

ANNUAL SYNAR REPORT

42 U.S.C. 300x-26

OMB № 0930-0222

FFY 2023

State: Michigan

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INTRODUCTION

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

How the Synar report helps the Center for Substance Abuse Prevention

In accordance with the tobacco regulations, states are required to provide detailed information on progress made in enforcing youth and young adult tobacco access laws (FFY 2022 Compliance Progress) and future plans to ensure compliance with the Synar requirements to reduce youth and young adult tobacco access rates (FFY 2023 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 states¹ by supporting Synar activities and providing technical assistance helpful in determining the type of enforcement measures and control strategies that are most effective. This information is helpful to CSAP in improving technical assistance resources and expertise on enforcement efforts and tobacco control program support activities, including state Synar program support services, through an enhanced technical assistance program involving conferences and workshops, development of training materials and guidance documents, and onsite technical assistance consultation.

How the Synar report can help states

The information gathered for the Synar report can help states describe and analyze substate needs for program enhancements. These data can also be used to report to the state legislature and other state and local organizations on progress made to date in enforcing youth and young adult tobacco access laws when aggregated statistical data from state Synar reports can demonstrate to the Secretary the national progress in reducing youth and young adult 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

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

with youth and young adult tobacco access laws.

Getting assistance in completing the Synar report

If you have questions about programmatic issues, you may call CSAP's Division of Primary Prevention 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 your Grants Management Specialist in the 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, 2022 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 2023 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 2023 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 2023: FUNDING AGREEMENTS/CERTIFICATIONS

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

PUBLIC HEALTH SERVICES ACT AND SYNAR AMENDMENT
42 U.S.C. 300x-26 requires each state to submit an annual report of its progress in meeting the requirements of the Synar Amendment and its implementing regulation (45 C.F.R. 96.130) to the Secretary of the Department of Health and Human Services. By signing below, the chief executive officer (or an authorized designee) of the applicant organization certifies that the state has complied with these reporting requirements and the certifications as set forth below.
SYNAR SURVEY SAMPLING METHODOLOGY
The state certifies that the Synar survey sampling methodology on file with the Center for Substance Abuse Prevention and submitted with the Annual Synar Report for FFY 2023 is up-to-date and approved by the Center for Substance Abuse Prevention.
SYNAR SURVEY INSPECTION PROTOCOL
The state certifies that the Synar Survey Inspection Protocol on file with the Center for Substance Abuse Prevention and submitted with the Annual Synar Report for FFY 2023 is up-to-date and approved by the Center for Substance Abuse Prevention.
State: Michigan
Name of Chief Executive Officer or Designee: Jeffery L. Wiefenrich
Signature of CEO or Designee: 
Title: <u>Director, Bureau of Specialty Behavioral Health Services</u> Date Signed: <u>11/28/22</u>
If signed by a designee, a copy of the designation must be attached.

SECTION I: FFY 2022 (Compliance Progress)

YOUTH AND YOUNG ADULT 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 21.

1. Please indicate any changes or additions to the state tobacco statute(s) relating to youth and young adult 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 and young adults 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 and young adult 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 2023 ASR was posted to this Web address.)*

Web address: <https://www.michigan.gov/mdhhs/keep-mi-healthy/mentalhealth/drugcontrol>

Date published: 11-14-22

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) and disseminated through the MDHHS Substance Misuse Prevention GovDelivery Listserv.*
-

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 / Behavioral and Physical Health and Aging Services Administration (BPHASA) / Substance Use, Gambling and Epidemiology Section (SUGE) (to note: the responsible agency was renamed in 2022. Previously the name was the Office of Recovery Oriented Systems of Care (OROSC))

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

- Yes No

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

Michigan Department of Health and Human Services / Behavioral and Physical Health and Aging Services Administration (BPHASA) / Substance Use, Gambling and Epidemiology Section (SUGE) (to note: the responsible agency was renamed in 2022. Previously the name was the Office of Recovery Oriented Systems of Care (OROSC))

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

- Yes No

c. The state agency(ies) responsible for enforcing youth and young adult tobacco access law(s):

Michigan State Police (MSP) and local law enforcement agencies

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

- Yes No

4. Identify the following agencies and describe their relationship with the agency responsible for the oversight of the Synar requirements.

a. Identify the state agency responsible for tobacco prevention activities (the agency that receives the Centers for Disease Control and Prevention's National Tobacco Control Program funding).

- 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.) MDHHS Tobacco Section has representation on the Youth Access to Tobacco Workgroup (YATTW) and leads a behavioral health tobacco project with participation from SUGE.*_____
 - 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 and young adult 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 and young adult 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 / Public Health Administration / Division of Chronic Disease & Injury Control / FDA Tobacco Compliance Section (to note: The FDA Tobacco Compliance Section moved to the MDHHS Public Health Administration in 2022; previously they were a part of the Behavioral Health and Developmental Disabilities Administration, Office of Recovery Oriented Systems of Care (BHDDA/OROSC)).

- f. ~~Has the responsible~~ **Has the responsible agency changed since last year's Annual Synar Report?**
- g. **Describe the coordination and collaboration that occur between the agency contracted with the FDA to enforce federal youth and young adult 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 and young adult access to tobacco law(s) in FFY 2022 (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 and young adult 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 and young adult access to tobacco laws by LOCAL AND/OR STATE LAW ENFORCEMENT AGENCIES (this does not include enforcement of local laws or federal youth and young adult 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>	NA	186	186
Number of <u>fin es assessed</u>	NA	1	1
Number of <u>permits/licenses suspended</u>	NA		NA
Number of <u>permits/licenses revoked</u>	NA		NA
Other <i>(Please describe.)</i>	NA	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 and young adult 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 and young adult 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 and young adult 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

MDHHS/SUGE disseminated a two-sided vendor education flyer 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. To note: the minimum age was 18 at the time of Synar inspections and changed to 21 in July 2022. The vendor education flyer and birthdate signs reflecting federal Tobacco 21 in English, Spanish, and Arabic 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.

Several regions implemented vendor education with 100% of retailers on the Master Retail List. In some instances, coalition members supported prevention providers to expand their reach.

COVID-19 continued to be a barrier for conducting non-Synar tobacco compliance checks. Because of this, there was an overall increase in providing tobacco vendor education sessions. Tobacco retailer vendor education consisted of retailer telephone calls, mailing educational material to retailers, and in-person visits when safe and appropriate.

Michigan continues to offer online Merchant Education Training which includes several self-paced educational modules with a posttest and a state-issued certificate of completion for anyone who received 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.

SUGE 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 Services’ 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. In addition, the Michigan Synar webpage contains retailer education materials. This year, a shortened version of the Retailer Education PowerPoint was updated to reflect Michigan Tobacco 21.

In July 2022, legislation was signed by Governor Whitmer raising the minimum age to purchase tobacco in Michigan from 18 to 21. In response, SUGE developed a letter to educate retailers on the change and indicate Michigan is now in line with the federal Tobacco 21 law. The letter and updated Youth Tobacco Act signs were mailed to over 8,200 retailers. SUGE also worked with the MDHHS Tobacco Control Section to disseminate a ‘Michigan Tobacco 21: Frequently Asked Questions’ document to retailers and substance use prevention providers.

- 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 and young adult access laws)

Some regional DYTURs 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. Retailers are encouraged to display certificates, letters, window clings, etc. as a reminder and awareness of compliance with the YTA.

Some regions host an annual awards breakfast or luncheon where coalitions recognize retailers with an “Exemplary Retailer of the Year Award” for not selling alcohol and/or tobacco for at least 3 years. A press release is submitted ahead of time to invite media to these events.

- Community education regarding youth and young adult access laws

To educate the community, four Public Service Announcements (PSAs) were created in Detroit Wayne. The PSAs were aired on WADL TV 38 and 910 Am Superstation which reaches 1.9 million households in the area. Another region submitted quarterly press releases to newspaper and media outlets promoting compliance check results. The media release asked community partners to recognize and thank local retailers for not selling tobacco products to minors as well as remind retailers who did choose to sell of the tobacco laws in Michigan. Michigan Youth Tobacco Act information was also shared with community members, prevention coalitions, and various community groups.

Since the COVID-19 pandemic began in 2020, school-based education had been limited or eliminated entirely. This year, some regions were able to conduct education in schools through curated lesson plans that teachers could use in their classrooms in order to limit the risk of COVID-19 exposure. Presentations were provided to various community prevention coalitions and community groups to educate them on the Michigan Youth Tobacco Act.

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

MDHHS/SUGE 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 20 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 and young adult access laws

Coalitions mobilize community and coalition members to thank establishments for not selling tobacco to minors and remind those who did that its 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.

Other activities (*Please list.*) _____

In July 2022, Michigan raised in the minimum age to purchase tobacco, vapor and alternative nicotine products from 18 to 21. Regions throughout the state have been conducting vendor education around the age change to ensure retailer awareness. One region launched a social media campaign in September 2022 to educate retailers and the public in Wayne County. MDHHS/SUGE mailed updated Youth Tobacco Act Signs and a letter explaining the new age requirement to over 8,200 retailers in the state. In addition, SUGE worked with the MDHHS Tobacco Control Section to disseminate a 'Michigan Tobacco 21: Frequently Asked Questions' document to retailers and substance use prevention providers.

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 2022 (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 (1.645 times Standard Error) 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
Effective sample size (sample size needed to meet the SAMHSA precision requirement assuming simple random sampling)	
Target sample size (the product of the effective sample size and the design effect)	
Original sample size (inflated sample size of the target sample to counter the sample attrition due to ineligibility and noncompletion)	
Eligible sample size (number of outlets found to be eligible in the sample)	
Final sample size (number of eligible outlets in the sample for which an inspection was completed)	

h. **Fill out Form 4 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: 2022

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

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: 2025

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 06/01/22 to 06/30/22
MM/DD/YY MM/DD/YY

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

83

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 2023 (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 and young adult 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 2023. Include a brief description of plans for law enforcement efforts to enforce youth and young adult tobacco access laws, activities that support law enforcement efforts to enforce youth and young adult tobacco access laws, and any anticipated changes in youth and young adult tobacco access legislation or regulation in the state.

SUGE is participating in efforts led by the MDHHS Tobacco Control Section around Michigan Tobacco 21. A media campaign is in development to advertise Michigan Tobacco 21. The Tobacco Control Section created a ‘Michigan Tobacco 21: Frequently Asked Questions’ document; with the assistance of SUGE and MDHHS partners, the document was disseminated to substance use prevention providers, DYTURs, and law enforcement agencies. Outreach to state and local law enforcement has been conducted to ensure information on Michigan Tobacco 21 has been received. Law enforcement agencies have updated their manuals and information packets accordingly. In addition, the MDHHS Synar/Youth Access to Tobacco webpage has undergone updates to include information around Michigan Tobacco 21 and includes both state and federal retailer complaint forms for members of the public and law enforcement to report tobacco sales to individuals under 21 or other violations related to the Michigan Youth Tobacco Act or Federal Tobacco 21. In addition, MDHHS/SUGE also mailed updated Youth Tobacco Act Signs and a letter explaining the age requirement to over 8,200 retailers in the state. PIHPs and DYTURs will partner with state and local law enforcement as appropriate on efforts to enforce youth tobacco access laws. Because Michigan Tobacco 21 now aligns with Federal Tobacco 21, SUGE will continue to work with partners across the state to educate retailers and ensure compliance with Synar Survey inspections.

SUGE will work with the MDHHS Communications Division to update the “Do Your Part” webpage content and branding. A “Do Your Part: A Guide for Retailer Education” brochure will be updated and used by the regions to disseminate during retailer vendor education. In addition, SUGE will maintain updated information on the MDHHS Synar and Youth Access to Tobacco webpage. This content includes a Retailer Education PowerPoint, the “Do Your Part: A Guide for Retailer Education” brochure and updated Synar protocol forms for PIHPs and DYTURs.

The state-level Youth Access to Tobacco Workgroup will work 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.

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 and young adult access laws

During the Synar Survey period and the months leading up to it, state and local law enforcement was limited to only using their resources to enforce Michigan Youth Tobacco Act age of 18.

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

- Limitations in the state youth and young adult tobacco access laws

At the time of the 2022 Synar compliance checks, the minimum age for purchasing tobacco, vaping and alternative nicotine product in Michigan was 18. As of July 21, 2022, the state minimum age was raised to 21, bringing it in line with federal Tobacco 21. The state minimum age being 18 and the federal minimum age being 21 continued to cause confusion among retailers. In addition, the current Youth Tobacco Act only penalizes the cashier but not the owner when a sale is made to an underage individual. It has been reported by law enforcement this does not deter some retailers from selling to underage individuals.

- Limited public support for enforcement of youth and young adult tobacco access laws

- Limitations on completeness/accuracy of list of tobacco outlets

A coverage study was completed in October 2022 with a Master Retailer List accuracy rate of 78.0%. Michigan will continue to look for best practices and implement strategies accordingly to ensure completeness/accuracy of our list of tobacco outlets. Michigan does not have a tobacco license program so the Master Retail List accuracy is dependent on verification through in-person canvassing, telephone calls, and internet searches.

