

Report on the 2016 Healthy Michigan Voices Enrollee Survey

January 17, 2018

University of Michigan
Institute for Healthcare Policy & Innovation

Report Authors: Susan Dorr Goold, Jeffrey Kullgren

Healthy Michigan Voices Evaluation Team: John Ayanian, Erin Beathard, Corey Bryant, Tammy Chang, Sarah Clark, Susan Dorr Goold, Adrienne Haggins, Edith Kieffer, Matthias Kirch, Jeffrey Kullgren, Sunghee Lee, Brian Madden, Rory Menzer, Minal Patel, Ann-Marie Rosland, Zachary Rowe, Erin Sears, Jennifer Skillicorn, Erica Solway, Lisa Szymecko, Renuka Tipirneni, Thomas Voorheis



INSTITUTE FOR
HEALTHCARE POLICY & INNOVATION
UNIVERSITY OF MICHIGAN

Table of Contents

- Executive Summary 3
 - Methods..... 3
 - Results 4
 - Conclusions..... 9
- Introduction 11
- Methods 11
 - Sampling plan..... 12
 - Survey design 13
 - Survey response characteristics..... 14
 - Weighting adjustment..... 17
 - Analyses 21
- Results 22
 - Demographic characteristics of respondents 22
 - Aim 1: Describe Healthy Michigan Plan enrollees’ consumer behaviors and health insurance literacy, including knowledge and understanding about the Healthy Michigan Plan, their health plan, benefit coverage, and cost-sharing aspects of their plan 27
 - Aim 2: Describe Healthy Michigan Plan enrollees’ self-reported changes in health status, health behaviors (including medication use), and facilitators and barriers to healthy behaviors (e.g. knowledge about health and health risks, engaged participation in care), and strategies that facilitate or challenge improvements in health behaviors 33
 - Aim 3: Understand enrollee decisions about when, where and how to seek care, including decisions about emergency department utilization..... 38
 - Subgroup Analysis – Low outpatient care utilizers..... 39
 - Subgroup Analysis – High ER utilizers 41
 - Subgroup Analysis – Enrollees with complex chronic conditions 44
 - Subgroup Analysis – Enrollees with mental and behavioral health conditions or substance use disorders..... 48
 - Individual and Community Factors Analysis..... 51
- Limitations 53
- Lessons Learned 53
- Conclusions..... 54
- Appendix A: Tables for Special Terms and Conditions Aims 1-3 and Subgroup Analyses.....A1
- Appendix B: Tables for Individual and Community Factors Analyses.....B1
- Appendix C: Subgroup and Community Factors Definitions.....C1
- Appendix D: Respondent/Non-respondent Flowchart.....D1
- Appendix E: 2016 HMO Enrollee Survey Instrument.....E1

Executive Summary

The University of Michigan Institute for Healthcare Policy & Innovation (IHPI) is conducting the evaluation of the Healthy Michigan Plan (HMP) as required by the Centers for Medicare & Medicaid Services (CMS) through a contract with the Michigan Department of Health and Human Services (MDHHS). Domain IV of the evaluation includes a series of surveys called *Healthy Michigan Voices*. This report presents findings from the 2016 *Healthy Michigan Voices* survey of individuals who were currently enrolled in HMP and who had at least 12 months total HMP enrollment, conducted during January-November 2016.

Methods

Sampling for the *Healthy Michigan Voices* enrollee survey was performed monthly, from January to October 2016. At time of sample selection, enrollees had to meet the following inclusion criteria:

- At least 12 months total HMP enrollment in fee for service (FFS) or managed care (MC)
- HMP enrollment (FFS or MC) in 10 of past 12 months
- Have HMP-MC enrollment in 9 of past 12 months
- HMP-MC in the month sampled
- Age between 19 years and 64 years 8 months
- Complete address, phone number, and federal poverty level (FPL) fields in the Data Warehouse
- Michigan address
- Preferred language of English, Arabic, or Spanish

Eligibility was determined independently for each month's sample, regardless of eligibility in prior months. Enrollees could be selected only once. Data extraction was performed via a secure Virtual Private Network (VPN) connection by a data analyst with specific approval from MDHHS for this purpose, using existing protocols that require two layers of password protection.

The sampling plan was based on four grouped prosperity regions in the state (Upper Peninsula/North West/North East; West/East Central/East; South Central/South West/South East; Detroit) and three FPL categories (0-35%; 36-99%; ≥100%). In total, 4,090 HMP enrollees had complete survey data. The weighted response rate for the 2016 *Healthy Michigan Voices* enrollee survey was 53.7%.

Many items on the survey were drawn from established surveys. Additional items specific to HMP (e.g., items about Health Risk Assessments, understanding of HMP) were developed based on findings from 67 semi-structured interviews with HMP enrollees conducted by the evaluation team between April and August 2015. New items underwent cognitive testing and pre-testing for timing and flow before being included in the survey instrument. Responses were recorded in a computer-assisted telephone interviewing (CATI) system.

The evaluation team generated descriptive statistics for responses to all questions, with weights calculated and applied to adjust for the probability of selection, nonresponse bias, and other factors. Statistical analyses of bivariate and multivariate relationships were also performed.

Results

Demographics

- Just over half (51.6%) of survey respondents were women, and three-quarters between 19 and 50 years old.
- 61.2% self-identified as white, 26.1% Black or African-American, 8.8% other and 4.0% more than one race.
- 5.2% identified as Hispanic/Latino and 6.2% Arab/Chaldean/Middle Eastern.
- At the time of the survey, 48.8% of respondents reported they were employed or self-employed, 27.6% were out of work, 11.3% were unable to work, and 2.5% were retired.
- 16.7% reported sometimes, often or always needing to have someone help them read instructions, pamphlets, or other written materials from a doctor, pharmacy, or health plan.
- 57.9% did not have insurance at any time in the year before enrolling in HMP. Of those who had insurance at any time in the year before enrolling, 50.8% had Medicaid or another state program, and 26.2% had insurance through a job or union.

Aim 1: Describe Healthy Michigan Plan enrollees' consumer behaviors and health insurance literacy, including knowledge and understanding about the Healthy Michigan Plan, their health plan, benefit coverage, and cost-sharing aspects of their plan

Knowledge and understanding of HMP coverage

- The majority of respondents knew that HMP covers routine dental visits (77.2%), eyeglasses (60.4%), and counseling for mental or emotional problems (56.0%). Just over one-fifth (21.2%) knew that HMP covers both brand name and generic medications.

Knowledge and understanding of HMP cost-sharing requirements and healthy behavior rewards

- 40.0% of respondents with an income of 100-133% FPL were aware that contributions are charged monthly regardless of health care use. Just 14.4% of all respondents were aware that they could not be disenrolled from HMP for failure to pay their bill. 75.6% of respondents were aware that some kinds of visits, tests, and medicines have no copays.
- Over one-quarter (28.1%) were aware that they could get a reduction in the amount they have to pay if they complete an HRA.

Perspectives on cost-sharing

- 87.6% strongly agreed or agreed that the amount they pay overall for HMP seems fair.
- 88.8% strongly agreed or agreed that the amount they pay for HMP is affordable.

MI Health Account statement

- 68.2% said they received a MI Health Account statement.

Challenges using HMP coverage

- Few (15.5%) respondents reported that they had questions or problems using their HMP coverage. Among those who did, about half (47.7%) reported getting help or advice, and most (74.2%) of those said that they got an answer or solution.

Forgone care prior to and with HMP

- In the 12 months before HMP enrollment, 33.0% of enrollees reported not getting care they needed; 77.5% attributed this to concern about the cost. In the past 12 months of HMP enrollment, 15.6% reported forgone care; 25.4% attributed that to concern about the cost.
- 83.3% strongly agreed or agreed that without HMP they would not be able to go to a doctor.

Accessing primary care

- Among those who had seen their PCP in the past 12 months of HMP enrollment, 83.9% said it was very easy or easy to get an appointment with their PCP.

Changes in access to care

- Compared to their access before enrolling in HMP, the majority of respondents reported equal or better access to primary care (93.7%), prescription medications (85.2%), help with staying healthy or preventing health problems (84.5%), dental care (75.4%), specialty care (67.0%), and mental health care (50.8%).

Checking cost-sharing before seeking care

- 71.6% reported being somewhat or very likely to find out how much they might have to pay for a health service before going to get the service.

Checking MI Health Account balance before seeking care

- Among respondents who reported receiving a MI Health Account statement, 88.3% strongly agreed or agreed they carefully review each statement to see how much they owe. 88.4% strongly agreed or agreed the MI Health Account statement helps them be more aware of the cost of health care.

Impact of HMP on employment, education and ability to work

- Among employed respondents, over two-thirds (69.4%) reported that getting HMP insurance helped them to do a better job at work.
- Among respondents who were out of work, 54.5% strongly agreed or agreed that HMP made them better able to look for a job.
- Among employed/self-employed respondents who had changed jobs in the past 12 months, 36.9% strongly agreed or agreed that having HMP insurance helped them get a better job.

Out-of-pocket healthcare spending prior to and with HMP

- 44.7% said they had problems paying medical bills in the year before HMP. Of those, 67.1% said they or their family was contacted by a collections agency.

- 85.9% of those who reported problems paying medical bills in the 12 months prior to HMP enrollment said that their problems paying medical bills got better since enrolling in HMP.

Aim 2: Describe Healthy Michigan Plan enrollees’ self-reported changes in health status, health behaviors (including medication use), and facilitators and barriers to healthy behaviors (e.g. knowledge about health and health risks, engaged participation in care), and strategies that facilitate or challenge improvements in health behaviors

Current health status and change in health status since enrolling in HMP

- 29.7% reported fair or poor health status.
- 47.8% felt their physical health had improved.
- 38.2% said their mental and emotional health had improved.
- 39.5% said their dental health had improved.

