Y
R9-0611	Macomb	707	Macomb	707	EC	1	OTC	MCC08	F	18	1	1	1	N
R9-0603	Macomb	707	Macomb	707	EC	1	OTC	MCC08	F	18	1	1	1	N
R9-0654	Macomb	707	Macomb	707	IB	0	OTC	MCC08	F	18	1	1	2	
R9-0674	Macomb	707	Macomb	707	EC	0	OTC	MCC08	F	18	1	4	1	Y
R9-0015	Macomb	707	Macomb	707	EC	0	OTC	MCC08	F	18	1	4	7	Y
R9-0669	Macomb	707	Macomb	707	EC	0	OTC	MCC08	F	18	1	4	7	Y
R9-0691	Macomb	707	Macomb	707	EC	1	OTC	MCC08	F	18	1	4	7	N
R9-0734	Macomb	707	Macomb	707	EC	1	OTC	MCC08	F	18	1	4	7	N
R9-0377	Macomb	707	Macomb	707	EC	1	OTC	MCC08	F	18	1	4	1	Y
R9-0463	Macomb	707	Macomb	707	EC	0	OTC	MCC08	F	18	1	1	1	N
R9-0378	Macomb	707	Macomb	707	EC	0	OTC	MCC08	F	18	1	1	1	Y
R9-0886	Macomb	707	Macomb	707	EC	0	OTC	MCC08	F	18	1	1	2	Y
R9-0073	Macomb	707	Macomb	707	EC	0	OTC	MCC08	F	18	1	1	7	Y
R9-0135	Macomb	707	Macomb	707	EC	0	OTC	MCC08	F	18	1	1	6	Y
R9-0114	Macomb	707	Macomb	707	EC	0	OTC	MCC08	F	18	1	1	7	Y
R9-0191	Macomb	707	Macomb	707	EC	0	OTC	MCC08	F	18	1	1	1	Y
R9-0521	Macomb	707	Macomb	707	EC	0	OTC	MCC07	F	17	1	1	7	Y
R9-0576	Macomb	707	Macomb	707	IZ	0	OTC	MCC07	F	17	1	1	7	
R9-0518	Macomb	707	Macomb	707	EC	0	OTC	MCC07	F	17	1	4	7	Y
R9-0547	Macomb	707	Macomb	707	EC	0	OTC	MCC07	F	17	1	4	7	Y
R9-0577	Macomb	707	Macomb	707	EC	0	OTC	MCC07	F	17	1	1	6	Y
R9-0591	Macomb	707	Macomb	707	EC	1	OTC	MCC07	F	17	1	4	1	N
R9-0502	Macomb	707	Macomb	707	EC	0	OTC	MCC07	F	17	1	4	7	Y
R9-0860	Macomb	707	Macomb	707	EC	0	OTC	MCC07	F	17	1	4	2	Y
R10-0655	Region10	723	Region10	723	EC	1	OTC	RHP25	M	17	0	1	1	N
R10-0621	Region10	723	Region10	723	EC	0	OTC	RHP25	M	17	0	1	5	Y
R10-0608	Region10	723	Region10	723	EC	0	OTC	RHP25	M	17	0	1	1	Y
R10-0624	Region10	723	Region10	723	EC	1	OTC	RHP25	M	17	0	1	5	Y
R10-0872	Region10	723	Region10	723	EC	0	OTC	RHP25	M	17	0	1	7	Y
R10-0632	Region10	723	Region10	723	EC	1	OTC	RHP25	M	17	0	1	5	Y
R10-0626	Region10	723	Region10	723	EC	0	OTC	RHP25	M	17	0	4	1	Y
R10-0692	Region10	723	Region10	723	EC	0	OTC	RHP25	M	17	0	1	1	Y
R10-0855	Region10	723	Region10	723	EC	0	OTC	RHP25	M	17	0	1	7	Y