- Limited expertise in survey methodology

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

- Difficulties recruiting youth and young adult inspectors

- 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 and young adult inspectors

One region indicated an underage inspector knew the clerk at a retailer establishment. In order to complete the compliance check, the PIHP replaced the underage inspector but was unable to match the gender of the original underage inspector.

While the Formal Synar Inspections were being completed, some PIHPs reached out the MDHHS regarding the Underage Inspector Gender question on the Compliance Check Report. Two regions had underage inspectors who did not identify as either male or female and were therefore unsure what to indicate on the reporting forms.

- 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 Youth Access to Tobacco Workgroup, 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 2023). Provide the remaining information by stratum if stratification was used. Make copies of the form if additional rows are needed to list all the strata.

Column 1: *If stratification was used:*

1(a) Sequentially number each row.

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

If no stratification was used:

1(a) Leave blank.

1(b) Write “state” in the first row (indicates that the whole state is a single stratum).

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

Column 2: 2(a) Report the number of over-the-counter (OTC) outlets in the sampling frame in each stratum.

2(b) Report the number of vending machine (VM) outlets in the sampling frame in each stratum.

2(c) Report the combined total of OTC and VM outlets in the sampling frame in each stratum.

Column 3: 3(a) Report the estimated number of eligible OTC outlets in the OTC outlet population in each stratum.

3(b) Report the estimated number of eligible VM outlets in the VM outlet population in each stratum.

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

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

Column 4: 4(a) Report the number of eligible OTC outlets for which an inspection was completed, for each stratum.

4(b) Report the numbers of eligible VM outlets for which an inspection was completed, for each stratum.

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

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

5(b) Report the number of VM outlets found in violation of the law as a result of completed inspections, for each stratum.

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

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

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

Summary of Synar Inspection Results by Stratum													
											State: _____		
											FFY: <u>2023</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 2023).

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

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

Calculation of Weighted Retailer Violation Rate										
										State: _____
										FFY: <u>2023</u>
(1) Stratum Name	(2) N Number of Outlets in Sampling Frame	(3) n Original Sample Size	(4) n1 Number of Sample Outlets Found Eligible	(5) n2 Number of Outlets Inspected	(6) x Number of Outlets Found in Violation	(7) p=x/n2 Stratum Retailer Violation Rate	(8) N'=N(n1/n) Estimated Number of Eligible Outlets in Population	(9) w=N'/Total Column 8 Relative Stratum Weight	(10) pw Stratum Contribution to State Weighted RVR	(11) s.e. Standard Error of Stratum RVR
Total										

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

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

Complete Form 3 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 2023).

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

Column 1: Sequentially number each row.

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

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

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

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

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

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

Summary of Clusters Created and Sampled				
				State: _____
				FFY: 2023 _____
(1) Row #	(2) Stratum Name	(3) Number of PSUs Created	(4) Number of PSUs Selected	(5) Number of PSUs in the Final Sample
Total				

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

Complete Form 4 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 2023).

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

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

Inspection Tallies by Reason of Ineligibility or Noncompletion			
		State: _____	
		FFY: 2023	
(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 or young adult		Presence of police	
Private club or private residence		Youth or young adult inspector knows salesperson	
Temporary closure		Moved to new location	
Unlocatable		Drive-thru only/youth or young adult inspector has no driver’s license	
Wholesale only/Carton sale only		Tobacco out of stock	
Vending machine broken		Ran out of time	
Duplicate		Other noncompletion reason(s) <i>(Describe.)</i>	
Other ineligibility reason(s) <i>(Describe.)</i>			
Total		Total	

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

Complete Form 5 to show the distribution of outlet inspection results by age and gender of the youth and young adult 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 2023).

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

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

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

Synar Survey Inspector Characteristics		
		State: _____
		FFY: 2023
	(1) Attempted Buys	(2) Successful Buys
Male		
15 years		
16 years		
17 years		
18 years		
19 years		
20 years		
Male Subtotal		
Female		
15 years		
16 years		
17 years		
18 years		
19 years		
20 years		
Female Subtotal		
Other		
Total		

APPENDIXES B & C: FORMS

Instructions

Appendix B (Sampling Design) and Appendix C (Inspection Protocol) are to reflect the state's CSAP-approved sampling design and inspection protocol. These appendixes, therefore, should generally describe the design and protocol and, with the exception of Question #10 of Appendix B, are not to be modified with year-specific information. Please note that any changes to either appendix must receive CSAP's advance, written approval. To facilitate the state's completion of this section, simply cut and paste the previously approved sampling design (Appendix B) and inspection protocol (Appendix C) and respond to Question #10 of Appendix B to provide the requested information about sample size calculations for the Synar survey conducted in FFY 2022.

APPENDIX B: SYNAR SURVEY SAMPLING METHODOLOGY

State: Michigan
 FFY: 2023

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 and young adults.
- 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.

The State 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 1.0.

$$n_t = d n_e$$

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 2022.

- 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: 21.8%

Frame Size: 8,902

Input for Target Sample Size:

Design Effect: 1.0

Inputs for Original Sample Size:

Safety Margin: 20%

Accuracy (Eligibility) Rate: 95.5%

Completion Rate: 99.4%

- b. If the state uses the sample size formulas embedded in the SSES Sample Size Calculator to calculate the stratum level sample sizes, please provide the stratum level information:**

Michigan uses and analyze data for each of the 10 PIHPs in the state. Many of these agencies have large differences in rural/urban ratios, types of tobacco vendors, and types of law enforcement. Consequently, the Synar rates in each PIHP are expected to vary. Therefore, Michigan is interested in stratifying its Synar sampling in a manner to meet the federal requirements as well as to have a meaningful representation. Since Michigan would like to review individual PIHP Synar rates, it has determined that a minimum number of samples (20) should be completed for each PIHP. Establishing such a minimum will represent an increase in the number of sites being sampled in those agencies with a lower number of tobacco vendors (oversampling). However, such an adjustment in sample size this will not impact the statewide rate as that rate will be based on the weighted average for the number of total tobacco vendors in each PIHP.

In order to assure that 20 outlets per PIHP are available for analysis, Michigan requires that each stratum sample size be no lower than 30. Therefore, the actual original sample size will be increased to ensure that each individual's (PIHP's) stratum sample size is no lower than 30.

- c. **If the state does not use the sample size formulas embedded in the SSES Sample Size Calculator, please provide all inputs required to calculate the effective, target, and original sample sizes as indicated in Question 9.**

--

APPENDIX C: SYNAR SURVEY INSPECTION PROTOCOL SUMMARY

State: Michigan
FFY: 2023

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 and young adult 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 and young adult inspectors to be compensated?

- Required
- Permitted under specified circumstances (Describe: Payment to underage inspectors is left to the discretion and resources of each respective PIHP)
- 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 and young adult 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 and young adult 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 and young adult 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 and the Youth Employment Standards Act.

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 and young adult 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: Michigan
FFY: 2023

1. Calendar year of the coverage study: 2022

2. a. Unweighted percent coverage found: 78.0%
b. Weighted percent coverage found: NA%
c. Number of outlets found through canvassing: 200
d. Number of outlets matched on the list frame: 155

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

2020 County Census Estimates

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

Yes No

If Yes, please explain.

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

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

Census (Go to Question 6.)

Unstratified statewide sample:

Simple random sample (Respond to Part b.)

Systematic random sample (Respond to Part b.)

Single-stage cluster sample (Respond to Parts b and d.)

Multistage cluster sample (Respond to Parts b and d.)

Stratified sample:

Simple random sample (Respond to Parts b and c.)

Systematic random sample (Respond to Parts b and c.)

Single-stage cluster sample (Respond to Parts b, c, and d.)

Multistage cluster sample (Respond to Parts b, c, and d.)

Other (Please describe and respond to Part b.) _____

b. Describe the sampling methods.

The sampling methodology undertaken for the coverage study was approved by CSAP and derived from the CSAP publication: Guide for Synar Sampling Frame Coverage Study (2006). Michigan opted to do a random stratified sample of Michigan counties based on the 2020 census data. The stratified sample ensured that counties of varying sizes including villages, towns, and cities would be captured. At no point in the process is the current tobacco retailer list or compliance history to be considered in selection, routing, or actual participation in the study.

In the coverage study design, Michigan chose to make an inspection of 200 facilities. Michigan's 83 counties were divided into nine strata based on each county's population size. For each of the nine strata, a county was randomly selected and subsequently the city where the inspection was to take place was selected. The target number of outlets selected in that county was based on the proportion of the Michigan 2020 census represented by that stratum.

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

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

- 1) less than 20,000 residents (19 counties)
- 2) with 20,000-29,999 residents (16 counties)
- 3) with 30,000-39,999 residents (7 counties)
- 4) with 40,000-69,999 residents (15 counties)
- 5) with 70,000-199,999 residents (17 counties)
- 6) with 200,000-499,999 residents (5 counties)
- 7) with 500,000-999,999 residents (2 counties)
- 8) with 1,000,000-1,499,999 residents (1 county)
- 9) with 1,500,000 or more residents (1 county)

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

NA

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

Yes No

6. Were all sampled areas visited by canvassing teams?

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

a. Was the subset of areas randomly chosen?

Yes No

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

[Empty box]

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.

[Empty box]

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.

[Empty box]

9. If a full canvassing was not conducted:

- a. **How many predetermined outlets were to be observed in each area?** Varied upon each area. See attached FFY2023 Synar Coverage Study Results by Stratum.
- b. **What were the starting points for each area?** Specific starting point (i.e. cross street names) was provided for each area.
- c. **Were these starting points randomly chosen?**
 Yes No
- d. **Describe the selection of the starting points.**

Starting point locations were determined by the number of retailers in a given area to obtain an accurate list. Starting points varied by location.

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

Under the Substance Abuse Prevention and Treatment Block Grant requirement, states must conduct annual, unannounced, random inspections of tobacco and Electronic Nicotine Delivery System (ENDS) retailers to determine the compliance rate with laws prohibiting the sale of tobacco and ENDS products to persons under the age of 21. These Synar surveys involve choosing a random sample of tobacco and ENDS retail outlets from a well-maintained master tobacco retailer list. Every three years, each state is also required to check the coverage and accuracy of that master list by conducting a coverage study as close as possible to the time of the Synar survey.

“Coverage” indicates how completely the list contains all of the eligible outlets in the state for the Synar survey. The coverage rate is the percentage of all eligible outlets in the state that actually appear on the master list (list frame). The Substance Abuse and Mental Health Services Administration (SAMHSA) recommendation is for a

90 percent coverage rate; however, the actual mandate is for 80 percent coverage. The study will also provide an additional means of checking address accuracy and outlet eligibility, beyond the various methods used to clean the list regularly.

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

MDHHS will:

- Select geographic areas to be sampled.
- Coordinate the participation of the involved Prepaid Inpatient Health Plans (PIHP).
- Provide protocol and necessary training/technical assistance to selected PIHPs.
- Provide specific starting points and boundaries, with guidance and a designated number of tobacco and ENDS retailers. (Note: Starting points will be used to provide consistency.)
- Allocate a stipend, contingent upon availability of funds, for each located tobacco and ENDS retailer, up to the designated number in a contract amendment.
- Distribute and collect necessary canvassing forms.
- Determine coverage rate.
- Update master tobacco retailer list (list frame).
- Report the results to SAMHSA by December 2022.

Prepaid Inpatient Health Plans guidance:

- Be responsible for the completion of the coverage study activities within its region during the period of August 1 – August 31, 2022.
- Provide two-person “field worker” teams (minimum two adults).
- Train, schedule, and supervise the teams in purpose, protocol, routes, and use of canvassing forms.
- Collect canvassing forms: review for completeness, legibility, and necessary signatures.
- On or before November 1, 2022, submit canvassing forms and contact information of canvassing team membership via e-mail to:

MDHHS-BHDDA-Contracts-MGMT@michigan.gov

cc: ohs@michigan.gov, ColemanL7@michigan.gov and MeisterJ1@michigan.gov

Canvassing Teams guidance:

• Understand that:

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

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

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

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

• Review protocol; ensure understanding of task and responsibilities.

• Acquire starting points, boundaries, and canvassing forms from the PIHP.

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

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

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

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

O Make exceptions to physical entry/visitation only if: 1) exterior signage clearly prohibits entry to the establishment by persons under 21 years of age, or 2) the location is determined to be dangerous to the canvassers' safety. Do not canvass beyond boundaries given. At no time, canvass beyond the county limits.

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

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

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

- Five (5) blocks forward on the same street.
- Turn one block to the right or left, and then continue parallel to the first checked street and repeat the process above.
- Complete the provided form.
- Legibly record only tobacco and ENDS retailers that are accessible to persons under 21 years of age. Do not record visited sites that do not sell tobacco or ENDS products or are not accessible by underage individuals.
- Include complete data for the contact information: name of store, street number, street name, city, zip code, area code, and phone number. If owner information is available, please add that to back of the form along with the name of store listed on the front. Include their email information if available.
- Complete the rest of the form as directed by column headings.
- Both canvassers must sign and date each page of the form.
- Check the form for completeness, legibility, and signatures.
- Return the form to the PIHP by given deadline.