Chronic health conditions

- 69.2% reported having a chronic health condition, with 60.8% reporting at least one physical health condition and 32.1% reporting at least one mental health condition.
- 30.1% of all respondents reported that a chronic health condition was newly diagnosed since they enrolled in HMP.
- 18.2% reported that their poor physical or mental health kept them from activity for 14 or more days in the last month.

Health behaviors and health education

- 37.7% of enrollees reported smoking or using tobacco in the last 30 days, of which 75.2% said they wanted to quit. Of these, 90.7% were working on quitting or cutting back.

Regular source of care prior to and with HMP

- In the 12 months before enrolling in HMP, 73.8% had a usual place they would go for health care. Of those, 16.8% said that place was an urgent care center and 16.2% reported the emergency room (ER), while 65.1% reported a doctor’s office or clinic.
- In the past 12 months of HMP enrollment, 92.2% reported having a usual place they would go for health care. Of those, 5.8% said that place was an urgent care center and 1.7% reported the emergency room, while 91.7% reported a doctor’s office or clinic.

Primary care utilization prior to and with HMP

- 20.6% had not had a primary care visit in more than five years before enrolling in HMP.
- 85.2% of those who reported having a PCP had a visit with their PCP in the past 12 months of HMP enrollment.

Health risk assessment (HRA)

- 49.3% self-reported completing an HRA. This is comparable to the proportion of HMP enrollees who have an HRA record in the MDHHS Data Warehouse (which reflects completion of any component), but higher than the proportion who have a HRA attestation (which reflects submission of the completed HRA form and physician attestation).

- 45.9% of those who said they completed an HRA did so because a primary care provider (PCP) suggested it; 33% did so because they received the form in the mail; 12.6% completed it over the phone at time of enrollment.
- Only 0.1% said they completed the HRA to save money on copays and contributions.
- Most of those who reported completing the HRA felt it was valuable for improving their health (83.7%) and was helpful for their PCP to understand their health needs (89.7%). 80.7% of those who said they completed an HRA chose to work on a health behavior.

Aim 3: Understand enrollee decisions about when, where and how to seek care, including decisions about emergency department utilization

Emergency room use with HMP

- 28.0% of those who visited the ER in the past year said they called their usual provider's office first, of which three-quarters (75.7%) were advised to go to the ER by their provider.
- Of those who visited the ER in the past year who did not call their usual provider first, 75.1% said the ER was the closest place to receive care, which did not differ by region. 64.3% said it was too serious for the doctor's office, 63.6% said that their doctor's office was closed, 26.1% said they could not miss work or school, 20.3% arrived by ambulance and 19.4% said they get most of their care at the ER.
- 64.0% of all respondents said they were more likely to contact their usual doctor's office before going to the ER than before they had HMP.

Subgroup Analysis - Low outpatient care utilizers

- Low outpatient care utilizers were defined as respondents without any outpatient visits in the preceding 12 months (15.2% of all respondents) (see Appendix C).
- Low outpatient care utilizers reported less frequently needing care than other respondents when their regular provider's office was closed (10.0% vs. 24.1%). However, they were more likely to say they didn't try to contact their provider's office because they were unsure how to contact the provider (8.8% vs. 0.5%).
- Among those who didn't get the medical or dental care they needed in the 12 months since enrolling in HMP, low outpatient care utilizers were more likely to report that they didn't get the care they needed because they did not have health insurance (18.4% vs. 6.9%) or because they did not have a doctor or could not find a doctor (11.3% vs. 3.1%).
- Among those who didn't get needed care due to cost concerns, low outpatient care utilizers were more likely than other respondents to report they went without a checkup (33.9% vs. 9.8%).
- Among those who reported that they had not seen a PCP in the past 12 months, low outpatient care utilizers were more likely to report they didn't see a PCP because they were healthy or didn't need to see a doctor (71.0% vs. 56.4%).

Subgroup Analysis - High ER utilizers

- High ER utilizers were defined as those with 5 or more ER visits in the preceding 12 months (4.4% of all respondents) (see Appendix C).

- Among those who needed help or advice when their usual clinic or doctor's office was closed, high ER utilizers were more likely than other respondents to report trying to contact their provider's office after they were closed to get help or advice (64.7% vs. 45.3%).
- Among those who didn't get the medical or dental care they needed in the 12 months since enrolling in HMP, high ER utilizers were more than twice as likely to report that they didn't get the care they needed because the doctor or hospital would not accept their health insurance (53.0% vs. 22.4%).

Subgroup Analysis - Enrollees with complex chronic conditions

- This subgroup includes respondents with one or more chronic conditions as defined by HEDIS criteria using claims data (25.1% of all respondents) (see Appendix C).
- Enrollees with chronic conditions were more likely to report getting flu shots, not drinking sugary drinks, exercising every day, and no unhealthy alcohol use.
- However, enrollees with chronic conditions were more likely to report tobacco use and more likely to report not exercising.
- Enrollees with chronic conditions were more likely to report choosing a healthy behavior on the HRA (87.6% vs. 78.3%), and more likely to report getting help with or counseling about health behaviors (71.8% vs. 57.2%).
- Enrollees with chronic conditions reported nearly twice as many days, on average, of limited functioning compared to those without chronic conditions.
- Enrollees with chronic conditions were more likely to report going to a hospital emergency room for care in the past 12 months (48.3% vs. 34.0%). Among respondents who did not try to contact their provider before going to the ER, those with a chronic disease were less likely to report that they get most of their care at the ER (13.8% vs. 22.1%), and more likely to report that they felt the problem was too serious for a doctor's office or clinic (71.3% vs. 60.9%).
- Those with a chronic condition were more knowledgeable about HMP coverage.

Subgroup Analysis - Enrollees with mental and behavioral health conditions and substance use disorders

- This subgroup includes respondents with a mental and behavioral health condition or substance use disorder as defined by HEDIS criteria (48.3% of all respondents) (see Appendix C).
- Survey respondents with a mental and behavioral health condition or substance use disorder were more likely than other respondents to report a PCP visit in the past 12 months (91.6% vs. 79.0%), and more likely to report going to a hospital emergency room for care in the past 12 months (49.2% vs. 26.8%).
- Among respondents who tried to contact their provider before going to the ER, those with a mental and behavioral health condition or substance use disorder were more likely to report that they ended up going to the ER because they could not get an appointment soon enough (10.1% vs. 4.3%).
- Among respondents who did not try to contact their provider before going to the ER, those with a mental and behavioral health condition or substance use disorder were more likely to report that they arrived at the ER by ambulance or other emergency

vehicle (25.1% vs. 12.4%), and that they felt the problem was too serious for a doctor's office or clinic (67.6% vs. 59.0%).

- Those with a mental and behavioral health condition or substance use disorder were more knowledgeable about HMP coverage than those without a mental and behavioral health condition or substance use disorder.

Individual and Community Factors Analysis

- Knowledge and understanding of HMP coverage varied by gender, health and race.
- Health behaviors varied by gender, income, health and community factors including poverty levels, proportion of residents receiving food stamps, unemployment and the presence of liquor stores. For example, men, respondents 19-35 years old, those who reported one or more poor mental health days and those living in zip codes in the top two tertiles of food stamp recipients reported greater frequency of drinking sugar-sweetened beverages.

Conclusions

More than half of respondents did not have insurance at any time in the year before enrolling in HMP and half of those who did have insurance were covered by Medicaid or another state program. HMP does not appear to be replacing employment-provided health insurance for most enrollees.

HMP has greatly improved access to care for most enrollees. More than one-third of respondents reported not getting the care they needed in the year before enrolling in HMP and most respondents reported that their ability to get care had improved since enrolling in HMP. Forgone care, usually due to cost, lessened considerably after HMP enrollment. Over half of respondents reported better access to primary care, help with staying healthy, and cancer screening. A majority of respondents strongly agreed or agreed that without HMP they would not be able to go to the doctor.

Similarly, HMP lessened financial burdens from health care, with most respondents reporting that their problems paying medical bills had gotten better since enrolling in HMP. Most respondents across all income groups agreed that the amount they pay overall for HMP seems fair and is affordable.

More than two-thirds of respondents recalled receiving a MI Health Account statement, which the vast majority felt helped them be more aware of the costs of their care. Further, most respondents reported being likely to engage in a range of cost-conscious behaviors such as talking with a doctor about the costs of a service, or checking how much they would have to pay for a service before receiving it.

There were some areas in which enrollee understanding of their coverage and cost-sharing requirements could improve. For example, many respondents were not aware that HMP covers dental visits, eyeglasses, counseling for mental health problems, and brand name prescription

drugs. Additionally, most respondents were not aware that they could not be disenrolled from HMP for failing to pay their bills.

The HMP emphasis on primary care appears to have shifted much care-seeking from acute care settings to primary care settings. The percentage of enrollees who had a place they usually went for health care increased with HMP to over 90%, and naming the emergency room as a regular source of care declined significantly after enrolling in HMP (from 16.2% to 1.7%). For unscheduled health needs, some HMP enrollees sought advice from their regular source of care prior to seeking care, the majority of whom were referred to the emergency room. Two-thirds said they were more likely since enrolling in HMP to call their usual provider before going to the emergency department.

About half of respondents reported completing an HRA, bearing in mind the limits to self-reported data. They rarely reported completing it because of incentives to reduce cost-sharing. Most HMP enrollees who completed the HRA believed it was beneficial and reported receiving help from their PCP or health plan on a healthy behavior. The HMP emphasis on health risk reduction, combined with its emphasis on primary care, appears to create opportunities for improving enrollees' long-term health.