R10-0709	Region10	723	Region10	723	EC	1	OTC	RHP25	M	17	0	1	1	N
R10-0021	Region10	723	Region10	723	EC	0	OTC	RHP51	F	17	0	1	7	Y
R10-0025	Region10	723	Region10	723	EC	0	OTC	RHP51	F	17	0	1	1	Y
R10-0030	Region10	723	Region10	723	EC	0	OTC	RHP51	F	17	0	1	6	Y
R10-0081	Region10	723	Region10	723	EC	1	OTC	RHP51	F	17	0	1	6	N
R10-0098	Region10	723	Region10	723	EC	1	OTC	RHP52	F	16	0	1	1	Y
R10-0102	Region10	723	Region10	723	EC	1	OTC	RHP50	M	19	0	1	6	Y
R10-0107	Region10	723	Region10	723	EC	0	OTC	RHP50	M	19	0	1	1	Y
R10-0124	Region10	723	Region10	723	EC	1	OTC	RHP50	M	19	0	1	1	N
R10-0172	Region10	723	Region10	723	EC	0	OTC	RHP51	F	17	0	1	5	Y
R10-0181	Region10	723	Region10	723	EC	0	OTC	RHP51	F	17	0	1	7	Y
R10-0187	Region10	723	Region10	723	EC	1	OTC	RHP50	M	19	0	1	1	N
R10-0196	Region10	723	Region10	723	EC	0	OTC	RHP52	F	16	0	1	5	Y
R10-0252	Region10	723	Region10	723	EC	0	OTC	RHP52	F	16	0	1	5	Y
R10-0277	Region10	723	Region10	723	EC	0	OTC	RHP52	F	16	0	1	1	Y
R10-0280	Region10	723	Region10	723	EC	0	OTC	RHP50	M	19	0	1	6	Y
R10-0314	Region10	723	Region10	723	EC	1	OTC	RHP50	M	19	0	1	1	N
R10-0346	Region10	723	Region10	723	EC	1	OTC	RHP50	M	19	0	1	7	N
R10-0362	Region10	723	Region10	723	EC	1	OTC	RHP50	M	19	0	1	6	Y
R10-0373	Region10	723	Region10	723	EC	0	OTC	RHP52	F	16	0	1	1	Y
R10-0378	Region10	723	Region10	723	EC	0	OTC	RHP52	F	16	0	1	1	Y
R10-0385	Region10	723	Region10	723	EC	1	OTC	RHP50	M	19	0	1	1	N
R10-0405	Region10	723	Region10	723	EC	0	OTC	RHP52	F	16	0	1	1	Y
R10-0420	Region10	723	Region10	723	EC	0	OTC	RHP52	F	16	0	1	1	N
R10-0447	Region10	723	Region10	723	EC	0	OTC	RHP52	F	16	0	1	7	Y
R10-0760	Region10	723	Region10	723	EC	0	OTC	RHP52	F	16	0	1	1	Y
R10-0466	Region10	723	Region10	723	EC	0	OTC	RHP35	M	17	0	1	1	Y
R10-0574	Region10	723	Region10	723	EC	0	OTC	RHP32	F	19	0	1	5	Y
R10-0541	Region10	723	Region10	723	EC	0	OTC	RHP32	F	19	0	1	1	Y
R10-0578	Region10	723	Region10	723	EC	0	OTC	RHP32	F	19	0	1	6	Y
R10-0582	Region10	723	Region10	723	EC	0	OTC	RHP32	F	19	0	1	5	Y