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

Determined by sight and/or questions regarding 'tobacco products' and no sign on outside of building notify that patrons be 21 years or older to enter.

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.)

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

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

NA

SSES Table 1 (Synar Survey Estimates and Sample Sizes)**CSAP-SYNAR REPORT**

State	MI
Federal Fiscal Year (FFY)	2023
Date	9/23/2022 10:32
Data	FFY2023 SSEsv7_DataEntryTemplate_SRS.xlsx
Program Version	Version 7.0
Analysis Option	Stratified SRS with FPC

Estimates

Unweighted Retailer Violation Rate	16.3%
Weighted Retailer Violation Rate	16.3%
Standard Error	1.4%
Is SAMHSA Precision Requirement met?	YES
Right-sided 95% Confidence Interval	[0.0%, 18.7%]
Two-sided 95% Confidence Interval	[13.5%, 19.2%]
Design Effect	1.0
Accuracy Rate (unweighted)	95.8%
Accuracy Rate (weighted)	95.8%
Completion Rate (unweighted)	99.5%

Sample Size for Current Year

Effective Sample Size	485
Target (Minimum) Sample Size	485
Original Sample Size	617
Eligible Sample Size	591
Final Sample Size	588
Overall Sampling Rate	6.9%

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

STATE: MI

FFY: 2023

Samp. Stratum	Var. Stratum	Outlet Frame Size	Estimated Outlet Population Size	Number of PSU Clusters Created	Number of PSU Clusters in Sample	Outlet Sample Size	Number of Eligible Outlets in Sample	Number of Sample Outlets Inspected	Number of Sample Outlets in Violation	Retailer Violation Rate(%)	Standard Error(%)
All Outlets											
CMHPS M	CMHPS M	510	495	N/A	N/A	35	34	34	3	8.8%	
DETWAYNE	DETWAYNE	1,688	1,587	N/A	N/A	117	110	110	27	24.5%	
Lakeshore	Lakeshore	914	914	N/A	N/A	63	63	63	5	7.9%	
MACOMB	MACOMB	678	678	N/A	N/A	47	47	47	11	23.4%	
MSHN	MSHN	1,693	1,606	N/A	N/A	117	111	111	9	8.1%	
NMRE	NMRE	687	599	N/A	N/A	47	41	40	3	7.5%	
NorthC are	NorthC are	389	363	N/A	N/A	30	28	28	5	17.9%	
Oakland	Oakland	831	816	N/A	N/A	57	56	56	17	30.4%	
Region 10	Region 10	715	686	N/A	N/A	49	47	45	10	22.2%	
SWMBH	SWMBH	797	783	N/A	N/A	55	54	54	6	11.1%	
Total		8,902	8,527			617	591	588	96	16.3%	1.4%
Over the Counter Outlets											
CMHPS M	CMHPS M	510	495	N/A	N/A	35	34	34	3	8.8%	
DETWAYNE	DETWAYNE	1,685	1,587	N/A	N/A	117	110	110	27	24.5%	
Lakeshore	Lakeshore	914	914	N/A	N/A	63	63	63	5	7.9%	
MACOMB	MACOMB	677	678	N/A	N/A	47	47	47	11	23.4%	
MSHN	MSHN	1,692	1,606	N/A	N/A	117	111	111	9	8.1%	
NMRE	NMRE	687	599	N/A	N/A	47	41	40	3	7.5%	
NorthC are	NorthC are	387	363	N/A	N/A	30	28	28	5	17.9%	
Oakland	Oakland	831	816	N/A	N/A	57	56	56	17	30.4%	
Region 10	Region 10	715	686	N/A	N/A	49	47	45	10	22.2%	
SWMBH	SWMBH	797	783	N/A	N/A	55	54	54	6	11.1%	

Total		8,895	8,527			617	591	588	96	16.3%	1.4%
Vending Machines											
CMHPS M	CMHPS M	0	0	N/A	N/A	0	0	0	0	0.0%	
DETWA YNE	DETWA YNE	3	0	N/A	N/A	0	0	0	0	0.0%	
Lakesh ore	Lakesh ore	0	0	N/A	N/A	0	0	0	0	0.0%	
MACO MB	MACO MB	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%	
NorthC are	NorthC are	2	0	N/A	N/A	0	0	0	0	0.0%	
Oaklan d	Oaklan d	0	0	N/A	N/A	0	0	0	0	0.0%	
Region 10	Region 10	0	0	N/A	N/A	0	0	0	0	0.0%	
SWMB H	SWMB H	0	0	N/A	N/A	0	0	0	0	0.0%	
Total		7	0			0	0	0	0	0.0%	0.0%

SSES Table 3 (Synar Survey Sample Tally Summary)

STATE: MI
FFY: 2023

Disposition Code	Description	Count	Subtotal
EC	Eligible and inspection complete outlet	588	
Total (Eligible Completes)			588
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	2	
N5	Moved to new location but not inspected	0	
N6	Drive thru only/youth inspector has no drivers license	0	
N7	Tobacco out of stock	0	
N8	Run out of time	0	
N9	Other noncompletion (see below)	1	
Total (Eligible Noncompletes)			3
I1	Out of Business	7	
I2	Does not sell tobacco products	12	
I3	Inaccessible by youth	2	
I4	Private club or private residence	0	
I5	Temporary closure	5	
I6	Can't be located	0	
I7	Wholesale only/Carton sale only	0	
I8	Vending machine broken	0	
I9	Duplicate	0	
I10	Other ineligibility	0	
Total (Ineligibles)			26
Grand Total			617

Give reasons and counts for other noncompletion:

Reason	Count
Sells only high-end cigars, makes difficult for a youth to a	1

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

STATE: MI
FFY: 2023

Frequency Distribution

Gender	Age	Number of Inspectors	Attempted Buys	Successful Buys
Male	14	0	0	0
	15	0	0	0
	16	9	63	1
	17	12	96	14
	18	13	92	26
	19	2	4	0
	20	3	35	15
	Subtotal		39	290
Female	14	0	0	0
	15	0	0	0
	16	10	93	14
	17	9	110	13
	18	10	42	7
	19	6	24	2
	20	9	29	4
	Subtotal		44	298
Other		0	0	0
Grand Total		83	588	96

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	1.6%	15.1%	9.6%
17	14.6%	11.8%	13.1%
18	28.3%	16.7%	24.6%
19	0.0%	8.3%	7.1%
20	42.9%	13.8%	29.7%
Other			0.0%
Total	19.3%	13.4%	16.3%

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

Outlet ID	Sampling S	Population Variance S	Population Response I	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)
R1-0282	NorthCare 389	NorthCare 389	EC	0	OTC	NCN55	M	18	2	4	7	Y
R1-0073	NorthCare 389	NorthCare 389	EC	1	OTC	NCN01	F	20	2	1	1	Y
R1-0026	NorthCare 389	NorthCare 389	EC	0	OTC	NCN06	F	17	2	1	7	Y
R1-0233	NorthCare 389	NorthCare 389	EC	0	OTC	NCN04	M	17	2	1	5	Y
R1-0471	NorthCare 389	NorthCare 389	EC	0	OTC	NCN03	M	17	2	1	7	Y
R1-0512	NorthCare 389	NorthCare 389	EC	1	OTC	NCN02	F	18	2	1	1	N
R1-0539	NorthCare 389	NorthCare 389	I2		OTC	NCN02	F	18	2		7	
R1-0184	NorthCare 389	NorthCare 389	EC	0	OTC	NCN06	F	17	2	1	1	Y
R1-0543	NorthCare 389	NorthCare 389	EC	0	OTC	NCN06	F	17	2	1	5	Y
R1-0432	NorthCare 389	NorthCare 389	EC	0	OTC	NCN04	M	17	2	1	1	Y
R1-0217	NorthCare 389	NorthCare 389	EC	0	OTC	NCN06	F	17	2	1	5	Y
R1-0173	NorthCare 389	NorthCare 389	EC	0	OTC	NCN06	F	17	2	1	5	Y
R1-0246	NorthCare 389	NorthCare 389	EC	0	OTC	NCN44	F	17	2	3	5	Y
R1-0175	NorthCare 389	NorthCare 389	EC	0	OTC	NCN06	F	17	2	1	5	Y
R1-0249	NorthCare 389	NorthCare 389	EC	1	OTC	NCN44	F	17	2	3	7	N
R1-0384	NorthCare 389	NorthCare 389	EC	1	OTC	NCN02	F	18	2	1	1	Y
R1-0429	NorthCare 389	NorthCare 389	EC	1	OTC	NCN05	F	18	2	1	7	Y
R1-0418	NorthCare 389	NorthCare 389	EC	0	OTC	NCN06	F	17	2	1	6	Y
R1-0352	NorthCare 389	NorthCare 389	EC	0	OTC	NCN22	F	20	2	4	2	Y
R1-0267	NorthCare 389	NorthCare 389	EC	0	OTC	NCN55	M	18	2	4	1	Y
R1-0118	NorthCare 389	NorthCare 389	EC	0	OTC	NCN02	F	18	2	1	7	Y
R1-0054	NorthCare 389	NorthCare 389	EC	0	OTC	NCN07	M	16	2	1	5	Y
R1-0419	NorthCare 389	NorthCare 389	EC	0	OTC	NCN50	F	18	2	1	1	Y
R1-0014	NorthCare 389	NorthCare 389	EC	0	OTC	NCN04	M	17	2	3	1	Y
R1-0470	NorthCare 389	NorthCare 389	EC	0	OTC	NCN03	M	17	2	1	7	Y
R1-0469	NorthCare 389	NorthCare 389	EC	0	OTC	NCN01	F	20	2	1	5	Y
R1-0510	NorthCare 389	NorthCare 389	EC	0	OTC	NCN06	F	17	2	1	1	Y
R1-0203	NorthCare 389	NorthCare 389	EC	0	OTC	NCN03	M	17	2	1	7	Y
R1-0447	NorthCare 389	NorthCare 389	EC	0	OTC	NCN44	F	17	2	3	7	Y
R1-0197	NorthCare 389	NorthCare 389	I2		OTC	NCN06	F	17	2		3	

R2-0208	NMRE	687	NMRE	687	EC	0	OTC	NMR01	M	18	0	1	1	Y
R2-0241	NMRE	687	NMRE	687	EC	0	OTC	NMR01	M	18	0	1	7	Y
R2-0238	NMRE	687	NMRE	687	EC	0	OTC	NMR01	M	18	0	1	6	Y
R2-0118	NMRE	687	NMRE	687	N9		OTC	NMR01	M	18	0		6	
R2-0125	NMRE	687	NMRE	687	EC	0	OTC	NMR01	M	18	0	1	5	N
R2-0801	NMRE	687	NMRE	687	EC	0	OTC	NMR01	M	18	0	1	1	Y
R2-0131	NMRE	687	NMRE	687	EC	0	OTC	NMR01	M	18	0	1	1	Y
R2-0056	NMRE	687	NMRE	687	EC	0	OTC	NMR01	M	18	0	1	1	N
R2-0824	NMRE	687	NMRE	687	EC	0	OTC	NMR06	F	17	0	1	7	Y
R2-0357	NMRE	687	NMRE	687	EC	0	OTC	NMR06	F	17	0	1	7	Y
R2-0517	NMRE	687	NMRE	687	EC	0	OTC	NMR06	F	17	0	1	7	Y
R2-0493	NMRE	687	NMRE	687	EC	1	OTC	NMR06	F	17	0	4	5	Y
R2-0518	NMRE	687	NMRE	687	EC	0	OTC	NMR06	F	17	0	1	6	Y
R2-0497	NMRE	687	NMRE	687	EC	0	OTC	NMR06	F	17	0	1	7	Y
R2-0817	NMRE	687	NMRE	687	EC	0	OTC	NMR06	F	17	0	4	1	Y
R2-0528	NMRE	687	NMRE	687	EC	0	OTC	NMR06	F	17	0	1	1	Y
R2-0676	NMRE	687	NMRE	687	EC	0	OTC	NMR03	M	17	0	4	1	Y
R2-0673	NMRE	687	NMRE	687	EC	0	OTC	NMR03	M	17	0	4	6	Y
R2-0473	NMRE	687	NMRE	687	EC	0	OTC	NMR03	M	17	0	1	1	Y
R2-0620	NMRE	687	NMRE	687	EC	0	OTC	NMR03	M	17	0	4	1	Y
R2-0615	NMRE	687	NMRE	687	I1		OTC	NMR03	M	17	0		1	
R2-0608	NMRE	687	NMRE	687	EC	0	OTC	NMR03	M	17	0	4	1	Y
R2-0933	NMRE	687	NMRE	687	EC	0	OTC	NMR03	M	17	0	4	2	Y
R2-0651	NMRE	687	NMRE	687	EC	0	OTC	NMR03	M	17	0	4	1	Y
R2-0163	NMRE	687	NMRE	687	EC	0	OTC	NMR03	M	17	0	1	5	Y
R2-0931	NMRE	687	NMRE	687	EC	0	OTC	NMR03	M	17	0	4	7	Y
R2-0769	NMRE	687	NMRE	687	I2		OTC	NMR05	F	17	0	2	7	
R2-0719	NMRE	687	NMRE	687	EC	0	OTC	NMR05	F	17	0	1	1	Y
R2-0089	NMRE	687	NMRE	687	EC	0	OTC	NMR05	F	17	0	1	5	Y
R2-0082	NMRE	687	NMRE	687	EC	0	OTC	NMR05	F	17	0	2	7	Y
R2-0256	NMRE	687	NMRE	687	I2		OTC	NMR05	F	17	0		5	
R2-0318	NMRE	687	NMRE	687	I2		OTC	NMR05	F	17	0		5	
R2-0303	NMRE	687	NMRE	687	EC	0	OTC	NMR05	F	17	0	1	6	Y
R2-0263	NMRE	687	NMRE	687	EC	0	OTC	NMR05	F	17	0	1	7	Y
R2-0291	NMRE	687	NMRE	687	EC	0	OTC	NMR05	F	17	0	1	1	Y
R2-0421	NMRE	687	NMRE	687	I2		OTC	NMR05	F	17	0		5	
R2-0413	NMRE	687	NMRE	687	EC	0	OTC	NMR05	F	17	0	1	5	Y
R2-0755	NMRE	687	NMRE	687	EC	0	OTC	NMR05	F	17	0	2	7	Y
R2-0317	NMRE	687	NMRE	687	EC	0	OTC	NMR05	F	17	0	1	7	Y
R2-0273	NMRE	687	NMRE	687	EC	0	OTC	NMR05	F	17	0	1	1	Y
R2-0372	NMRE	687	NMRE	687	EC	0	OTC	NMR05	F	17	0	1	7	Y
R2-0392	NMRE	687	NMRE	687	EC	0	OTC	NMR05	F	17	0	1	7	Y
R2-0487	NMRE	687	NMRE	687	EC	1	OTC	NMR03	M	17	0	4	1	Y
R2-0048	NMRE	687	NMRE	687	EC	0	OTC	NMR03	M	17	0	4	5	Y
R2-0788	NMRE	687	NMRE	687	I2		OTC	NMR03	M	17	0		7	
R2-0139	NMRE	687	NMRE	687	EC	0	OTC	NMR03	M	17	0	1	7	Y
R2-0141	NMRE	687	NMRE	687	EC	1	OTC	NMR05	F	17	0	1	7	Y
R3-0302	Lakeshore	914	Lakeshore	914	EC	0	OTC	LRE05	F	17	0	4	1	Y