HMP may influence enrollees' ability to obtain or maintain employment, as many HMP enrollees reported improved functioning, ability to work, and job seeking after obtaining health insurance through Medicaid expansion.

Many HMP enrollees reported improved access to dental care and improved oral health, although about one-quarter of enrollees were unaware that they had HMP dental coverage, and the most common type of care forgone due to cost was dental care. Increasing enrollee awareness of coverage for dental services has the potential to improve oral and overall health.

Chronic health conditions were common among HMP enrollees. Almost half of those with chronic conditions reported a condition had been newly diagnosed since enrolling in HMP. Those with chronic health conditions had, with some exceptions, reported better health behaviors than those without and reported receiving more help with improving their health risks.

Nearly all of those with chronic conditions or mental health or substance use disorders had a PCP visit in the previous year.

Despite the relatively short duration of their enrollment in HMP at the time of the survey, nearly half of respondents said their physical health had gotten better and about 40% said their emotional and mental health and oral health had gotten better since enrolling. These improvements underscore the impact of HMP on enrollees' health and well-being in addition to its effects on their ability to access needed care.

Introduction

The University of Michigan Institute for Healthcare Policy & Innovation (IHPI) is conducting the evaluation of the Healthy Michigan Plan (HMP) as required by the Centers for Medicare & Medicaid Services (CMS) through a contract with the Michigan Department of Health and Human Services (MDHHS). Domain IV of the evaluation includes a series of surveys called *Healthy Michigan Voices*. This report presents findings from the 2016 *Healthy Michigan Voices* survey of individuals who were currently enrolled in HMP and who had at least 12 months total HMP enrollment. From January to November 2016, 4,090 individuals completed the *Healthy Michigan Voices* survey of enrollees. This is an update to the interim report submitted to CMS in September 2016. Results from the 2016 *Healthy Michigan Voices* survey of individuals who have disenrolled are included in the report titled 2016 *Healthy Michigan Voices: Survey of Individuals No Longer Enrolled in the Healthy Michigan Plan*. *Healthy Michigan Voices* follow-up surveys are planned for 2017 and 2018.

Methods

Sampling for the *Healthy Michigan Voices* survey was performed monthly, From January to October 2016. At the time of sample selection, enrollees had to meet the following inclusion criteria:

- At least 12 months total HMP enrollment in fee for service (FFS) or managed care (MC)
- HMP enrollment (FFS or MC) in 10 of past 12 months
- Have HMP-MC enrollment in 9 of past 12 months
- HMP-MC in the month sampled
- Age between 19 years and 64 years 8 months
- Complete address, phone number, and federal poverty level (FPL) fields in the Data Warehouse
- Michigan address
- Preferred language of English, Arabic, or Spanish

Eligibility was determined independently for each month's sample, regardless of eligibility in prior months. Enrollees could be selected only once. Data extraction was performed via a secure Virtual Private Network (VPN) connection by a data analyst with specific approval from MDHHS for this purpose, using existing protocols that require two layers of password protection. Each month's sample was drawn to reflect the target sampling plan, proportional to the overall population of Healthy Michigan Plan enrollees. The sampling plan was based on a combination of four grouped prosperity regions in the state (Upper Peninsula/North West/North East; West/East Central/East; South Central/South West/South East; Detroit) and three FPL categories (0-35%; 36-99%; $\geq 100\%$), resulting in 12 strata. To ensure adequate statistical power, small strata were oversampled. The table below shows the target proportion of each stratum in our monthly sample.

Sampling plan

	Prosperity Region				
	UP/NW/NE	W/EC/E	SC/SW/SE	DET	Total
Federal Poverty Level					
0-35%	7.0%	12.0%	8.0%	12.8%	39.9%
36-99%	6.0%	10.5%	7.0%	11.2%	34.8%
≥100%	4.9%	7.5%	5.0%	8.0%	25.5%
Total	17.9%	30.0%	20.0%	32.0%	100.0%

The 4,090 respondents with complete survey data closely mirror the sampling plan:

Characteristics of the 4,090 HMV Survey Respondents

	Prosperity Region				
	UP/NW/NE	W/EC/E	SC/SW/SE	DET	Total
Federal Poverty Level					
0-35%	288	503	323	486	1,600
	7.0%	12.3%	7.9%	11.9%	39.1%
36-99%	246	467	309	428	1,450
	6.0%	11.4%	7.6%	10.5%	35.5%
≥100%	212	295	205	328	1,040
	5.2%	7.2%	5.0%	8.0%	25.4%
Total N complete	746	1,265	837	1,242	4,090
Total % complete	18.2%	30.9%	20.5%	30.4%	100.00%

HMP enrollees selected for the HMV enrollee survey sample were mailed an introductory packet that contained a letter explaining the project, a brochure about the project, and a postage-paid postcard that could be used to indicate a preferred time/day for interview or refusal to participate. The letter provided a toll-free number and email address for enrollees who wished to indicate a preferred time/day for interview or refusal to participate. For all sampled enrollees who did not refuse by one of those methods, *Healthy Michigan Voices* interviewers placed phone calls to sampled enrollees between the hours of 9 am and 9 pm. Surveys were conducted in English, Arabic and Spanish; enrollees who could not speak one of those languages were excluded from participation.

At the outset of the survey, enrollees were informed that their individual responses would be kept confidential; only aggregate data would be reported to the state. They were informed that completing the survey was voluntary and that they could skip questions if they wished. Those who completed the survey were mailed a \$25 gift card to compensate them for their time spent answering the survey questions. The median duration of time it took to complete the survey was 22 minutes, though survey completion ranged in duration from 12 to 96 minutes.

Survey design

The survey included established measures of demographics, health, access, insurance status and acute care decision making drawn from national surveys, including the National Health and Nutrition Exam Survey (NHANES)¹, the Health Tracking Household Survey (HTHS)², the National Health Interview Survey (NHIS)³, the Behavioral Risk Factor Surveillance System (BRFSS⁴, and MiBRFSS⁵), the Short Form Health Survey (SF-12)⁶, the Food Attitudes and Behaviors Survey⁷, the Consumer Assessment of Healthcare Providers and Systems (CAHPS)⁸, the Employee Benefit Research Institute Consumer Engagement in Healthcare Survey (CEHCS)⁹, the Commonwealth Fund Health Care Quality Survey¹⁰, and the U.S. Census. Items and scales for which established measures were not available, or which were specific to HMP (e.g., items about Health Risk Assessments, understanding of HMP), were developed based on findings from 67 semi-structured interviews with HMP beneficiaries from five target geographic regions across the state of Michigan (Detroit, Kent County, Midland/Bay/Saginaw Counties, Alcona/Alpena/Oscoda Counties, and Marquette/Baraga/Iron Counties) conducted by the evaluation team between April and August 2015. New items underwent cognitive testing, and pre-testing for timing and clarity. Responses were recorded in a computer-assisted telephone interviewing (CATI) system programmed with the HMP survey.

Some elements of the evaluation design were modified as a result of the inability to identify existing measures or to develop new measures based on insights gathered from the literature and from interviews conducted by the evaluation team. At the time the survey was designed and fielded, we were unable to identify any survey items or scales in the literature to measure knowledge and understanding of value-based insurance design. Interviews with enrollees enabled us to create a single item asking about their knowledge that some services might have no copayment, but other comments/statements about value-based insurance design did not surface in those interviews. In regard to medical self-management behaviors, we did not measure medication adherence and monitoring directly, as self-reported adherence to medications and other medical recommendations tends to be unreliable. Instead, we asked respondents what health behavior they chose to work on after they went through the HRA, including options of taking medication regularly and monitoring their blood pressure or blood sugar. We did not measure contact with community health workers and other community resources because we found, in interviews, great difficulty in getting enrollees to clearly identify the roles of those individuals helping them (e.g., community health workers, navigators, case workers, social workers). We did not measure budgeting for health care expenses because, at the time the survey was designed and fielded, we were unable to identify any survey items or

¹ [NHANES \(National Health and Nutrition Exam Survey, CDC\)](#)

² [HTHS \(Health Tracking Household Survey\)](#)

³ [NHIS \(National Health Interview Survey, CDC\)](#)

⁴ [BRFSS \(Behavioral Risk Factor Surveillance System, CDC\)](#)

⁵ [MiBRFSS \(Michigan Behavioral Risk Factor Surveillance System, MDHHS\)](#)

⁶ [SF-12 \(Short Form Health Survey, RAND\)](#)

⁷ [FAB \(Food Attitudes and Behaviors Survey, NCI\)](#)

⁸ [CAHPS \(Consumer Assessment of Healthcare Providers and Systems\)](#)

⁹ [Consumer Engagement in Health Care Survey \(EBRI: CEHCS\)](#)

¹⁰ [Commonwealth Fund Health Care Quality Survey](#)

scales in the literature to measure engagement in this behavior. Furthermore, comments or statements about budgeting for health care expenses did not arise from interviews with enrollees. We did not measure reasons for health risk assessment non-completion directly, as responses to questions about non-completion would be vulnerable to social desirability bias. Instead, we examine individual characteristics and experiences associated with HRA completion.

Survey response characteristics

Overall, 9,350 Healthy Michigan Program enrollees were sampled throughout the data collection period. Seven cases with non-mailable addresses were excluded from the population; 100 cases were never mailed or called because data collection goals were achieved; 16 cases were never called because we did not have language-specific interviewers available. Thus, 123 of the original 9,350 were never contacted by phone.