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

STATE: MI  
FFY: 2022

Frequency Distribution and Buy Rate

Product Type	Attempted Buys	Successful Buys	Violation Rate (%)
Cigarettes	366	70	19.1%
Small cigars/Cigarillos	45	16	35.6%
Smokeless tobacco	16	7	43.8%
ENDS	53	11	20.8%
Other	0	0	0.0%
Missing	0	0	0.0%
Invalid	0	0	0.0%
Grand Total	480	104	21.7%

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

STATE: MI  
FFY: 2022

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%	7.7%	28.2%	0.0%	35.7%	33.3%	24.8%
Small cigars/Cigarillos	0.0%	0.0%	71.4%	10.0%	0.0%	50.0%	0.0%	46.2%
Smokeless tobacco	0.0%	0.0%	50.0%	0.0%	0.0%	0.0%	75.0%	63.6%
ENDS	0.0%	0.0%	66.7%	22.2%	0.0%	0.0%	0.0%	23.5%
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%	33.3%	25.6%	0.0%	35.5%	45.0%	29.7%

Female								
Product Type	Age							Total
	14	15	16	17	18	19	20	
Cigarettes	0.0%	0.0%	10.5%	15.2%	21.3%	18.8%	0.0%	15.6%
Small cigars/Cigarillos	0.0%	0.0%	0.0%	14.3%	33.3%	25.0%	0.0%	21.1%
Smokeless tobacco	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
ENDS	0.0%	0.0%	28.6%	10.0%	33.3%	0.0%	0.0%	19.4%
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%	12.3%	14.2%	23.0%	20.0%	0.0%	16.1%

All								
Product Type	Age							Total
	14	15	16	17	18	19	20	
Cigarettes	0.0%	0.0%	9.6%	20.5%	18.5%	29.5%	33.3%	19.1%
Small cigars/Cigarillos	0.0%	0.0%	66.7%	11.8%	33.3%	30.0%	0.0%	35.6%
Smokeless tobacco	0.0%	0.0%	50.0%	0.0%	0.0%	0.0%	75.0%	43.8%
ENDS	0.0%	0.0%	40.0%	13.8%	30.0%	0.0%	0.0%	20.8%
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%	20.9%	18.8%	20.0%	28.6%	45.0%	21.7%

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

STATE: MI

FFY: 2022

**Frequency Distribution and Buy Rate**

Retail Outlet	Attempted Buys	Successful Buys	Violation Rate (%)
Gas Station	221	60	27.1%
Tobacco Store	23	3	13.0%
Restaurant	1	0	0.0%
Hotel	0	0	0.0%
Grocery Store	45	11	24.4%
Drug Store	38	4	10.5%
Other	152	26	17.1%
Missing	0	0	0.0%
Invalid	0	0	0.0%
Grand Total	480	104	21.7%



Grocery Store	0.0%	0.0%	0.0%	22.7%	25.0%	33.3%	75.0%	24.4%
Drug Store	0.0%	0.0%	0.0%	8.3%	0.0%	28.6%	0.0%	10.5%
Other	0.0%	0.0%	17.9%	12.1%	16.7%	26.3%	50.0%	17.1%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Grand Total	0.0%	0.0%	20.9%	18.8%	20.0%	28.6%	45.0%	21.7%

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

STATE: MI  
FFY: 2022

**Frequency Distribution and Buy Rate**

Clerk Asked for ID	Attempted Buys	Successful Buys	Violation Rate (%)
Yes	386	28	7.3%
No	94	76	80.9%
Missing	0	0	0.0%
Invalid	0	0	0.0%
Grand Total	480	104	21.7%

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

STATE: MI  
FFY: 2022

**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%	3.2%	7.2%	0.0%	17.4%	21.4%	8.9%
No	0.0%	0.0%	100.0%	85.7%	0.0%	87.5%	100.0%	91.8%
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%	33.3%	25.6%	0.0%	35.5%	45.0%	29.7%

Female								
Clerk Asked for ID	Age							Total
	14	15	16	17	18	19	20	
Yes	0.0%	0.0%	3.8%	4.3%	11.8%	9.5%	0.0%	6.2%
No	0.0%	0.0%	50.0%	73.7%	80.0%	75.0%	0.0%	68.9%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total Female	0.0%	0.0%	12.3%	14.2%	23.0%	20.0%	0.0%	16.1%

All								
Clerk Asked for ID	Age							Total
	14	15	16	17	18	19	20	
Yes	0.0%	0.0%	3.6%	5.4%	10.0%	13.6%	21.4%	7.3%
No	0.0%	0.0%	76.9%	80.0%	80.0%	83.3%	100.0%	80.9%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Grand Total	0.0%	0.0%	20.9%	18.8%	20.0%	28.6%	45.0%	21.7%