R3-0162	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE05	F	17	0	4	7	Y
R3-0299	Lakeshore 914	Lakeshore 914	EC	1	OTC	LRE05	F	17	0	4	1	N
R3-0337	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE05	F	17	0	4	1	Y
R3-1110	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE05	F	17	0	4	5	Y
R3-0321	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE05	F	17	0	4	7	N
R3-0318	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE05	F	17	0	4	7	Y
R3-1083	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE05	F	17	0	1	7	Y
R3-1111	Lakeshore 914	Lakeshore 914	EC	1	OTC	LRE05	F	17	0	4	7	Y
R3-0234	Lakeshore 914	Lakeshore 914	EC	1	OTC	LRE05	F	17	0	1	7	Y
R3-0429	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE05	F	17	0	1	1	Y
R3-1046	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE05	F	17	0	4	5	Y
R3-0509	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE05	F	17	0	1	5	Y
R3-0533	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE05	F	17	0	1	1	Y
R3-0530	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE05	F	17	0	1	1	Y
R3-0184	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE05	F	17	0	4	7	Y
R3-0138	Lakeshore 914	Lakeshore 914	EC	1	OTC	LRE06	M	17	0	1	1	Y
R3-0457	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE06	M	17	0	1	7	Y
R3-1017	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE06	M	17	0	1	1	Y
R3-0402	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE06	M	17	0	1	1	Y
R3-0287	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE06	M	17	0	1	1	Y
R3-0259	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE06	M	17	0	1	7	Y
R3-0286	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE06	M	17	0	1	1	Y
R3-0180	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE06	M	17	0	1	1	Y
R3-1071	Lakeshore 914	Lakeshore 914	EC	1	OTC	LRE06	M	17	0	1	7	N
R3-0258	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE06	M	17	0	1	7	Y
R3-0537	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE06	M	17	0	1	6	Y
R3-1093	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE06	M	17	0	1	7	Y
R3-0385	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE06	M	17	0	1	5	Y
R3-0396	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE06	M	17	0	1	6	Y
R3-0485	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE06	M	17	0	1	1	Y
R3-0032	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE01	M	17	0	1	1	Y
R3-0028	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE01	M	17	0	1	7	Y
R3-0049	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE01	M	17	0	1	1	Y
R3-0089	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE01	M	17	0	1	7	Y
R3-0093	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE01	M	17	0	1	1	Y
R3-0066	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE01	M	17	0	1	1	Y
R3-0056	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE01	M	17	0	1	7	Y
R3-0059	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE01	M	17	0	1	7	Y
R3-0541	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE02	M	18	0	2	1	Y
R3-1148	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE01	M	17	0	2	7	Y
R3-1115	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE02	M	18	0	2	7	Y
R3-0996	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE02	M	18	0	2	7	Y
R3-0684	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE02	M	18	0	2	1	Y
R3-0582	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE02	M	18	0	2	1	Y
R3-0735	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE04	M	16	0	1	7	N
R3-1027	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE04	M	16	0	1	2	N
R3-0811	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE04	M	16	0	1	1	Y
R3-0814	Lakeshore 914	Lakeshore 914	EC	0	OTC	LRE04	M	16	0	1	7	Y

R3-0851	Lakeshore	914	Lakeshore	914	EC	0	OTC	LRE04	M	16	0	1	5	Y
R3-0901	Lakeshore	914	Lakeshore	914	EC	0	OTC	LRE04	M	16	0	1	1	Y
R3-1121	Lakeshore	914	Lakeshore	914	EC	0	OTC	LRE04	M	16	0	1	7	Y
R3-0853	Lakeshore	914	Lakeshore	914	EC	0	OTC	LRE04	M	16	0	1	1	Y
R3-0771	Lakeshore	914	Lakeshore	914	EC	0	OTC	LRE04	M	16	0	1	1	Y
R3-0797	Lakeshore	914	Lakeshore	914	EC	0	OTC	LRE04	M	16	0	1	7	Y
R3-0796	Lakeshore	914	Lakeshore	914	EC	0	OTC	LRE04	M	16	0	1	1	Y
R3-0630	Lakeshore	914	Lakeshore	914	EC	0	OTC	LRE03	F	20	0	1	1	Y
R2-1065	Lakeshore	914	Lakeshore	914	EC	0	OTC	LRE03	F	20	0	4	7	Y
R3-1015	Lakeshore	914	Lakeshore	914	EC	0	OTC	LRE03	F	20	0	1	7	Y
R3-0862	Lakeshore	914	Lakeshore	914	EC	0	OTC	LRE03	F	20	0	1	6	Y
R3-1030	Lakeshore	914	Lakeshore	914	EC	0	OTC	LRE03	F	20	0	4	1	Y
R3-0671	Lakeshore	914	Lakeshore	914	EC	0	OTC	LRE03	F	20	0	1	1	Y
R3-0920	Lakeshore	914	Lakeshore	914	EC	0	OTC	LRE03	F	20	0	1	7	Y
R4-0037	SWMBH	797	SWMBH	797	EC	0	OTC	SWM11	F	19	0	1	1	Y
R4-0879	SWMBH	797	SWMBH	797	EC	0	OTC	SWM11	F	19	0	1	7	Y
R4-0910	SWMBH	797	SWMBH	797	EC	1	OTC	SWM11	F	19	0	1	1	N
R4-0057	SWMBH	797	SWMBH	797	EC	0	OTC	SWM21	F	18	0	1	7	Y
R4-0065	SWMBH	797	SWMBH	797	EC	0	OTC	SWM21	F	18	0	1	1	Y
R4-0083	SWMBH	797	SWMBH	797	EC	0	OTC	SWM21	F	18	0	1	1	Y
R4-0102	SWMBH	797	SWMBH	797	EC	0	OTC	SWM21	F	18	0	1	5	Y
R4-0123	SWMBH	797	SWMBH	797	EC	0	OTC	SWM21	F	18	0	1	7	Y
R4-0138	SWMBH	797	SWMBH	797	EC	1	OTC	SWM21	F	18	0	1	1	Y
R4-0168	SWMBH	797	SWMBH	797	EC	0	OTC	SWM21	F	18	0	1	6	Y
R4-0231	SWMBH	797	SWMBH	797	EC	0	OTC	SWM21	F	18	0	1	1	Y
R4-0236	SWMBH	797	SWMBH	797	EC	0	OTC	SWM21	F	18	0	1	5	Y
R4-0237	SWMBH	797	SWMBH	797	EC	0	OTC	SWM21	F	18	0	1	1	Y
R4-0242	SWMBH	797	SWMBH	797	EC	0	OTC	SWM21	F	18	0	4	1	Y
R4-0852	SWMBH	797	SWMBH	797	EC	0	OTC	SWM21	F	18	0	1	7	Y
R4-0912	SWMBH	797	SWMBH	797	II		OTC	SWM21	F	18	0		7	
R4-0265	SWMBH	797	SWMBH	797	EC	1	OTC	SWM31	M	18	0	4	7	N
R4-0285	SWMBH	797	SWMBH	797	EC	1	OTC	SWM31	M	18	0	3	1	N
R4-0293	SWMBH	797	SWMBH	797	EC	0	OTC	SWM41	F	16	0	2	1	Y
R4-0311	SWMBH	797	SWMBH	797	EC	0	OTC	SWM42	M	16	0	4	1	Y
R4-0323	SWMBH	797	SWMBH	797	EC	0	OTC	SWM41	F	16	0	2	1	Y
R4-0346	SWMBH	797	SWMBH	797	EC	0	OTC	SWM42	M	16	0	2	5	Y
R4-0812	SWMBH	797	SWMBH	797	EC	0	OTC	SWM42	M	16	0	2	1	Y
R4-0814	SWMBH	797	SWMBH	797	EC	0	OTC	SWM41	F	16	0	2	1	Y
R4-0818	SWMBH	797	SWMBH	797	EC	0	OTC	SWM42	M	16	0	2	1	Y
R4-0831	SWMBH	797	SWMBH	797	EC	0	OTC	SWM41	F	16	0	2	6	Y
R4-0872	SWMBH	797	SWMBH	797	EC	0	OTC	SWM41	F	16	0	2	7	Y
R4-0911	SWMBH	797	SWMBH	797	EC	0	OTC	SWM42	M	16	0	2	1	Y
R4-1062	SWMBH	797	SWMBH	797	EC	0	OTC	SWM41	F	16	0	2	7	Y
R4-0435	SWMBH	797	SWMBH	797	EC	0	OTC	SWM51	M	17	0	1	1	Y
R4-0439	SWMBH	797	SWMBH	797	EC	0	OTC	SWM52	M	18	0	1	7	Y
R4-0464	SWMBH	797	SWMBH	797	EC	0	OTC	SWM51	M	17	0	1	1	Y
R4-0551	SWMBH	797	SWMBH	797	EC	1	OTC	SWM61	M	16	0	1	1	N
R4-0573	SWMBH	797	SWMBH	797	EC	0	OTC	SWM61	M	16	0	1	1	Y