Pre-notification letters were sent to the remaining 9,227 cases. Phone calls were made to enrollees who did not refuse. Some numbers did not work, hence, no contact was established; some numbers worked but no contact was ever established, not allowing us to ascertain eligibility; and other numbers worked and contact was established. We summarize the results briefly as follows:

Table 1. Call results to sampled individuals

Description	n	Call Result
Total sample	9,350	
Nonmailable (e.g., bad address)	7	n/a
Not mailed or called - response goals achieved	100	n/a
Not called	16	n/a
Total sample contact attempted	9,227	
Contact never established		
1) Phone number not working	885	Nonworking number
2) Working but no contact made (e.g., left voicemail but never spoke with a person)	1,360	Unknown eligibility (UN)
Contact established		
3) Enrollee verified not at that number	583	Ineligible
4) Out of state	30	Ineligible
5) Deceased	3	Ineligible
6) Non-HMV language	36	Ineligible
7) Jail/Treatment facility	2	Ineligible
8) Refusal (by mail/phone)	945	Refusal (R)
9) Noncontact with enrollee (Spoke with person other than enrollee); Other nonresponse (Spoke with enrollee who did not complete the survey for reasons other than clear refusal)	1,247	Noncontact (NC), Other (O)
10) Full completion	4,108	Interview (I)
11) Partial completion	28	Partial Interview (P)

It should be noted that, at the time of response rate calculation, 4,108 cases were considered as full completion. However, after weights were computed, 18 cases that were originally considered full completion were re-designated as partial completion because they had more than 20% of items missing for analytic purposes. All analyses were based on a sample of 4,090 which excludes these 18 cases. The effect of this exclusion on weighted analyses is negligible.

There are many ways to calculate response rates as outlined by the American Association for Public Opinion Research (AAPOR, 2016¹¹). Response rate formula 3 defined below is one of the common formulas used, particularly for telephone surveys.

$$RR3 = \frac{I}{(I + P) + (R + NC + O) + e \times UN}$$

where e is an estimate eligibility rate for the cases for which we cannot ascertain eligibility and the rest are noted as “UN” in Table 1. One way to estimate e is to use our call results among those we established contacts. Categories 3) through 7) in Table 1 are deemed ineligible, making 8) through 11) eligible among all contacted. Hence,

$$e = \frac{945 + 1247 + 4108 + 28}{9227 - (885 + 1360)} = 90.6(\%)$$

This means that the observed eligibility rate was 90.6% among the cases where we were able to ascertain eligibility. By applying e as estimated above, we obtain the following response rate:

$$RR3 = \frac{4108}{(4108 + 28) + (945 + 1247) + .906 \times 1360} = 54.1(\%)$$

The weighted response rate was calculated to ascertain the response rate that is not subject to the sample design. We used the selection weight (w_1 described shortly) to the RR3 formula and used weights applicable for known eligibility cases (w_3 described shortly) to e , the estimated eligibility rate. The results are as follows:

$$\begin{aligned} \text{weighted } e &= 89.9(\%) \\ \text{Weighted } RR3 &= 53.7(\%) \end{aligned}$$

Thus, the weighted response rate for the 2016 *Healthy Michigan Voices* enrollee survey was 53.7%.

In order to assess potential nonresponse bias, respondents (result code, “I”, in Table 1) are compared to those who refused (“R”), were not contacted (“NC”), did not complete for other reasons (“O”) or completed partially (“P”) in Table 2 on age, gender, race/ethnicity, first month on HMP, income level and prosperity region from the Data Warehouse claims data. Technically speaking, nonrespondents include all eligible cases that did not participate (“R”, “NC”, “O” and

¹¹ The American Association for Public Opinion Research. 2016. Standard Definitions: Final Dispositions of Case Codes and Outcome Rates for Surveys. 9th edition. AAPOR. Access from http://www.aapor.org/AAPOR_Main/media/publications/Standard-Definitions20169theditionfinal.pdf

“P”) and a portion (“e”) of unknown eligibility cases (“UN”). However, it is not possible to tease out the portion of unknown eligibility cases, so we considered those who did not participate as a proxy for nonrespondents and compare them to respondents. Further, in order to compensate for differential selection probabilities, nonworking telephone rates and ineligibility rates, this comparison used estimates weighted by w_3 .

Overall, respondents and nonrespondents were not different with respect to income. However, nonrespondents were younger, more likely to be male, more likely to be non-Hispanic White or other race, more likely have enrolled in HMP less than 2 years prior to the sampled month, and more likely to be from the Detroit Metro area, compared to respondents.

Table 2. Comparison of characteristics of enrollee survey respondents and nonrespondents using frame data

Characteristics	Respondents N=4,107* (%)	Nonrespondents N=2,220 (%)	<i>p</i> value
Age			
19-34	33.8	41.7	<0.001
35-50	28.3	27.9	
51-64	37.9	30.4	
Gender			
Male	43.1	50.6	<0.001
Female	56.9	49.4	
Race/Ethnicity			
Hispanic	2.8	2.7	0.002
Non-Hispanic White	62.5	65.4	
Non-Hispanic Black	24.5	19.9	
Non-Hispanic Other	10.2	12.0	
First month on HMP			
Less than 2 years ago	54.4	61.0	<0.001
2 years or more ago	45.6	39.0	
Income (% FPL)			
0-35% FPL	49.5	50.0	0.681
36-99% FPL	29.7	30.2	
100-133% FPL	20.8	19.8	
Prosperity Region			
Northern Michigan	9.9	9.1	<0.001
Central Michigan	30.6	26.6	
Southern Michigan	18.8	17.0	
Detroit Metro	40.7	47.3	

*One case that completed the 2016 HMV Survey was over-written due to system issues. This case was considered as a respondent in the response rate calculation, but there was no data that could be used for analytic purposes.

Weighting adjustment

Weights were calculated to adjust for the probability of selection (see Base Selection Weight, below), nonresponse bias (see Nonresponse Adjustment) and other adjustments (Nonworking Number adjustment, Unknown Eligibility adjustment, Known Eligibility adjustment).

Base Selection Weight

An independent survey sample was drawn each month from January to October 2016 from the HMP enrollee population; once the eligible population was identified for that month, sampling was done using stratification which combines FPL and prosperity region.

Reflecting the sample design, the first step used an inverse of sampling probability and calculated selection weights for sample unit i in sampling month m in sampling stratum h as follows:

$$w_{1,hmi} = \frac{N_{hm}}{n_{hm}}$$

where N_{hm} is the population size and n_{hm} is the sample size.

We made adjustment for nonworking numbers, ineligible cases, unknown eligibility cases and nonresponse (noncontacts and refusal combined) separately as follows.

Nonworking Number Adjustment

Nonworking numbers were considered out of our target population and removed from the sample. We used the following adjustment factor, $f_{2,hmi}$, for this.

$$f_{2,hmi} = \begin{cases} 0, & \text{if } i \text{ was not a working number} \\ \frac{\sum_i w_{1,hmi}}{\sum_i I_{WR_i} \times w_{1,hmi}}, & \text{if } i \text{ was a working number} \end{cases}$$

where I_{WR_i} was a 1/0 indicator for working number status (1: working number, 0: nonworking number). Essentially, $f_{2,hmi}$ removed the nonworking numbers from the scope and weighted up working numbers proportionally within each sampling stratum and month. The resulting weight was:

$$w_{2,hmi} = f_{2,hmi} \times w_{1,hmi}$$

Unknown Eligibility Adjustment

Besides the nonworking numbers, there were working numbers with whom contact was not established. With these cases, HMPV eligibility could not be ascertained. Moreover, the eligibility rate may have differed systematically across strata and months. Thus, a new adjustment factor was applied to the weight from the previous stage:

$$f_{3,hmi} = \begin{cases} 0, & \text{if eligibility is unknown for } i \\ \frac{\sum_i w_{2,hmi}}{\sum_i I_{UE_i} \times w_{2,hmi}}, & \text{if eligibility is known for } i \end{cases}$$

where I_{UE}_i was a 1/0 indicator for unknown eligibility status (1: known eligibility; 0: unknown eligibility). The resulting weight was:

$$w_{3,hmi} = f_{3,hmi} \times w_{2,hmi}$$

Known Eligibility Adjustment

Among those who were contacted, some may not have been eligible for HMV for various reasons related to the eligibility criteria described previously. These cases fell outside of the target population and, hence, were removed through the following:

$$f_{4,hmi} = \begin{cases} 0, & \text{if } i \text{ is ineligible} \\ \frac{\sum_i w_{3,hmi}}{\sum_i I_{EL}_i \times w_{3,hmi}}, & \text{if } i \text{ is eligible} \end{cases}$$

where I_{EL}_i was a 1/0 indicator for eligibility status (1: eligible; 0: ineligible). The resulting weight was:

$$w_{4,hmi} = f_{4,hmi} \times w_{3,hmi}$$

Nonresponse Adjustment

Those who were contacted and eligible were retained after the previous step. These included contacts with the sampled enrollee and/or others at the phone number who took messages or gave information. Some enrollees initially agreed to participate, then abandoned the survey within the first few questions. Reasons for non-participation were not recorded. These were all considered as nonresponse. Overall, there were 6,327 eligible cases; among them, 4,108 responded. One respondent's answers were accidentally over-written due to systems issues.

As examined in Table 2 above, among eligible cases, respondents and nonrespondents were different with nonrespondents being younger, more likely to be male, non-Hispanic White or other race, with a shorter amount of time after first enrolled in HMP, and more likely to be from the Detroit Metro area than respondents.