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

STATE: MI  
 FFY: 2022

**Frequency Distribution and Buy Rate**

Retail Outlet	Attempted Buys	Successful Buys	Violation Rate (%)
Gas Station	221	60	27.1%
Tobacco Store	23	3	13.0%
Restaurant	1	0	0.0%
Hotel	0	0	0.0%
Grocery Store	45	11	24.4%
Drug Store	38	4	10.5%
Other	152	26	17.1%
Missing	0	0	0.0%
Invalid	0	0	0.0%
<b>Grand Total</b>	<b>480</b>	<b>104</b>	<b>21.7%</b>



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

STATE: MI  
FFY: 2022

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%	34.6%	31.8%	0.0%	37.5%	44.4%	32.7%
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%	28.6%	0.0%	50.0%	75.0%	33.3%
Drug Store	0.0%	0.0%	0.0%	0.0%	0.0%	50.0%	0.0%	22.2%
Other	0.0%	0.0%	40.0%	18.5%	0.0%	25.0%	50.0%	27.3%
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%
<b>Total Male</b>	<b>0.0%</b>	<b>0.0%</b>	<b>33.3%</b>	<b>25.6%</b>	<b>0.0%</b>	<b>35.5%</b>	<b>45.0%</b>	<b>29.7%</b>

Female								
Retail Outlet	Age							Total
	14	15	16	17	18	19	20	
Gas Station	0.0%	0.0%	18.8%	21.2%	31.0%	14.3%	0.0%	22.5%
Tobacco Store	0.0%	0.0%	50.0%	15.4%	0.0%	0.0%	0.0%	16.7%
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%	12.5%	25.0%	25.0%	0.0%	14.3%
Drug Store	0.0%	0.0%	0.0%	9.1%	0.0%	0.0%	0.0%	6.9%
Other	0.0%	0.0%	4.2%	7.7%	17.4%	27.3%	0.0%	11.3%
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%
<b>Total Female</b>	<b>0.0%</b>	<b>0.0%</b>	<b>12.3%</b>	<b>14.2%</b>	<b>23.0%</b>	<b>20.0%</b>	<b>0.0%</b>	<b>16.1%</b>

All								
Retail Outlet	Age							Total
	14	15	16	17	18	19	20	
Gas Station	0.0%	0.0%	25.9%	26.0%	25.7%	30.4%	44.4%	27.1%
Tobacco Store	0.0%	0.0%	50.0%	13.3%	0.0%	0.0%	0.0%	13.0%
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%	22.7%	25.0%	33.3%	75.0%	24.4%
Drug Store	0.0%	0.0%	0.0%	8.3%	0.0%	28.6%	0.0%	10.5%
Other	0.0%	0.0%	17.9%	12.1%	16.7%	26.3%	50.0%	17.1%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Grand Total	0.0%	0.0%	20.9%	18.8%	20.0%	28.6%	45.0%	21.7%

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

STATE: MI  
FFY: 2022

**Frequency Distribution and Buy Rate**

Clerk Asked for ID	Attempted Buys	Successful Buys	Violation Rate (%)
Yes	386	28	7.3%
No	94	76	80.9%
Missing	0	0	0.0%
Invalid	0	0	0.0%
Grand Total	480	104	21.7%

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

STATE: MI  
FFY: 2022

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%	3.2%	7.2%	0.0%	17.4%	21.4%	8.9%
No	0.0%	0.0%	100.0%	85.7%	0.0%	87.5%	100.0%	91.8%
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%	33.3%	25.6%	0.0%	35.5%	45.0%	29.7%

Female								
Clerk Asked for ID	Age							Total
	14	15	16	17	18	19	20	
Yes	0.0%	0.0%	3.8%	4.3%	11.8%	9.5%	0.0%	6.2%
No	0.0%	0.0%	50.0%	73.7%	80.0%	75.0%	0.0%	68.9%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total Female	0.0%	0.0%	12.3%	14.2%	23.0%	20.0%	0.0%	16.1%

All								
Clerk Asked for ID	Age							Total
	14	15	16	17	18	19	20	
Yes	0.0%	0.0%	3.6%	5.4%	10.0%	13.6%	21.4%	7.3%
No	0.0%	0.0%	76.9%	80.0%	80.0%	83.3%	100.0%	80.9%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Grand Total	0.0%	0.0%	20.9%	18.8%	20.0%	28.6%	45.0%	21.7%