R4-0600	SWMBH	797	SWMBH	797	EC	0	OTC	SWM61	M	16	0	1	6	Y
R4-0622	SWMBH	797	SWMBH	797	EC	0	OTC	SWM61	M	16	0	4	7	Y
R4-0638	SWMBH	797	SWMBH	797	EC	0	OTC	SWM61	M	16	0	1	5	Y
R4-0923	SWMBH	797	SWMBH	797	EC	0	OTC	SWM61	M	16	0	1	7	Y
R4-1005	SWMBH	797	SWMBH	797	EC	0	OTC	SWM61	M	16	0	1	1	Y
R4-1033	SWMBH	797	SWMBH	797	EC	0	OTC	SWM61	M	16	0	1	1	Y
R4-0664	SWMBH	797	SWMBH	797	EC	0	OTC	SWM71	F	16	0	1	7	Y
R4-0668	SWMBH	797	SWMBH	797	EC	0	OTC	SWM71	F	16	0	4	1	Y
R4-0689	SWMBH	797	SWMBH	797	EC	0	OTC	SWM71	F	16	0	1	1	Y
R4-0692	SWMBH	797	SWMBH	797	EC	0	OTC	SWM71	F	16	0	1	7	Y
R4-0694	SWMBH	797	SWMBH	797	EC	0	OTC	SWM71	F	16	0	1	6	Y
R4-1065	SWMBH	797	SWMBH	797	EC	0	OTC	SWM71	F	16	0	1	7	Y
R4-0713	SWMBH	797	SWMBH	797	EC	0	OTC	SWM82	M	16	0	1	1	Y
R4-0727	SWMBH	797	SWMBH	797	EC	0	OTC	SWM81	F	16	0	1	1	Y
R4-0734	SWMBH	797	SWMBH	797	EC	1	OTC	SWM81	F	16	0	1	5	Y
R4-0754	SWMBH	797	SWMBH	797	EC	0	OTC	SWM82	M	16	0	1	7	Y
R4-0762	SWMBH	797	SWMBH	797	EC	0	OTC	SWM82	M	16	0	1	1	Y
R4-0764	SWMBH	797	SWMBH	797	EC	0	OTC	SWM82	M	16	0	1	1	Y
R4-0955	SWMBH	797	SWMBH	797	EC	0	OTC	SWM82	M	16	0	1	1	Y
R4-1011	SWMBH	797	SWMBH	797	EC	0	OTC	SWM81	F	16	0	1	7	Y
R4-1074	SWMBH	797	SWMBH	797	EC	0	OTC	SWM81	F	16	0	1	7	Y
R5-0962	MSHN	1693	MSHN	1693	EC	0	OTC	MHN12	F	19	1	2	7	Y
R5-2144	MSHN	1693	MSHN	1693	EC	0	OTC	MHN09	F	17	1	1	2	Y
R5-0992	MSHN	1693	MSHN	1693	EC	0	OTC	MHN12	F	19	1	2	7	Y
R5-1903	MSHN	1693	MSHN	1693	EC	0	OTC	MHN09	F	17	1	1	7	Y
R5-2182	MSHN	1693	MSHN	1693	EC	0	OTC	MHN14	M	17	1	4	7	Y
R5-1941	MSHN	1693	MSHN	1693	EC	0	OTC	MHN12	F	19	1	2	7	Y
R5-0257	MSHN	1693	MSHN	1693	EC	0	OTC	MHN04	F	19	1	1	1	Y
R5-0505	MSHN	1693	MSHN	1693	EC	1	OTC	MHN08	F	20	1	1	5	Y
R5-0885	MSHN	1693	MSHN	1693	EC	0	OTC	MHN11	M	20	1	1	7	Y
R5-0787	MSHN	1693	MSHN	1693	EC	0	OTC	MHN09	F	17	1	1	5	Y
R5-0161	MSHN	1693	MSHN	1693	EC	0	OTC	MHN03	F	19	1	1	1	Y
R5-1158	MSHN	1693	MSHN	1693	EC	0	OTC	MHN14	M	17	1	1	5	Y
R5-1382	MSHN	1693	MSHN	1693	EC	0	OTC	MHN19	M	16	1	1	1	Y
R5-1755	MSHN	1693	MSHN	1693	EC	0	OTC	MHN05	M	18	1	3	1	Y
R5-0107	MSHN	1693	MSHN	1693	EC	0	OTC	MHN02	F	18	1	4	1	Y
R5-1089	MSHN	1693	MSHN	1693	EC	1	OTC	MHN11	M	20	1	1	1	N
R5-2221	MSHN	1693	MSHN	1693	I3		OTC	MHN09	F	17	1			
R5-0063	MSHN	1693	MSHN	1693	EC	1	OTC	MHN02	F	18	1	4	7	Y
R5-1430	MSHN	1693	MSHN	1693	EC	0	OTC	MHN18	M	16	1	1	1	Y
R5-1397	MSHN	1693	MSHN	1693	EC	0	OTC	MHN18	M	16	1	1	5	Y
R5-1563	MSHN	1693	MSHN	1693	EC	0	OTC	MHN20	M	18	1	1	1	Y
R5-0831	MSHN	1693	MSHN	1693	EC	0	OTC	MHN10	F	17	1	1	1	Y
R5-1081	MSHN	1693	MSHN	1693	EC	0	OTC	MHN13	F	20	1	2	7	Y
R5-1018	MSHN	1693	MSHN	1693	EC	0	OTC	MHN12	F	19	1	2	7	Y
R5-0041	MSHN	1693	MSHN	1693	EC	0	OTC	MHN02	F	18	1	4	7	Y
R5-1754	MSHN	1693	MSHN	1693	EC	0	OTC	MHN18	M	16	1	1	5	Y
R5-0540	MSHN	1693	MSHN	1693	EC	0	OTC	MHN08	F	20	1	1	1	Y

R5-1793	MSHN	1693	MSHN	1693	EC	1	OTC	MHN14	M	17	1	4	7	Y
R5-0972	MSHN	1693	MSHN	1693	EC	0	OTC	MHN13	F	20	1	2	7	Y
R5-0588	MSHN	1693	MSHN	1693	EC	0	OTC	MHN09	F	17	1	1	5	Y
R5-2198	MSHN	1693	MSHN	1693	EC	0	OTC	MHN13	F	20	1	2	7	Y
R5-0980	MSHN	1693	MSHN	1693	EC	0	OTC	MHN13	F	20	1	2	1	Y
R5-0612	MSHN	1693	MSHN	1693	EC	0	OTC	MHN09	F	17	1	1	1	Y
R5-0805	MSHN	1693	MSHN	1693	EC	0	OTC	MHN09	F	17	1	1	1	Y
R5-1288	MSHN	1693	MSHN	1693	EC	0	OTC	MHN16	F	20	1	4	1	Y
R5-0261	MSHN	1693	MSHN	1693	EC	0	OTC	MHN04	F	19	1	1	7	Y
R5-1181	MSHN	1693	MSHN	1693	EC	0	OTC	MHN14	M	17	1	4	1	Y
R5-1828	MSHN	1693	MSHN	1693	EC	0	OTC	MHN19	M	16	1	1	7	Y
R5-1796	MSHN	1693	MSHN	1693	EC	0	OTC	MHN15	F	19	1	1	7	Y
R5-0047	MSHN	1693	MSHN	1693	EC	0	OTC	MHN02	F	18	1	4	7	Y
R5-0798	MSHN	1693	MSHN	1693	EC	0	OTC	MHN09	F	17	1	1	1	Y
R5-2215	MSHN	1693	MSHN	1693	I1		OTC	MHN11	M	20	1		2	
R5-2152	MSHN	1693	MSHN	1693	EC	0	OTC	MHN09	F	17	1	1	5	Y
R5-0413	MSHN	1693	MSHN	1693	EC	0	OTC	MHN06	M	19	1	1	5	Y
R5-2228	MSHN	1693	MSHN	1693	EC	1	OTC	MHN17	F	20	1	4	2	Y
R5-1761	MSHN	1693	MSHN	1693	EC	0	OTC	MHN09	F	17	1	1	5	Y
R5-1074	MSHN	1693	MSHN	1693	EC	0	OTC	MHN13	F	20	1	2	1	Y
R5-0406	MSHN	1693	MSHN	1693	EC	0	OTC	MHN06	M	19	1	1	5	Y
R5-1326	MSHN	1693	MSHN	1693	EC	0	OTC	MHN16	F	20	1	4	1	Y
R5-1197	MSHN	1693	MSHN	1693	EC	0	OTC	MHN14	M	17	1	4	1	Y
R5-0989	MSHN	1693	MSHN	1693	EC	0	OTC	MHN12	F	19	1	2	5	Y
R5-1586	MSHN	1693	MSHN	1693	EC	0	OTC	MHN20	M	18	1	4	1	Y
R5-1602	MSHN	1693	MSHN	1693	EC	0	OTC	MHN20	M	18	1	4	5	Y
R5-0566	MSHN	1693	MSHN	1693	EC	0	OTC	MHN09	F	17	1	1	1	Y
R5-2186	MSHN	1693	MSHN	1693	I3		OTC	MHN09	F	17	1		7	
R5-1926	MSHN	1693	MSHN	1693	EC	0	OTC	MHN16	F	20	1	1	7	Y
R5-1945	MSHN	1693	MSHN	1693	EC	0	OTC	MHN12	F	19	1	2	7	Y
R5-2103	MSHN	1693	MSHN	1693	EC	0	OTC	MHN03	F	19	1	1	5	Y
R5-0580	MSHN	1693	MSHN	1693	EC	0	OTC	MHN09	F	17	1	1	6	Y
R5-0248	MSHN	1693	MSHN	1693	EC	0	OTC	MHN04	F	19	1	1	7	Y
R5-1517	MSHN	1693	MSHN	1693	EC	0	OTC	MHN19	M	16	1	1	6	Y
R5-1466	MSHN	1693	MSHN	1693	EC	0	OTC	MHN19	M	16	1	1	7	Y
R5-0476	MSHN	1693	MSHN	1693	EC	0	OTC	MHN07	F	18	1	1	7	Y
R5-2178	MSHN	1693	MSHN	1693	I1		OTC	MHN11	M	20	1		2	
R5-1134	MSHN	1693	MSHN	1693	EC	0	OTC	MHN14	M	17	1	4	1	Y
R5-1640	MSHN	1693	MSHN	1693	EC	0	OTC	MHN21	F	19	1	1	1	Y
R5-0563	MSHN	1693	MSHN	1693	EC	0	OTC	MHN09	F	17	1	1	1	Y
R5-0859	MSHN	1693	MSHN	1693	EC	1	OTC	MHN10	F	17	1	1	5	Y
R5-0348	MSHN	1693	MSHN	1693	EC	0	OTC	MHN05	M	18	1	3	7	Y
R5-1989	MSHN	1693	MSHN	1693	EC	0	OTC	MHN16	F	20	1	1	7	Y
R5-0309	MSHN	1693	MSHN	1693	EC	0	OTC	MHN05	M	18	1	3	6	Y
R5-0837	MSHN	1693	MSHN	1693	EC	0	OTC	MHN10	F	17	1	1	6	Y
R5-1924	MSHN	1693	MSHN	1693	EC	0	OTC	MHN09	F	17	1	1	2	Y
R5-1097	MSHN	1693	MSHN	1693	EC	1	OTC	MHN11	M	20	1	1	7	N
R5-1935	MSHN	1693	MSHN	1693	EC	0	OTC	MHN16	F	20	1	1	7	Y

R5-2113	MSHN	1693	MSHN	1693	EC	0	OTC	MHN03	F	19	1	1	5	Y
R5-1465	MSHN	1693	MSHN	1693	EC	0	OTC	MHN19	M	16	1	1	7	Y
R5-1530	MSHN	1693	MSHN	1693	EC	0	OTC	MHN18	M	16	1	1	1	Y
R5-2108	MSHN	1693	MSHN	1693	EC	0	OTC	MHN19	M	16	1	1	7	Y
R5-0598	MSHN	1693	MSHN	1693	EC	0	OTC	MHN09	F	17	1	1	1	Y
R5-2067	MSHN	1693	MSHN	1693	EC	0	OTC	MHN05	M	18	1	3	5	Y
R5-0863	MSHN	1693	MSHN	1693	EC	0	OTC	MHN10	F	17	1	1	7	Y
R5-1341	MSHN	1693	MSHN	1693	EC	0	OTC	MHN11	M	20	1	1	7	Y
R5-0877	MSHN	1693	MSHN	1693	EC	0	OTC	MHN11	M	20	1	1	7	Y
R5-1139	MSHN	1693	MSHN	1693	EC	0	OTC	MHN14	M	17	1	4	7	Y
R5-1027	MSHN	1693	MSHN	1693	EC	0	OTC	MHN12	F	19	1	2	1	Y
R5-0687	MSHN	1693	MSHN	1693	EC	0	OTC	MHN09	F	17	1	1	1	Y
R5-1537	MSHN	1693	MSHN	1693	EC	0	OTC	MHN18	M	16	1	1	7	Y
R5-0123	MSHN	1693	MSHN	1693	EC	0	OTC	MHN02	F	18	1	1	1	Y
R5-1106	MSHN	1693	MSHN	1693	EC	0	OTC	MHN11	M	20	1	1	6	Y
R5-0467	MSHN	1693	MSHN	1693	EC	0	OTC	MHN07	F	18	1	4	7	Y
R5-0699	MSHN	1693	MSHN	1693	EC	0	OTC	MHN09	F	17	1	1	5	Y
R5-0864	MSHN	1693	MSHN	1693	EC	0	OTC	MHN10	F	17	1	1	1	Y
R5-2088	MSHN	1693	MSHN	1693	I2		OTC	MHN05	M	18	1		7	
R5-2009	MSHN	1693	MSHN	1693	EC	1	OTC	MHN12	F	19	1	2	1	Y
R5-1933	MSHN	1693	MSHN	1693	EC	0	OTC	MHN12	F	19	1	2	7	Y
R5-2145	MSHN	1693	MSHN	1693	EC	0	OTC	MHN03	F	19	1	1	5	Y
R5-0004	MSHN	1693	MSHN	1693	EC	0	OTC	MHN01	M	19	1	1	1	Y
R5-2210	MSHN	1693	MSHN	1693	EC	0	OTC	MHN09	F	17	1	1	5	Y
R5-1278	MSHN	1693	MSHN	1693	EC	0	OTC	MHN15	F	19	1	1	1	Y
R5-1621	MSHN	1693	MSHN	1693	EC	0	OTC	MHN21	F	19	1	1	1	Y
R5-1476	MSHN	1693	MSHN	1693	EC	0	OTC	MHN19	M	16	1	1	7	Y
R5-1148	MSHN	1693	MSHN	1693	EC	0	OTC	MHN14	M	17	1	4	7	Y
R5-0058	MSHN	1693	MSHN	1693	EC	0	OTC	MHN02	F	18	1	4	1	Y
R5-1073	MSHN	1693	MSHN	1693	EC	0	OTC	MHN13	F	20	1	1	7	Y
R5-0302	MSHN	1693	MSHN	1693	EC	0	OTC	MHN05	M	18	1	3	1	Y
R5-1355	MSHN	1693	MSHN	1693	EC	0	OTC	MHN11	M	20	1	1	7	Y
R5-0495	MSHN	1693	MSHN	1693	EC	1	OTC	MHN08	F	20	1	1	1	Y
R5-1956	MSHN	1693	MSHN	1693	I2		OTC	MHN12	F	19	1		7	
R5-1884	MSHN	1693	MSHN	1693	EC	0	OTC	MHN18	M	16	1	1	7	Y
R5-1390	MSHN	1693	MSHN	1693	EC	0	OTC	MHN18	M	16	1	4	7	Y
R5-0077	MSHN	1693	MSHN	1693	EC	0	OTC	MHN02	F	18	1	4	1	Y
R5-1673	MSHN	1693	MSHN	1693	EC	0	OTC	MHN04	F	19	1	1	7	Y
R5-0092	MSHN	1693	MSHN	1693	EC	0	OTC	MHN02	F	18	1	4	1	Y
R5-1895	MSHN	1693	MSHN	1693	EC	0	OTC	MHN10	F	17	1	1	1	Y
R5-2005	MSHN	1693	MSHN	1693	EC	0	OTC	MHN01	M	19	1	1	7	Y
R5-0727	MSHN	1693	MSHN	1693	EC	0	OTC	MHN09	F	17	1	1	1	Y
R6-0083	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE01	F	20	0	1	5	Y
R6-0641	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE01	F	20	0	1	5	Y
R6-0077	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE01	F	20	0	1	1	Y
R6-0165	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE21	F	18	0	4	5	Y
R6-0161	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE22	M	17	0	4	1	Y
R6-0475	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE62	M	17	0	4	5	Y