In order to compensate for potential nonresponse bias associated with these differences, we adjusted for the following characteristics available in the HMV sample frame data, which were available for both respondents and nonrespondents:

- Sex
- Age (19-34; 35-49; 50-64 years old)
- Race/ethnicity (Hispanic; Non-Hispanic White; Non-Hispanic Black; Non-Hispanic other)
- First HMP month (2 years or more ago; less than 2 years ago)

Additionally, we had the following sampling information available for both respondents and nonrespondents:

- Stratum (FPL x Region)
- FPL
- Region
- Sampling month

The nonresponse adjustment followed Lee and Valliant (2008)¹², where a logistic regression model was used to predict response while controlling for differences in characteristics between respondents and nonrespondents. The predictors included age, sex, race/ethnicity, first month on HMP, sampling strata, sampling month and the interaction between sampling strata and sampling month. The adjustment factor, $f_{5,i}$, was the inverse of response propensity predicted from the logistic regression. The resulting weight was:

$$w_{5,imh} = w_{4,mhi} \times f_{5,i}$$

Post-stratification

The target population of the HMP survey is HMP enrollees ever eligible for HMP between January and October 2016. There were 384,262 such persons. From the sample frame data, we had information about the characteristics of this population. Table 3 compares the population and the sample weighted by nonresponse adjustment weight ($w_{5,imh}$) with respect to age, sex, race/ethnicity, first month enrolled in HMP, sampling stratum, FPL and region. Our weighted sample matched the population reasonably well across most characteristics, except for age, sex and first month on HMP. Compared to the population, our sample overrepresented enrollees who were older, females or who enrolled in HMP during the first 3 months of HMP. Hence, this known discrepancy was handled through post-stratification. All the characteristics in Table 3 were controlled for in the post-stratification using an iterative proportional fitting method (Deville et al., 1993)¹³. This process forced the sample to match the population with respect to the controlled characteristics.

Post-stratification may force the weights to be extreme. These extreme weights increase the variability of estimates and, in turn, lower statistical power. In order to minimize the effect of extreme weights, these weights are trimmed. To address this issue we used the Individual and Global Cap Value (IGCV) method introduced by Izrael et al. (2009)¹⁴. This method sets thresholds for minimum and maximum adjustment factors in relation to the individual weights and to all weights globally. Specifically, our procedure set the global high cap at 7, the global low cap at 0.12, the individual high cap at 5 and the individual low cap at 0.2. The trimmed weights were normalized to the population total of 384,262. The resulting weight is $w_{6,imh}$. Table 3 includes the sample characteristics weighted by $w_{6,imh}$. When using the post-stratified weight, the sample matched the eligible target population perfectly. However, compared to when using the nonresponse adjustment weight, there was a slight increase in standard error due to variability in weights introduced by post-stratification.

¹² Lee S, Valliant R. 2008. Weighting telephone samples using propensity scores. *Advances in Telephone Survey Methodology*. 170-183.

¹³ Deville JC, Särndal CE, Sautory O. 1993. Generalized raking procedures in survey sampling. *Journal of the American Statistical Association*. 88(423):1013-20.

¹⁴ Izrael D, Battaglia MP, Frankel MR. 2009. Extreme survey weight adjustment as a component of sample balancing (aka raking). In Proceedings from the Thirty-Fourth Annual SAS Users Group International Conference.

Table 3. Comparison of HMPV eligible population and HMPV sample using frame data

Characteristics	Population		Sample				
			Weighted by w_5		Weighted by w_6		
	N	%	n	%	SE	%	SE
Total	384,262		4,107				
Age							
19-35 years old	163,071	42.4	1,388	36.9	0.9	42.4	1.0
36-49 years old	113,660	29.6	1,130	28.1	0.8	29.6	0.9
50-64 years old	107,531	28.0	1,589	34.9	0.9	28.0	0.8
Sex							
Male	186,379	48.5	1,692	45.9	0.9	48.5	1.0
Female	197,883	51.5	2,415	54.1	0.9	51.5	1.0
Race/Ethnicity							
Non-Hispanic White	232,688	60.6	2,832	63.1	0.9	60.6	1.0
Non-Hispanic Black	91,208	23.7	771	23.2	0.8	23.7	0.9
Other	60,366	15.7	504	13.7	0.7	15.7	0.8
First month on HMP							
4-6, 2014	158,983	41.4	2,153	49.7	0.9	41.4	0.9
7-12, 2014	89,945	23.4	1,118	27.6	0.8	23.4	0.8
2015	135,334	35.2	836	22.7	0.8	35.2	1.1
Stratum							
1. UP/NW/NE, 0-35%	13,282	3.5	289	3.6	0.2	3.5	0.2
2. UP/NW/NE, 36-99%	11,835	3.1	246	3.3	0.2	3.1	0.2
3. UP/NW/NE, 100%+	9,291	2.4	212	2.6	0.2	2.4	0.2
4. W/EC/E, 0-35%	52,224	13.6	505	13.4	0.6	13.6	0.6
5. W/EC/E, 36-99%	33,157	8.6	468	8.8	0.4	8.6	0.4
6. W/EC/E, 100%+	24,248	6.3	296	6.5	0.4	6.3	0.4
7. SC/SW/SE, 0-35%	34,675	9.0	325	8.7	0.5	9.0	0.6
8. SC/SW/SE, 36-99%	20,909	5.4	310	5.5	0.3	5.4	0.3
9. SC/SW/SE, 100%+	15,569	4.1	205	4.0	0.3	4.1	0.3
10. DET, 0-35%	99,024	25.8	490	25.0	1.0	25.8	1.1
11. DET, 36-99%	43,569	11.3	432	11.7	0.6	11.3	0.6
12. DET, 100%+	26,479	6.9	329	6.9	0.4	6.9	0.4
Income (%FPL)							
0-35%	199,205	51.8	1,609	50.7	0.9	51.8	1.0
36-99%	109,470	28.5	1,456	29.3	0.8	28.5	0.8
100%+	75,587	19.7	1,042	20.0	0.6	19.7	0.7
Prosperity Region							
UP/NW/NE	34,408	9.0	747	9.4	0.4	9.0	0.4
W/EC/E	109,629	28.5	1,269	28.8	0.8	28.5	0.8
SC/SW/SE	71,153	18.5	840	18.2	0.6	18.5	0.7
DET	169,072	44.0	1,251	43.6	1.0	44.0	1.0

Analyses

We generated descriptive statistics for responses to all questions in the survey and these are highlighted in the tables in Appendix A. Weights were applied to the data to adjust for the probability of selection, nonresponse bias, and other adjustments as described above. **As a result, please note that the proportions included in this report reflect how the results we observed would apply to the eligible population of HMP enrollees** (based on inclusion and exclusion criteria described on page 11). The number of individuals who responded to each survey question is noted in the tables in Appendix A. When N is less than 4,090, this indicates that either some respondents missed that question or the question was part of a skip pattern and was therefore only asked of a subset of respondents based on their previous responses.

We conducted analyses of bivariate relationships with FPL group, region, and the four subgroups of interest outlined below:

- Low outpatient care utilizers were defined as those with no primary care or outpatient visits based on claims in the 12 months prior to HMP sampling. Bivariate analyses compared this subgroup to those with at least one primary care or outpatient visit (referred to as “low healthcare utilizers” in the tables in Appendix A).
- High ER utilizers were defined as those with five or more ER visits based on claims in the 12 months prior to HMP sampling. Bivariate analyses compared this subgroup to those with four or fewer ER visits (referred to as “high ER utilizers” in the tables in Appendix A).
- The subgroup of respondents with one or more chronic conditions (asthma, cardiovascular disease, COPD or diabetes) were defined by HEDIS criteria using claims data. Bivariate analyses compared this subgroup to all other respondents (referred to as “Chronic disease (HEDIS)” in the tables in Appendix A).
- The subgroup of respondents with a mental and behavioral health condition or substance use disorder were defined by HEDIS criteria using claims data. Bivariate analyses compared this subgroup to all other respondents (referred to as “Mental health/substance use disorder (HEDIS)” in the tables in Appendix A).

We conducted mixed effects regression analyses to identify individual and community factors associated with HMP enrollees’: health literacy; knowledge and understanding about the Healthy Michigan Plan; knowledge about health and health risks, health behaviors and engaged participation in care; and decision making about when, where and how to seek care.

The following individual factors were included in these analyses: age, gender, race, ethnicity, FPL, insurance status prior to HMP, previous Medicaid enrollment, employment status, health literacy, PCP visit in the past 12 months of HMP enrollment, self-reported chronic disease status, any days of poor physical health, and any days of poor mental health. The source for these measures were enrollee responses to the 2016 *Healthy Michigan Voices* Enrollee Survey. For this analysis, “Don’t know” responses were recoded as missing for these variables.

The following community factors, measured at the zip code level, were included in these analyses: percent of population with high school degree or equivalent, percent of population with college degree, percent of population below poverty level, percent of population

uninsured before ACA, percent of population with Medicaid coverage before ACA, percent of population with limited English proficiency, percent of population unemployed, percent of households receiving food stamps/SNAP benefits, number of liquor stores, and percent of households without car access. The sources for these measures were the American Community Survey 2013 and 2015, and the Economic Census, 2012.

The following community factors, measured at the county level, were also included in these analyses: ratio of PCPs to the population, preventable hospitalization rate, violent crime rate, injury death rate, and drug overdose mortality rate. The source for these measures was the Robert Wood Johnson Foundation County Health Rankings.

For all analyses of bivariate and multivariate relationships, the types of analysis, models, variables included and how they are defined or measured are included in Appendices A-C of this report. The specific tests are described in the table footnotes.

Results

The following results are presented in the order in which they were outlined in the CMS Special Terms and Conditions. First, we report findings that meet Aims 1-3; noting significant differences by FPL group and region. Results highlighting differences between the following subgroups of interest, low outpatient care utilizers, high ER utilizers, respondents with a mental and behavioral health condition or substance use disorder, and respondents with one or more chronic conditions, and all other respondents are noted for demographics and topics outlined in the Domain IV evaluation plan. Lastly, we present results from mixed effects regression analyses, to identify individual and community factors associated with Healthy Michigan Plan enrollees': health literacy, and knowledge and understanding about the Healthy Michigan Plan; knowledge about health and health risks, health behaviors and engaged participation in care; and decision making about when, where and how to seek care.

Demographic characteristics of respondents

After weighting, demographic characteristics of respondents closely match characteristics of the broader HMP population (see Table 2, above).

Table 4. Demographic characteristics

Characteristics	Weighted %	95% CI
FPL (n=4,090)		
0-35% (n=1,600)	51.8	[50.8, 52.8]
36-99% (n=1,450)	28.4	[27.6, 29.3]
≥ 100% (n=1,040)	19.8	[19.1, 20.4]

Continued on next page

Continued from previous page

Region (n=4,090)		
UP/NW/NE (n=746)	9.0	[8.6, 9.4]
W/E Central/E (n=1,265)	28.6	[27.8, 29.4]
S Central/SW/SE (n=837)	18.6	[17.8, 19.3]
Detroit Metro (n=1,242)	43.8	[42.8, 44.9]
Age (n=4,090)		
19-34 (n=1,303)	40.0	[38.0, 42.0]
35-50 (n=1,301)	34.0	[32.1, 35.9]
51-64 (n=1,486)	26.0	[24.5, 27.6]
Gender (n=4,090)		
Male (n=1,681)	48.4	[46.5, 50.4]
Female (n=2,409)	51.6	[49.6, 53.5]
Race (n=4,039)		
White (n=2,784)	61.2	[59.3, 63.0]
Black or African American (n=807)	26.1	[24.3, 27.9]
Other (n=306)	8.8	[7.7, 10.0]
More than one (n=142)	4.0	[3.3, 4.9]
Hispanic/Latino (n=4,056)		
Yes (n=188)	5.2	[4.4, 6.2]
No (n=3,856)	94.3	[93.3, 95.2]
Don't know (n=12)	0.5	[0.2, 0.9]
Arab, Chaldean, Middle Eastern (n=4,055)		
Yes (n=204)	6.2	[5.3, 7.2]
No (n=3,842)	93.6	[92.5, 94.5]
Don't know (n=9)	0.3	[0.1, 0.6]
Urbanicity (n=4,090)		
Urban (n=2,892)	81.0	[80.0, 82.0]
Suburban (n=400)	8.8	[7.9, 9.7]
Rural (n=798)	10.2	[9.7, 10.7]
Medicaid Health Plan (n=4,088)		
Aetna (n=58)	1.7	[1.2, 2.3]
Blue Cross (n=356)	11.6	[10.2, 13.1]
Harbor (n=18)	0.7	[0.4, 1.3]
McLaren (n=633)	13.0	[11.9, 14.2]
Meridian (n=1,265)	29.8	[28.1, 31.6]
Midwest (n=3)	0.1	[0.0, 0.2]
Molina (n=701)	18.0	[16.5, 19.5]
Priority (n=268)	5.9	[5.2, 6.7]
Total Health Care (n=85)	2.8	[2.2, 3.7]
United (n=443)	13.2	[11.8, 14.7]
Upper Peninsula Health Plan (n=258)	3.2	[2.8, 3.6]

Continued on next page

Continued from previous page

Employment status (n=4,075)		
Employed or self-employed (n=2,079)	48.8	[47.0, 50.7]
Out of work ≥ 1 year (n=707)	19.7	[18.1, 21.3]
Out of work < 1 year (n=258)	7.9	[6.8, 9.1]
Homemaker (n=217)	4.5	[3.8, 5.3]
Student (n=161)	5.2	[4.3, 6.2]
Retired (n=167)	2.5	[2.1, 3.0]
Unable to work (n=479)	11.3	[10.1, 12.5]
Don't know (n=7)	0.2	[0.1, 0.4]
Veteran (n=4,086)		
Yes (n=125)	3.4	[2.7, 4.2]
No (n=3,958)	96.5	[95.7, 97.2]
Don't know (n=3)	0.1	[0.0, 0.5]
Marital status (n=4,073)		
Married (n=1,008)	20.4	[19.0, 21.8]
Partnered (n=185)	4.3	[3.6, 5.1]
Divorced (n=865)	18.2	[16.8, 19.6]
Widowed (n=147)	2.8	[2.3, 3.4]
Separated (n=119)	2.8	[2.3, 3.4]
Never Married (n=1,745)	51.6	[49.6, 53.5]
Don't know (n=4)	0.1	[0.0, 0.2]
Any self-reported chronic health condition (n=4,090)		
Yes (n=2,986)	69.2	[67.3, 71.0]
No (n=1,104)	30.8	[29.0, 32.7]
At least one self-reported physical health condition (n=4,090)		
Yes (n=2,689)	60.8	[58.8, 62.8]
No (n=1,401)	39.2	[37.2, 41.2]
At least one self-reported mental health condition (n=4,090)		
Yes (n=1,351)	32.1	[30.3, 33.9]
No (n=2,739)	67.9	[66.1, 69.7]
Low outpatient care utilizers (n=4,090)		
No PCP/OP visits (n=491)	15.2	[13.7, 16.9]
1+ PCP/OP visits (n=3,599)	84.8	[83.1, 86.3]
High ER utilizers (n=4,090)		
5+ ER visits (n=156)	4.4	[3.6, 5.4]
0-4 ER visits (n=3,934)	95.6	[94.6, 96.4]
HEDIS Chronic disease (n=4,090)		
Yes (n=1,161)	25.1	[23.5, 26.8]
No (n=2,929)	74.9	[73.2, 76.5]
HEDIS Mental health/substance use disorder (n=4,090)		
Yes (n=2,034)	48.3	[46.4, 50.3]
No (n=2,056)	51.7	[49.7, 53.6]

Continued on next page

Continued from previous page

Other household HMP enrollee (n=4,082)		
Yes (n=1,592)	35.7	[34.0, 37.5]
No (n=2,289)	58.0	[56.1, 59.8]
Don't know (n=201)	6.3	[5.3, 7.6]
How often do you need to have someone help you read instructions, pamphlets, or other written materials from a doctor, pharmacy, or health plan? (n=4,088)		
Never (n=3,031)	72.6	[70.8, 74.3]
Rarely (n=413)	10.6	[9.5, 12.0]
Sometimes (n=390)	10.6	[9.4, 11.9]
Often (n=94)	2.4	[1.8, 3.1]
Always (n=157)	3.7	[3.1, 4.5]
Don't know (n=3)	0.0	[0.0, 0.1]

At the time of the survey, 48.8% reported they were employed or self-employed, 27.6% were out of work, 11.3% were unable to work, and 2.5% were retired. The majority (83.2%) of respondents reported rarely or never needing help reading instructions, pamphlets, or other written material from a doctor, pharmacy or health plan. Respondents with an income of 0-35% FPL were more likely to report often or always needing help reading instructions, pamphlets, or other written material from a doctor, pharmacy or health plan. See Appendix A Tables 2.1-2.2.

Table 5. Insurance coverage prior to HMP

	Weighted %	95% CI
At any time during the 12 months BEFORE you enrolled in the Healthy Michigan Plan, did you have any type of health insurance? (n=4,087)		
Yes (n=1,667)	40.7	[38.8, 42.6]
No (n=2,374)	57.9	[55.9, 59.8]
Don't know (n=46)	1.4	[1.0, 2.1]
[If Yes] Did you have health insurance for all 12 months, 6-11 months, less than 6 months, or not at all*? (n=1,667)		
All 12 months (n=1,235)	73.8	[71.1, 76.5]
6-11 months (n=245)	15.2	[13.0, 17.6]
Less than 6 months (n=129)	7.6	[6.2, 9.3]
Don't know (n=58)	3.4	[2.5, 4.7]

Continued on next page

*Respondents who responded "Not at all" were included in the "No" category for the prior question and their responses dropped from this question.

Continued from previous page

What type of health insurance did you have?* (n=1,622)		
Medicaid, MiChild, or other state program (n=834)	50.8	[47.7, 53.9]
Private insurance provided through a job or union (n=409)	26.2	[23.6, 29.0]
Private insurance purchased by you or someone else (n=157)	10.2	[8.3, 12.6]
County health plan (n=127)	6.3	[5.2, 7.7]
Veterans Health or VA care (n=21)	1.4	[0.8, 2.3]
CHAMPUS, TRICARE, other military coverage (n=3)	0.3	[0.1, 1.2]
Medicare (n=5)	0.3	[0.1, 0.7]
Indian Health Service (n=3)	0.1	[0.0, 0.3]
Other (n=83)	5.6	[4.3, 7.3]
Don't know (n=23)	1.2	[0.8, 1.9]
[If private insurance purchased by you or someone else] Was this insurance purchased on the HealthCare.gov exchange? (n=152)		
Yes (n=59)	31.5	[22.6, 41.9]
No (n=75)	55.4	[44.1, 66.2]
Don't know (n=18)	13.1	[7.6, 21.7]
[If Yes] Did you receive a subsidy? (n=59)		
Yes (n=37)	61.8	[43.9, 76.9]
No (n=18)	29.0	[18.1, 43.1]
Don't know (n=4)	9.3	[2.2, 31.3]

***Respondents were able to provide more than one response for this question; As a result, percentages may exceed 100%.*

More than half (57.9%) of survey respondents did not have health insurance at any time in the 12 months prior to HMP enrollment. Of those who reported having health insurance at some point during the 12 months prior to HMP enrollment, the majority (73.8%) had health insurance for all 12 months. Approximately half (50.8%) of survey respondents who reported having health insurance at any time in the 12 months prior to HMP enrollment had Medicaid, MiChild, or health coverage through another state health program, while a quarter (26.2%) had private insurance through a job or union. Among those who reported private insurance they purchased themselves or someone else purchased (10.2%), 31.5% purchased the insurance on the healthcare.gov website, and 61.8% of those respondents who purchased health insurance on the healthcare.gov website reported receiving a subsidy. Respondents with an income of 0-35% FPL were more likely to have no health insurance in the 12 months prior to HMP enrollment. Among those who had insurance at any time in the 12 months prior to HMP enrollment, respondents from the West/East Central/East and South Central/South West/South East regions were more likely to say they had a county health plan. See Appendix A Tables 2.1-2.3.