R6-0478	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE61	F	18	0	4	1	Y
R6-0382	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE61	F	18	0	4	1	Y
R6-0615	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE62	M	17	0	4	1	Y
R6-0339	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE61	F	18	0	1	7	Y
R6-0555	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE62	M	17	0	1	7	Y
R6-0385	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE61	F	18	0	4	1	Y
R6-0329	CMHPSM	510	CMHPSM	510	I5		OTC	PSE42	M	17	0		7	
R6-0235	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE42	M	17	0	4	7	Y
R6-0239	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE42	M	17	0	1	1	Y
R6-0327	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE42	M	17	0	4	5	Y
R6-0220	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE41	F	18	0	1	1	Y
R6-0214	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE42	M	17	0	1	7	Y
R6-0422	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE62	M	17	0	4	1	Y
R6-0431	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE64	F	16	0	1	1	Y
R6-0447	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE63	M	18	0	1	1	Y
R6-0554	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE64	F	16	0	1	1	Y
R6-0612	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE43	M	18	0	1	1	Y
R6-0223	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE44	F	16	0	1	5	Y
R6-0285	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE43	M	18	0	1	7	Y
R6-0287	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE44	F	16	0	4	7	Y
R6-0269	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE43	M	18	0	4	7	Y
R6-0263	CMHPSM	510	CMHPSM	510	EC	1	OTC	PSE44	F	16	0	4	7	Y
R6-0224	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE43	M	18	0	4	1	Y
R6-0524	CMHPSM	510	CMHPSM	510	EC	1	OTC	PSE63	M	18	0	4	1	N
R6-0542	CMHPSM	510	CMHPSM	510	EC	1	OTC	PSE64	F	16	0	4	1	Y
R6-0594	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE63	M	18	0	1	5	Y
R6-0192	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE24	F	16	0	1	1	Y
R6-0143	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE24	F	16	0	1	1	Y
R6-0136	CMHPSM	510	CMHPSM	510	EC	0	OTC	PSE24	F	16	0	1	7	Y
R7-0419	DETWAYNI 1688		DETWAYNI 1688		I5		OTC	DW115	F	17	3		7	
R7-1306	DETWAYNI 1688		DETWAYNI 1688		EC	0	OTC	DW115	F	17	3	1	1	Y
R7-1309	DETWAYNI 1688		DETWAYNI 1688		EC	0	OTC	DW115	F	17	3	1	7	Y
R7-1293	DETWAYNI 1688		DETWAYNI 1688		EC	0	OTC	DW115	F	17	3	4	7	Y
R7-0741	DETWAYNI 1688		DETWAYNI 1688		EC	0	OTC	DW115	F	17	3	4	7	Y
R7-1191	DETWAYNI 1688		DETWAYNI 1688		EC	0	OTC	DW115	F	17	3	4	1	Y
R7-1294	DETWAYNI 1688		DETWAYNI 1688		EC	1	OTC	DW115	F	17	3	1	6	N
R7-2107	DETWAYNI 1688		DETWAYNI 1688		EC	1	OTC	DW115	F	17	3	1	1	N
R7-2114	DETWAYNI 1688		DETWAYNI 1688		EC	0	OTC	DW115	F	17	3	1	7	N
R7-2085	DETWAYNI 1688		DETWAYNI 1688		EC	0	OTC	DW115	F	17	3	1	1	Y
R7-1092	DETWAYNI 1688		DETWAYNI 1688		EC	1	OTC	DW115	F	17	3	1	7	N
R7-2089	DETWAYNI 1688		DETWAYNI 1688		EC	0	OTC	DW115	F	17	3	1	1	Y
R7-2436	DETWAYNI 1688		DETWAYNI 1688		EC	0	OTC	DW115	F	17	3	1	7	N
R7-2483	DETWAYNI 1688		DETWAYNI 1688		EC	0	OTC	DW116	M	18	3	1	7	N
R7-0430	DETWAYNI 1688		DETWAYNI 1688		EC	0	OTC	DW116	M	18	3	4	1	Y
R7-2469	DETWAYNI 1688		DETWAYNI 1688		EC	1	OTC	DW116	M	18	3	1	7	N
R7-2116	DETWAYNI 1688		DETWAYNI 1688		I2		OTC	DW116	M	18	3		5	
R7-2470	DETWAYNI 1688		DETWAYNI 1688		EC	0	OTC	DW116	M	18	3	1	1	Y
R7-0343	DETWAYNI 1688		DETWAYNI 1688		EC	0	OTC	DW116	M	18	3	1	1	Y

R7-2236	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW116	M	18	3	4	7	Y
R7-1107	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW116	M	18	3	2	7	N
R7-0403	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW116	M	18	3	2	7	Y
R7-2100	DETWAYNI 1688	DETWAYNI 1688	EC	1	OTC	DW116	M	18	3	1	1	N
R7-0611	DETWAYNI 1688	DETWAYNI 1688	EC	1	OTC	DW116	M	18	3	2	7	N
R7-2119	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW116	M	18	3	2	5	Y
R7-2176	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW115	F	17	3	1	7	Y
R7-2091	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW115	F	17	3	1	7	Y
R7-2534	DETWAYNI 1688	DETWAYNI 1688	EC	1	OTC	DW115	F	17	3	4	2	N
R7-1317	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW115	F	17	3	4	1	Y
R7-1316	DETWAYNI 1688	DETWAYNI 1688	I5		OTC	DW115	F	17	3		7	
R7-2208	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW115	F	17	3	4	1	Y
R7-1362	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW115	F	17	3	4	7	Y
R7-0879	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW115	F	17	3	4	7	Y
R7-1212	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW115	F	17	3	4	1	Y
R7-0913	DETWAYNI 1688	DETWAYNI 1688	I1		OTC	DW115	F	17	3			
R7-2458	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW115	F	17	3	4	1	Y
R7-2525	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW115	F	17	3	4	7	Y
R7-1137	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW115	F	17	3	4	7	Y
R7-0835	DETWAYNI 1688	DETWAYNI 1688	I1		OTC	DW116	M	18	3		7	
R7-2425	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW116	M	18	3	1	7	Y
R7-0594	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW116	M	18	3	1	5	Y
R7-0892	DETWAYNI 1688	DETWAYNI 1688	EC	1	OTC	DW116	M	18	3	1	1	Y
R7-0645	DETWAYNI 1688	DETWAYNI 1688	EC	1	OTC	DW116	M	18	3	1	7	Y
R7-2061	DETWAYNI 1688	DETWAYNI 1688	EC	1	OTC	DW116	M	18	3	1	1	N
R7-0424	DETWAYNI 1688	DETWAYNI 1688	I1		OTC	DW116	M	18	3		7	
R7-0896	DETWAYNI 1688	DETWAYNI 1688	EC	1	OTC	DW116	M	18	3	1	1	N
R7-1131	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW116	M	18	3	2	7	N
R7-2180	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW116	M	18	3	1	1	Y
R7-0472	DETWAYNI 1688	DETWAYNI 1688	EC	1	OTC	DW116	M	18	3	2	7	N
R7-0473	DETWAYNI 1688	DETWAYNI 1688	EC	1	OTC	DW116	M	18	3	1	5	N
R7-0497	DETWAYNI 1688	DETWAYNI 1688	I5		OTC	DW116	M	18	3		7	
R7-0485	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW115	F	17	3	1	1	Y
R7-0968	DETWAYNI 1688	DETWAYNI 1688	EC	1	OTC	DW115	F	17	3	1	6	N
R7-2128	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW115	F	17	3	4	7	Y
R7-2340	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW115	F	17	3	4	1	Y
R7-2174	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW115	F	17	3	4	1	N
R7-2162	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW115	F	17	3	4	7	Y
R7-0842	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW115	F	17	3	4	1	Y
R7-2195	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW115	F	17	3	1	7	Y
R7-2441	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW115	F	17	3	4	7	Y
R7-0856	DETWAYNI 1688	DETWAYNI 1688	EC	1	OTC	DW115	F	17	3	4	1	N
R7-2169	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW116	M	18	3	1	7	Y
R7-0660	DETWAYNI 1688	DETWAYNI 1688	EC	1	OTC	DW116	M	18	3	4	7	N
R7-2166	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW116	M	18	3	1	1	Y
R7-0838	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW116	M	18	3	2	1	Y
R7-0799	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW116	M	18	3	1	1	Y
R7-0648	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW116	M	18	3	1	1	N

R7-1090	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW116	M	18	3	2	1	Y
R7-0396	DETWAYNI 1688	DETWAYNI 1688	EC	1	OTC	DW116	M	18	3	4	1	N
R7-0342	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW116	M	18	3	4	7	Y
R7-2496	DETWAYNI 1688	DETWAYNI 1688	EC	1	OTC	DW116	M	18	3	4	7	N
R7-1697	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW119	F	16	3	1	6	Y
R7-0201	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW118	M	17	3	4	1	Y
R7-0228	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW117	M	18	3	4	6	Y
R7-0226	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW118	M	17	3	1	6	Y
R7-0180	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW117	M	18	3	1	1	Y
R7-0181	DETWAYNI 1688	DETWAYNI 1688	EC	1	OTC	DW118	M	17	3	4	1	N
R7-0210	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW118	M	17	3	1	6	Y
R7-0221	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW118	M	17	3	4	7	Y
R7-0177	DETWAYNI 1688	DETWAYNI 1688	EC	1	OTC	DW118	M	17	3	4	5	N
R7-0150	DETWAYNI 1688	DETWAYNI 1688	EC	1	OTC	DW117	M	18	3	1	1	N
R7-0268	DETWAYNI 1688	DETWAYNI 1688	EC	1	OTC	DW117	M	18	3	5	1	N
R7-0236	DETWAYNI 1688	DETWAYNI 1688	EC	1	OTC	DW117	M	18	3	4	1	N
R7-0277	DETWAYNI 1688	DETWAYNI 1688	EC	1	OTC	DW117	M	18	3	4	1	N
R7-0294	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW117	M	18	3	1	6	Y
R7-2548	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW117	M	18	3	4	6	Y
R7-1787	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW119	F	16	3	1	7	Y
R7-1425	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW119	F	16	3	1	7	Y
R7-1400	DETWAYNI 1688	DETWAYNI 1688	EC	1	OTC	DW119	F	16	3	1	1	N
R7-1403	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW119	F	16	3	1	1	Y
R7-1831	DETWAYNI 1688	DETWAYNI 1688	EC	1	OTC	DW119	F	16	3	1	1	Y
R7-2364	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW119	F	16	3	1	1	Y
R7-1837	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW119	F	16	3	1	6	Y
R7-1706	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW119	F	16	3	1	1	Y
R7-1834	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW119	F	16	3	1	7	Y
R7-0043	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW119	F	16	3	1	7	Y
R7-0044	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW119	F	16	3	1	7	Y
R7-0067	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW119	F	16	3	1	7	Y
R7-1712	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW119	F	16	3	1	1	Y
R7-1944	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW119	F	16	3	1	7	Y
R7-1949	DETWAYNI 1688	DETWAYNI 1688	EC	1	OTC	DW119	F	16	3	1	7	N
R7-1937	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW119	F	16	3	1	7	Y
R7-1468	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW119	F	16	3	1	7	Y
R7-1516	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW119	F	16	3	1	1	Y
R7-1586	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW119	F	16	3	1	1	Y
R7-1581	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW119	F	16	3	1	5	Y
R7-1615	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW119	F	16	3	1	2	Y
R7-0098	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW119	F	16	3	1	1	Y
R7-1244	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW119	F	16	3	1	1	Y
R7-2021	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW119	F	16	3	1	7	Y
R7-2020	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW119	F	16	3	1	7	Y
R7-1225	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW119	F	16	3	1	7	Y
R7-2026	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW119	F	16	3	1	7	Y
R7-1642	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW120	M	16	3	1	6	Y
R7-1280	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW120	M	16	3	1	5	Y

R7-1264	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW120	M	16	3	1	6	Y
R7-2430	DETWAYNI 1688	DETWAYNI 1688	EC	0	OTC	DW120	M	16	3	1	1	Y
R8-0494	Oakland 831	Oakland 831	EC	0	OTC	OCC03	F	16	0	1	6	Y
R8-0012	Oakland 831	Oakland 831	EC	0	OTC	OCC03	F	16	0	1	1	Y
R8-0375	Oakland 831	Oakland 831	EC	0	OTC	OCC03	F	16	0	1	5	Y
R8-0383	Oakland 831	Oakland 831	EC	0	OTC	OCC03	F	16	0	1	7	Y
R8-0239	Oakland 831	Oakland 831	EC	0	OTC	OCC03	F	16	0	1	1	Y
R8-0092	Oakland 831	Oakland 831	EC	0	OTC	OCC03	F	16	0	1	6	Y
R8-0100	Oakland 831	Oakland 831	EC	0	OTC	OCC03	F	16	0	1	6	Y
R8-0079	Oakland 831	Oakland 831	EC	0	OTC	OCC03	F	16	0	1	7	Y
R8-0770	Oakland 831	Oakland 831	EC	0	OTC	OCC06	F	18	0	1	7	Y
R8-1012	Oakland 831	Oakland 831	EC	0	OTC	OCC06	F	18	0	1	7	Y
R8-0804	Oakland 831	Oakland 831	EC	0	OTC	OCC06	F	18	0	1	7	Y
R8-0684	Oakland 831	Oakland 831	EC	0	OTC	OCC06	F	18	0	1	1	Y
R8-0331	Oakland 831	Oakland 831	EC	1	OTC	OCC06	F	18	0	1	7	N
R8-0989	Oakland 831	Oakland 831	EC	0	OTC	OCC06	F	18	0	4	7	Y
R8-0178	Oakland 831	Oakland 831	EC	1	OTC	OCC06	F	18	0	1	7	Y
R8-0169	Oakland 831	Oakland 831	EC	0	OTC	OCC06	F	18	0	1	6	Y
R8-0170	Oakland 831	Oakland 831	EC	0	OTC	OCC06	F	18	0	1	6	Y
R8-0422	Oakland 831	Oakland 831	EC	1	OTC	OCC01	M	20	0	4	7	N
R8-0446	Oakland 831	Oakland 831	EC	0	OTC	OCC01	M	20	0	1	5	Y
R8-0402	Oakland 831	Oakland 831	EC	1	OTC	OCC01	M	20	0	2	7	Y
R8-0752	Oakland 831	Oakland 831	EC	0	OTC	OCC01	M	20	0	4	2	Y
R8-0721	Oakland 831	Oakland 831	EC	1	OTC	OCC01	M	20	0	4	1	N
R8-0729	Oakland 831	Oakland 831	EC	0	OTC	OCC01	M	20	0	4	1	Y
R8-0728	Oakland 831	Oakland 831	EC	1	OTC	OCC01	M	20	0	4	1	N
R8-0704	Oakland 831	Oakland 831	EC	0	OTC	OCC01	M	20	0	4	7	Y
R8-0410	Oakland 831	Oakland 831	EC	0	OTC	OCC01	M	20	0	4	7	Y
R8-0103	Oakland 831	Oakland 831	EC	0	OTC	OCC04	M	18	0	1	7	Y
R8-0105	Oakland 831	Oakland 831	EC	1	OTC	OCC04	M	18	0	1	7	N
R8-0553	Oakland 831	Oakland 831	EC	0	OTC	OCC04	M	18	0	1	1	Y
R8-0224	Oakland 831	Oakland 831	EC	0	OTC	OCC04	M	18	0	1	7	Y
R8-0557	Oakland 831	Oakland 831	EC	1	OTC	OCC04	M	18	0	1	7	N
R8-0551	Oakland 831	Oakland 831	EC	0	OTC	OCC04	M	18	0	1	1	Y
R8-0048	Oakland 831	Oakland 831	EC	1	OTC	OCC04	M	18	0	1	7	Y
R8-0049	Oakland 831	Oakland 831	EC	1	OTC	OCC04	M	18	0	1	5	Y
R8-0568	Oakland 831	Oakland 831	EC	0	OTC	OCC04	M	18	0	1	7	Y
R8-0570	Oakland 831	Oakland 831	EC	1	OTC	OCC04	M	18	0	1	1	N
R8-0075	Oakland 831	Oakland 831	EC	0	OTC	OCC04	M	18	0	1	1	Y
R8-0597	Oakland 831	Oakland 831	EC	1	OTC	OCC03	F	16	0	1	1	N
R8-0860	Oakland 831	Oakland 831	EC	0	OTC	OCC03	F	16	0	1	1	Y
R8-0356	Oakland 831	Oakland 831	EC	0	OTC	OCC03	F	16	0	1	7	Y
R8-0571	Oakland 831	Oakland 831	EC	0	OTC	OCC03	F	16	0	1	1	Y
R8-0192	Oakland 831	Oakland 831	EC	0	OTC	OCC03	F	16	0	1	1	Y
R8-0836	Oakland 831	Oakland 831	EC	0	OTC	OCC03	F	16	0	1	7	Y
R8-0586	Oakland 831	Oakland 831	EC	1	OTC	OCC03	F	16	0	1	7	N
R8-0197	Oakland 831	Oakland 831	EC	1	OTC	OCC03	F	16	0	1	5	Y
R8-0628	Oakland 831	Oakland 831	EC	1	OTC	OCC03	F	16	0	1	6	N

R8-0598	Oakland	831	Oakland	831	EC	0	OTC	OCC03	F	16	0	1	1	Y
R8-0826	Oakland	831	Oakland	831	EC	0	OTC	OCC02	F	16	0	1	6	Y
R8-0230	Oakland	831	Oakland	831	EC	0	OTC	OCC02	F	16	0	4	1	Y
R8-0311	Oakland	831	Oakland	831	EC	0	OTC	OCC02	F	16	0	4	5	Y
R8-0501	Oakland	831	Oakland	831	EC	0	OTC	OCC02	F	16	0	1	6	Y
R8-0318	Oakland	831	Oakland	831	EC	0	OTC	OCC02	F	16	0	4	2	Y
R8-1019	Oakland	831	Oakland	831	EC	1	OTC	OCC02	F	16	0	4	1	N
R8-0954	Oakland	831	Oakland	831	EC	0	OTC	OCC02	F	16	0	1	5	Y
R8-0042	Oakland	831	Oakland	831	I2		OTC	OCC02	F	16	0		3	
R8-0931	Oakland	831	Oakland	831	EC	1	OTC	OCC02	F	16	0	4	1	N
R8-1001	Oakland	831	Oakland	831	EC	0	OTC	OCC02	F	16	0	2	7	Y
R9-0746	MACOMB	678	MACOMB	678	EC	1	OTC	MCC01	M	20	1	2	2	N
R9-0743	MACOMB	678	MACOMB	678	EC	0	OTC	MCC01	M	20	1	4	2	Y
R9-0618	MACOMB	678	MACOMB	678	EC	0	OTC	MCC01	M	20	1	4	1	Y
R9-0005	MACOMB	678	MACOMB	678	EC	1	OTC	MCC01	M	20	1	4	1	N
R9-0651	MACOMB	678	MACOMB	678	EC	1	OTC	MCC01	M	20	1	1	1	N
R9-0174	MACOMB	678	MACOMB	678	EC	0	OTC	MCC01	M	20	1	4	1	Y
R9-0161	MACOMB	678	MACOMB	678	EC	1	OTC	MCC01	M	20	1	4	1	N
R9-0776	MACOMB	678	MACOMB	678	EC	1	OTC	MCC01	M	20	1	4	1	N
R9-0171	MACOMB	678	MACOMB	678	EC	0	OTC	MCC01	M	20	1	1	1	Y
R9-0464	MACOMB	678	MACOMB	678	EC	0	OTC	MCC01	M	20	1	4	1	Y
R9-0587	MACOMB	678	MACOMB	678	EC	1	OTC	MCC01	M	20	1	4	1	N
R9-0328	MACOMB	678	MACOMB	678	EC	0	OTC	MCC01	M	20	1	4	1	Y
R9-0345	MACOMB	678	MACOMB	678	EC	0	OTC	MCC01	M	20	1	1	6	Y
R9-0341	MACOMB	678	MACOMB	678	EC	0	OTC	MCC01	M	20	1	1	6	Y
R9-0356	MACOMB	678	MACOMB	678	EC	1	OTC	MCC01	M	20	1	4	1	Y
R9-0779	MACOMB	678	MACOMB	678	EC	0	OTC	MCC01	M	20	1	1	2	Y
R9-0445	MACOMB	678	MACOMB	678	EC	1	OTC	MCC01	M	20	1	1	6	Y
R9-0442	MACOMB	678	MACOMB	678	EC	1	OTC	MCC01	M	20	1	4	1	Y
R9-0481	MACOMB	678	MACOMB	678	EC	0	OTC	MCC01	M	20	1	4	5	Y
R9-0201	MACOMB	678	MACOMB	678	EC	0	OTC	MCC02	M	16	1	1	7	N
R9-0218	MACOMB	678	MACOMB	678	EC	0	OTC	MCC02	M	16	1	1	1	Y
R9-0022	MACOMB	678	MACOMB	678	EC	0	OTC	MCC02	M	16	1	1	1	Y
R9-0287	MACOMB	678	MACOMB	678	EC	0	OTC	MCC02	M	16	1	1	1	Y
R9-0216	MACOMB	678	MACOMB	678	EC	0	OTC	MCC02	M	16	1	1	1	Y
R9-0806	MACOMB	678	MACOMB	678	EC	0	OTC	MCC02	M	16	1	1	7	Y
R9-0303	MACOMB	678	MACOMB	678	EC	0	OTC	MCC02	M	16	1	1	1	Y
R9-0878	MACOMB	678	MACOMB	678	EC	0	OTC	MCC02	M	16	1	1	1	Y
R9-0851	MACOMB	678	MACOMB	678	EC	0	OTC	MCC02	M	16	1	4	1	Y
R9-0752	MACOMB	678	MACOMB	678	EC	0	OTC	MCC02	M	16	1	4	7	N
R9-0411	MACOMB	678	MACOMB	678	EC	0	OTC	MCC02	M	16	1	4	1	Y
R9-0232	MACOMB	678	MACOMB	678	EC	0	OTC	MCC02	M	16	1	1	5	Y
R9-0226	MACOMB	678	MACOMB	678	EC	0	OTC	MCC02	M	16	1	4	1	Y
R9-0930	MACOMB	678	MACOMB	678	EC	0	OTC	MCC02	M	16	1	4	7	Y
R9-0419	MACOMB	678	MACOMB	678	EC	0	OTC	MCC02	M	16	1	4	7	N
R9-0051	MACOMB	678	MACOMB	678	EC	0	OTC	MCC03	F	16	1	4	1	N
R9-0087	MACOMB	678	MACOMB	678	EC	0	OTC	MCC03	F	16	1	4	7	Y
R9-0910	MACOMB	678	MACOMB	678	EC	1	OTC	MCC03	F	16	1	1	1	Y