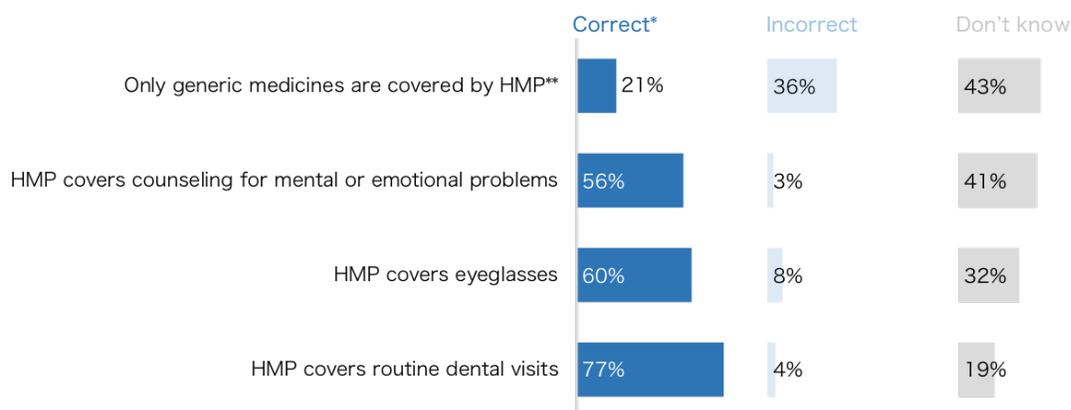
Aim 1: Describe Healthy Michigan Plan enrollees’ consumer behaviors and health insurance literacy, including knowledge and understanding about the Healthy Michigan Plan, their health plan, benefit coverage, and cost-sharing aspects of their plan

Knowledge and understanding of health insurance, the Healthy Michigan Plan, cost-sharing, incentives for healthy behaviors, MI Health accounts and value-based insurance design

Knowledge and understanding of HMP coverage

The majority of respondents knew that HMP covers routine dental visits (77.2%), eyeglasses (60.4%), and counseling for mental or emotional problems (56%). Just over one-fifth (21.2%) were aware that HMP covers name brand as well as generic medications, and respondents from the Detroit Metro region were more likely to incorrectly report that HMP covers only generic medications. See Appendix A Tables 3.1-3.4.

Figure 1. Enrollee understanding of HMP coverage for some services could be improved.

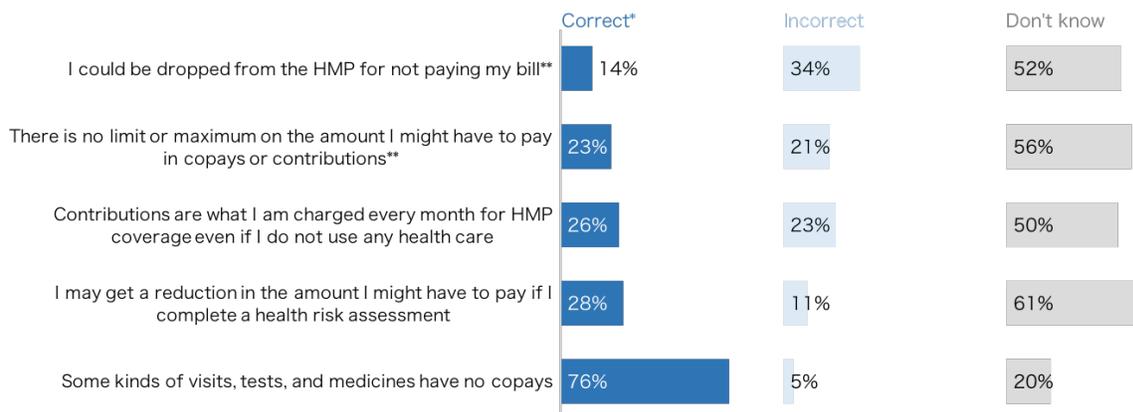


*Percent of respondents who reported the correct answer, "yes" or "no", in responding to the statement.
 **Statement is untrue, so those who responded "yes" were considered incorrect.

Knowledge and understanding of HMP cost-sharing requirements and healthy behavior rewards

Just over one-quarter (26.4%) of respondents were aware that contributions are charged monthly regardless of health care use, although 40.0% of those with an income of 100-133% FPL knew this. Almost one-quarter (23.0%) of respondents were aware that there is a limit or maximum on the amount they might have to pay. The majority (75.6%) of respondents were aware that some kinds of visits, tests, and medicines have no copays. Most (85.7%) believed or were unsure if they would be disenrolled from HMP for not paying their bill; those with an income of 100-133% FPL were more likely to believe this. See Appendix A Tables 3.5-3.8.

Figure 2. Enrollees were often not aware of HMP cost-sharing features.



*Percent of respondents who reported the correct answer, "yes" or "no", in responding to the statement.
 **Statement is untrue, so those who responded "yes" were considered incorrect.

Over one-quarter (28.1%) of respondents were aware that they could get a reduction in the amount they have to pay if they complete a health risk assessment. More (40.6%) survey respondents strongly agreed or agreed that information about healthy behavior rewards led them do something they might not have done otherwise. A quarter (26.1%) strongly disagreed or disagreed, and one-fifth (21.3%) said they did not know. See Appendix A Tables 3.9-3.10.

Perspectives on cost-sharing

The majority (87.6%) of survey respondents strongly agreed or agreed that the amount they have to pay for HMP overall seems fair. Those with an income of 36-99% FPL were more likely to strongly agree that the amount they have to pay for HMP overall seems fair. Most (88.8%) respondents strongly agreed or agreed that the amount they pay for HMP is affordable. Almost three-quarters (72.1%) of respondents strongly agreed or agreed that they would rather take some responsibility to pay something for their health care than not pay anything. See Appendix A Tables 3.11-3.13.

MI Health Account

The majority (68.2%) of respondents reported that they received a MI Health Account statement; those with an income of 100-133% FPL and those from the Upper Peninsula/North West/North East region more likely to report receiving a MI Health Account statement. See Appendix A Table 3.14.

Challenges using HMP coverage

Few (15.5%) survey respondents reported that they had questions or problems using their HMP coverage. Among those who had questions or problems, about half (47.7%) reported getting help or advice; respondents from the Detroit Metro region were less likely to report getting help or advice. The most commonly reported sources of help were from a health plan hotline, someone at the doctor's office, and a source other than the provided responses. Among those who reported a source other than those provided, common responses included getting help from a case worker or someone at the pharmacy. Most (74.2%) of those who reported receiving

help said that they got an answer or solution to their question; those with an income of 0-35% FPL were more likely to report that they got an answer or solution to their question. See Appendix A Tables 3.15-3.18.

Perspectives on HMP coverage

The majority of survey respondents strongly agreed or agreed that it is very important for them personally to have health insurance (97.4%), that they do not worry as much about something bad happening to their health since HMP enrollment (69.0%), that having HMP has taken a lot of stress off of them (87.9%), that without HMP they would not be able to go to the doctor (83.3%), and that having HMP has helped them live a better life (89.2%). See Appendix A Tables 3.19-3.23.

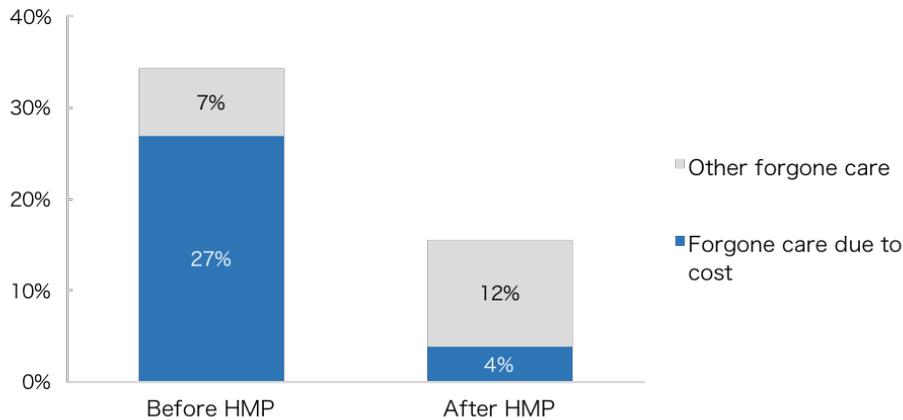
Health care spending, financial and nonfinancial obstacles to care

Forgone care prior to and with HMP

One-third (33.0%) of respondents reported not getting the health care they needed in the 12 months prior to HMP enrollment; those from the South Central/South West/South East region were more likely to report this. See Appendix A Table 3.24. The most common reasons for not getting the care they needed prior to HMP were being worried about the cost (77.5%) and not having health insurance (67.4%). Those from the Upper Peninsula/North West/North East region were more likely than those in other regions to report being worried about the cost. See Appendix A Tables 3.25.1-3.25.2.