R9-0048	MACOMB	678	MACOMB	678	EC	0	OTC	MCC03	F	16	1	4	7	Y
R9-0816	MACOMB	678	MACOMB	678	EC	0	OTC	MCC03	F	16	1	1	2	Y
R9-0057	MACOMB	678	MACOMB	678	EC	0	OTC	MCC03	F	16	1	1	1	Y
R9-0584	MACOMB	678	MACOMB	678	EC	0	OTC	MCC03	F	16	1	4	1	Y
R9-0531	MACOMB	678	MACOMB	678	EC	0	OTC	MCC03	F	16	1	1	5	Y
R9-0548	MACOMB	678	MACOMB	678	EC	0	OTC	MCC03	F	16	1	1	7	Y
R9-0854	MACOMB	678	MACOMB	678	EC	0	OTC	MCC03	F	16	1	4	1	N
R9-0510	MACOMB	678	MACOMB	678	EC	0	OTC	MCC03	F	16	1	4	1	Y
R9-0181	MACOMB	678	MACOMB	678	EC	1	OTC	MCC03	F	16	1	4	7	Y
R9-0772	MACOMB	678	MACOMB	678	EC	0	OTC	MCC03	F	16	1	4	1	Y
R10-0497	Region10	715	Region10	715	N4		OTC	RPH30	F	17	0		7	
R10-0487	Region10	715	Region10	715	EC	0	OTC	RPH30	F	17	0	1	6	Y
R10-0483	Region10	715	Region10	715	EC	0	OTC	RPH30	F	17	0	1	7	Y
R10-0478	Region10	715	Region10	715	EC	0	OTC	RPH30	F	17	0	1	1	Y
R10-0499	Region10	715	Region10	715	EC	0	OTC	RPH30	F	17	0	1	6	Y
R10-0531	Region10	715	Region10	715	EC	0	OTC	RPH30	F	17	0	1	7	Y
R10-0514	Region10	715	Region10	715	N4		OTC	RPH30	F	17	0		7	
R10-0667	Region10	715	Region10	715	EC	0	OTC	RHP25	M	18	0	1	1	Y
R10-0906	Region10	715	Region10	715	EC	0	OTC	RHP25	M	18	0	1	7	Y
R10-0635	Region10	715	Region10	715	EC	1	OTC	RHP25	M	18	0	1	7	N
R10-0755	Region10	715	Region10	715	EC	0	OTC	RHP25	M	18	0	1	7	Y
R10-0700	Region10	715	Region10	715	EC	1	OTC	RHP25	M	18	0	1	7	N
R10-0899	Region10	715	Region10	715	EC	0	OTC	RHP25	M	18	0	1	7	N
R10-0591	Region10	715	Region10	715	EC	0	OTC	RHP25	M	18	0	1	7	Y
R10-0890	Region10	715	Region10	715	EC	0	OTC	RHP25	M	18	0	4	1	Y
R10-0685	Region10	715	Region10	715	EC	0	OTC	RHP25	M	18	0	1	7	Y
R10-0628	Region10	715	Region10	715	EC	0	OTC	RHP25	M	18	0	1	7	Y
R10-0155	Region10	715	Region10	715	EC	0	OTC	RHP40	M	17	0	1	7	Y
R10-0909	Region10	715	Region10	715	EC	1	OTC	RHP40	M	17	0	4	2	N
R10-0392	Region10	715	Region10	715	EC	0	OTC	RHP40	M	17	0	1	1	Y
R10-0173	Region10	715	Region10	715	EC	0	OTC	RHP40	M	17	0	1	5	Y
R10-0407	Region10	715	Region10	715	EC	1	OTC	RHP40	M	17	0	1	6	N
R10-0101	Region10	715	Region10	715	EC	0	OTC	RHP40	M	17	0	4	1	Y
R10-0319	Region10	715	Region10	715	EC	0	OTC	RHP40	M	17	0	1	7	Y
R10-0246	Region10	715	Region10	715	EC	1	OTC	RHP40	M	17	0	4	7	N
R10-0026	Region10	715	Region10	715	EC	1	OTC	RHP40	M	17	0	4	7	N
R10-0429	Region10	715	Region10	715	EC	0	OTC	RHP40	M	17	0	4	7	Y
R10-0386	Region10	715	Region10	715	EC	0	OTC	RHP40	M	17	0	1	1	Y
R10-0069	Region10	715	Region10	715	EC	0	OTC	RHP40	M	17	0	4	7	Y
R10-0003	Region10	715	Region10	715	EC	1	OTC	RHP40	M	17	0	4	1	N
R10-0289	Region10	715	Region10	715	EC	0	OTC	RHP40	M	17	0	1	1	Y
R10-0385	Region10	715	Region10	715	EC	0	OTC	RHP40	M	17	0	4	1	Y
R10-0766	Region10	715	Region10	715	EC	1	OTC	RHP40	M	17	0	1	5	N
R10-0339	Region10	715	Region10	715	EC	0	OTC	RHP40	M	17	0	4	7	Y
R10-0329	Region10	715	Region10	715	I2		OTC	RHP40	M	17	0		6	
R10-0836	Region10	715	Region10	715	EC	1	OTC	RHP40	M	17	0	1	1	N
R10-0175	Region10	715	Region10	715	EC	0	OTC	RHP40	M	17	0	1	5	Y
R10-0411	Region10	715	Region10	715	EC	0	OTC	RHP40	M	17	0	4	1	Y

R10-0037	Region10	715	Region10	715	EC	0	OTC	RHP40	M	17	0	1	1	Y
R10-0455	Region10	715	Region10	715	EC	0	OTC	RHP40	M	17	0	1	5	Y
R10-0854	Region10	715	Region10	715	EC	0	OTC	RHP40	M	17	0	4	2	Y
R10-0801	Region10	715	Region10	715	EC	0	OTC	RHP40	M	17	0	1	1	Y
R10-0148	Region10	715	Region10	715	EC	1	OTC	RHP40	M	17	0	4	7	N
R10-0097	Region10	715	Region10	715	I5		OTC	RHP40	M	17	0		1	
R10-0019	Region10	715	Region10	715	EC	0	OTC	RHP40	M	17	0	1	7	N
R10-0244	Region10	715	Region10	715	EC	0	OTC	RHP40	M	17	0	4	5	Y
R10-0100	Region10	715	Region10	715	EC	0	OTC	RHP40	M	17	0	4	7	Y
R10-0061	Region10	715	Region10	715	EC	0	OTC	RHP40	M	17	0	4	6	Y
R10-0551	Region10	715	Region10	715	EC	0	OTC	RHP32	F	20	0	1	1	Y

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

STATE: MI
FFY: 2023

Frequency Distribution and Buy Rate

Product Type	Attempted Buys	Successful Buys	Violation Rate (%)
Cigarettes	378	51	13.5%
Small cigars/Cigarillos	43	5	11.6%
Smokeless tobacco	10	2	20.0%
ENDS	156	37	23.7%
Other	1	1	100.0%
Missing	0	0	0.0%
Invalid	0	0	0.0%
Grand Total	588	96	16.3%

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

STATE: MI
FFY: 2023

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%	2.0%	9.4%	28.3%	0.0%	28.6%	14.4%
Small cigars/Cigarillos	0.0%	0.0%	0.0%	0.0%	15.4%	0.0%	100.0%	20.0%
Smokeless tobacco	0.0%	0.0%	0.0%	0.0%	16.7%	0.0%	0.0%	14.3%
ENDS	0.0%	0.0%	0.0%	22.0%	36.8%	0.0%	47.4%	28.4%
Other	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%
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%	1.6%	14.6%	28.3%	0.0%	42.9%	19.3%

Female								
Product Type	Age							Total
	14	15	16	17	18	19	20	
Cigarettes	0.0%	0.0%	13.0%	9.5%	21.4%	6.7%	16.7%	12.7%
Small cigars/Cigarillos	0.0%	0.0%	0.0%	0.0%	0.0%	11.1%	0.0%	4.3%
Smokeless tobacco	0.0%	0.0%	0.0%	33.3%	0.0%	0.0%	0.0%	33.3%
ENDS	0.0%	0.0%	29.4%	16.1%	7.1%	0.0%	16.7%	17.6%
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%	15.1%	11.8%	16.7%	8.3%	13.8%	13.4%

All								
Product Type	Age							Total
	14	15	16	17	18	19	20	
Cigarettes	0.0%	0.0%	8.4%	9.4%	25.9%	5.3%	21.9%	13.5%
Small cigars/Cigarillos	0.0%	0.0%	0.0%	0.0%	15.4%	11.1%	28.6%	11.6%
Smokeless tobacco	0.0%	0.0%	0.0%	25.0%	16.7%	0.0%	0.0%	20.0%
ENDS	0.0%	0.0%	19.2%	19.4%	24.2%	0.0%	40.0%	23.7%
Other	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%
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%	9.6%	13.1%	24.6%	7.1%	29.7%	16.3%

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

STATE: MI
FFY: 2023

Frequency Distribution and Buy Rate

Retail Outlet	Attempted Buys	Successful Buys	Violation Rate (%)
Gas Station	246	45	18.3%
Tobacco Store	16	4	25.0%
Restaurant	0	0	0.0%
Hotel	0	0	0.0%
Grocery Store	70	9	12.9%
Drug Store	43	5	11.6%
Other	213	33	15.5%
Missing	0	0	0.0%
Invalid	0	0	0.0%
Grand Total	588	96	16.3%

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

STATE: MI
FFY: 2023

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%	3.3%	12.5%	28.6%	0.0%	62.5%	21.7%
Tobacco Store	0.0%	0.0%	0.0%	33.3%	0.0%	0.0%	25.0%	25.0%
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%	15.4%	25.0%	0.0%	0.0%	12.1%
Drug Store	0.0%	0.0%	0.0%	14.3%	0.0%	0.0%	25.0%	10.0%
Other	0.0%	0.0%	0.0%	15.2%	32.4%	0.0%	33.3%	20.0%
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%	1.6%	14.6%	28.3%	0.0%	42.9%	19.3%

Female								
Retail Outlet	Age							Total
	14	15	16	17	18	19	20	
Gas Station	0.0%	0.0%	18.4%	7.7%	15.8%	22.2%	16.7%	14.5%
Tobacco Store	0.0%	0.0%	0.0%	33.3%	0.0%	0.0%	50.0%	25.0%
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%	25.0%	11.1%	0.0%	0.0%	25.0%	13.5%
Drug Store	0.0%	0.0%	10.0%	22.2%	0.0%	0.0%	0.0%	13.0%
Other	0.0%	0.0%	11.8%	12.2%	23.5%	0.0%	0.0%	11.5%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total Female	0.0%	0.0%	15.1%	11.8%	16.7%	8.3%	13.8%	13.4%

All								
Retail Outlet	Age							Total
	14	15	16	17	18	19	20	
Gas Station	0.0%	0.0%	11.8%	10.1%	24.6%	20.0%	42.9%	18.3%
Tobacco Store	0.0%	0.0%	0.0%	33.3%	0.0%	0.0%	33.3%	25.0%
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%	12.5%	12.9%	18.2%	0.0%	16.7%	12.9%
Drug Store	0.0%	0.0%	7.1%	18.8%	0.0%	0.0%	20.0%	11.6%
Other	0.0%	0.0%	7.4%	13.5%	29.6%	0.0%	15.8%	15.5%
Missing	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Invalid	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Grand Total	0.0%	0.0%	9.6%	13.1%	24.6%	7.1%	29.7%	16.3%

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

STATE: MI
FFY: 2023

Frequency Distribution and Buy Rate

Clerk Asked for ID	Attempted Buys	Successful Buys	Violation Rate (%)
Yes	506	33	6.5%
No	82	63	76.8%
Missing	0	0	0.0%
Invalid	0	0	0.0%
Grand Total	588	96	16.3%

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

STATE: MI
FFY: 2023

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%	0.0%	3.6%	6.3%	0.0%	16.7%	4.7%
No	0.0%	0.0%	16.7%	91.7%	75.9%	0.0%	100.0%	77.6%
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%	1.6%	14.6%	28.3%	0.0%	42.9%	19.3%

Female								
Clerk Asked for ID	Age							Total
	14	15	16	17	18	19	20	
Yes	0.0%	0.0%	8.3%	5.1%	12.5%	4.3%	13.8%	8.0%
No	0.0%	0.0%	77.8%	66.7%	100.0%	100.0%	0.0%	75.0%
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%	15.1%	11.8%	16.7%	8.3%	13.8%	13.4%

All								
Clerk Asked for ID	Age							Total
	14	15	16	17	18	19	20	
Yes	0.0%	0.0%	5.0%	4.4%	8.7%	3.7%	15.1%	6.5%
No	0.0%	0.0%	53.3%	79.2%	77.4%	100.0%	100.0%	76.8%
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%
Grand Total	0.0%	0.0%	9.6%	13.1%	24.6%	7.1%	29.7%	16.3%

Federal Fiscal Year 2023 (FFY 2023) SYNAR Coverage Study Information By Stratum

Strata	Number of Counties	2020 Population	Target Number of Outlets per Stratum	Number of Outlets Identified	Number of Matched Outlets	Percentage	Random Selection of County Per Stratum	City/village In which the Coverage Study is to be Conducted	PIHP to Conduct Coverage Study Activity
Counties: Less than 20,000 residents	19	207,334	4	4	4	100	Mackinac	St. Ignace	NorthCare
Counties: 20,000 – 29,999 residents	16	397,045	8	8	7	88	Gladwin	Gladwin	MSHN
Counties: 30,000 – 39,999 residents	7	236,205	5	5	5	100	Clare	Clare	MSHN
Counties: 40,000 – 69,999 residents	15	821,254	17	17	16	94	Gratiot	Alma, Ithaca	MSHN
Counties: 70,000 – 199,999 residents	17	2,158,637	43	43	37	86	Jackson	Jackson	MSHN
Counties: 200,000 – 499,999 residents	5	1,622,499	33	33	27	82	Genesee	Fenton, Grand Blanc	Region 10
Counties: 500,000 – 999,999 residents	2	1,529,499	30	30	22	73	Macomb	Clinton Twp	Macomb
Counties: 1,000,000 – 1,499,999 residents	1	1,253,459	25	25	16	64	Oakland	Pontiac	Oakland
Counties: 1,500,000 or more residents	1	1,740,623	35	35	22	63	Wayne	Dearborn	DWIHN
Total	83	9,966,555	200	200	156	78			

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