In the past 12 months of HMP enrollment, 15.6% said there was a time when they did not get the medical or dental care they needed. The most common reasons for not getting the care they needed with HMP were because their health plan would not pay for the treatment (39.6%) and being worried about the cost (25.4%). Less common reasons included not having transportation (6.1%) and because they did not have or could not find a doctor (4.3%). Those with an income of 0-35% FPL were more likely to report not having transportation and those from the South Central/South West/South East and Upper Peninsula/North West/North East regions were more likely to report that they did not have or could not find a doctor. Those who cited a reason other than the options supplied for not getting the care they needed often reported that dental procedures such as crowns and root canals are not covered and indicated that it was difficult to find a dentist who accepted their insurance. Among respondents who did not get needed care because they could not afford it, 63.2% reported that this care was dental care, those from the Detroit Metro region were more likely, and those from the South Central/South West/South East region were less likely, to report this; 21.7% reported specialty care, those from the South Central/South West/South East and Upper Peninsula/ North West/North East regions were more likely to report this; 19.9% reported prescription medications, those with an income of 0-35% FPL were more likely to report this; and 13.3% reported a checkup, physical or wellness visit, those from the South Central/South West/South East region were more likely to report this. See Appendix A Tables 3.26, 3.27.1, 3.27.4, 3.27.6, 3.27.8, 3.28.1-3.28.2, 3.28.5-3.28.6.

Figure 3. Overall forgone care and forgone care due to cost decreased after HMP enrollment.



Accessing primary care

Among those who had seen their PCP in the past 12 months of HMP enrollment, 83.9% said it was easy or very easy to get an appointment to see their PCP. Those with an income of 100-133% FPL were more likely to report that it was difficult to get an appointment to see their PCP. For those who said it was difficult or very difficult to schedule an appointment, the most common reason for this difficulty was not getting an appointment soon enough. See Appendix A Tables 3.29 and 3.30.2.

Perceived discrimination

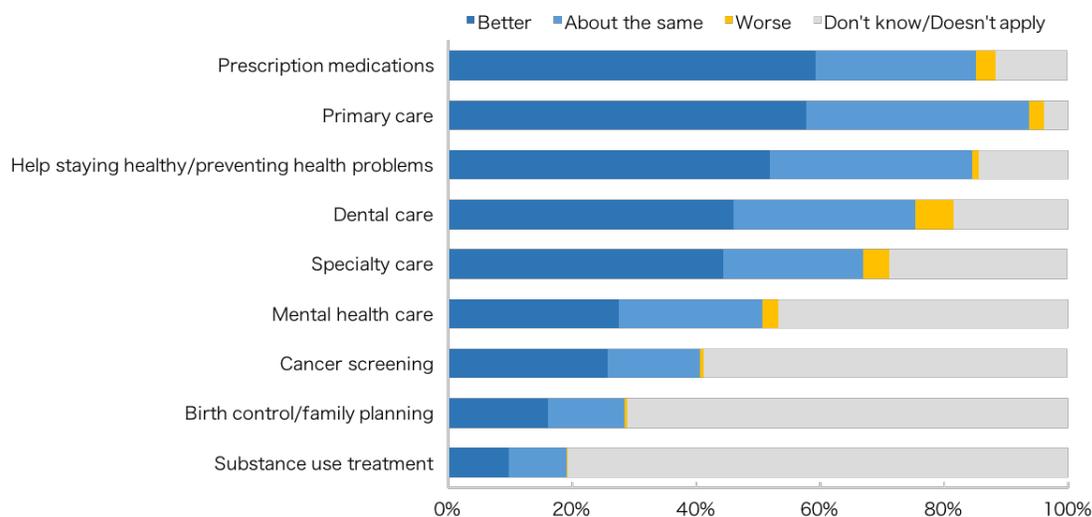
Most respondents did not report feeling judged or treated unfairly by medical staff in the past 12 months because of their race or ethnic background (96.4%) or because of how well they spoke English (97.4%). However, 11.6% of respondents felt judged or treated unfairly by medical staff in the past 12 months because of their ability to pay for care or the type of health coverage they had. See Appendix A Tables 3.31.1-3.31.3.

Changes in access to care

Many respondents reported greater ability to get prescription medications (59.3%), primary care (57.8%), help staying healthy or preventing health problems (52%), dental care (46.1%), specialist care (44.4%), mental health care (27.5%), and cancer screening (25.7%) after enrolling in HMP compared to before they had HMP coverage. About half (46.7%) of respondents did not know if their ability to get mental health care through HMP was better, worse, or about the same as compared to before enrolling in HMP, though only 2.5% reported that it was worse. The majority (80.7%) of respondents did not know if their ability to get substance use treatment services through HMP was better, worse, or about the same compared to before enrolling in HMP though only 0.2% reported that it was worse. While most (58.6%) respondents did not know if their ability to get cancer screening through HMP was better, worse, or about the same

compared to before HMP, 25.7% said it was better. The majority (71.0%) of respondents also said they did not know if their ability to get birth control/family planning services through HMP is better, worse, or the about the same compared to before HMP. Those with an income of 0-35% FPL were more likely to report that their ability to get to primary care, mental health care, and substance use treatment services through HMP is better compared to before. See Appendix A Tables 3.32.1-3.32.9.

Figure 4. Enrollees rarely reported worse access to health services since HMP enrollment.



Consumer behaviors

Checking cost-sharing before seeking care

More than half (58.9%) of all survey respondents strongly agreed or agreed that the amount they might have to pay for prescriptions influences their decisions about filling prescriptions. Many (71.6%) respondents reported being somewhat or very likely to find out how much they might have to pay for a health service before going to get it. See Appendix A Tables 3.33 and 3.34.1.

Checking MI Health Account balance before seeking care

Among respondents who reported receiving a MI Health Account statement, 88.3% strongly agreed or agreed that they carefully review each statement to see how much they owe, 88.4% strongly agreed or agreed that the statements help them be more aware of the cost of health care, and 30.8% strongly agreed or agreed that the information in the statement led them to change some of their health care decisions. See Appendix A Tables 3.35.1-3.35.3.

Talking with doctor about treatment options and costs

Over two-thirds (67.9%) reported being somewhat or very likely to talk with their doctor about how much different health care options would cost them. Many (75.3%) reported that they were

somewhat or very likely to ask their doctor to recommend a less costly prescription drug; those with an income of 0-35% FPL and those from the Detroit Metro region were more likely to report being somewhat or very unlikely to ask their doctor to recommend a less costly prescription drug. See Appendix A Tables 3.34.2-3.34.3.

Seeking out and using quality information in health care decisions

The majority (78.1%) of respondents reported that they were somewhat or very likely to check reviews or ratings of quality before choosing a doctor or hospital; those from the Upper Peninsula/North West/North East region were more likely to report being somewhat or very unlikely to check reviews or ratings of quality before choosing a doctor or hospital. See Appendix A Table 3.34.4.

Reasons for health risk assessment completion and non-completion

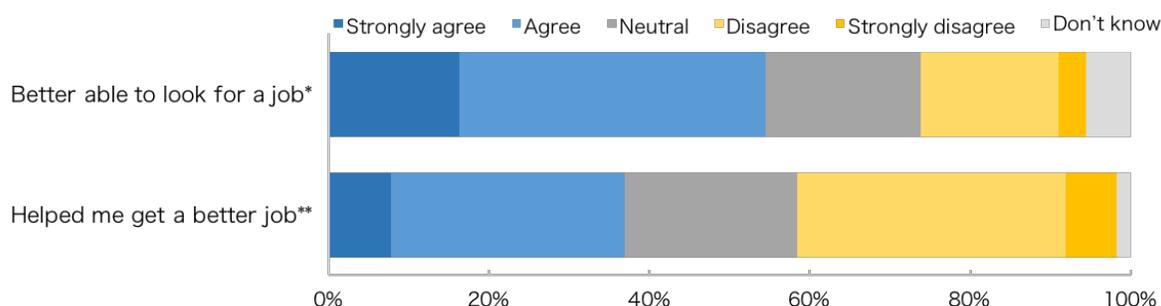
See all HRA-related results under Aim 2.

Work ability, medical debt and other measures of economic impact of Healthy Michigan

Impact of HMP on employment, education and ability to work

Among employed, self-employed, and respondents out of work for less than one year, 16.6% indicated that they missed fewer days of work in the past year compared to the 12 months before. While most (78.3%) respondents who were students indicated that the number of days they missed school in the past year was about the same compared to the 12 months before HMP enrollment, 16.5% reported that they missed fewer days in the past year compared to the 12 months before. Among employed or self-employed respondents, 69.4% felt that getting health coverage through HMP helped them do a better job at work. Among respondents who were employed or self-employed, 27.6% reported changing jobs in the past 12 months. Among those who changed jobs in the past 12 months, 36.9% felt that having health coverage through HMP helped them get a better job. For those out of work, 54.5% of respondents felt that having HMP made them better able to look for a job. See Appendix A Tables 3.36, 3.38, 3.40-3.44.

Figure 5. Enrollees reported improved ability to work and improved job seeking ability as a result of having health insurance through HMP.



*Among enrollees who were out of work or had a recent job change

**Among employed enrollees

Out-of-pocket healthcare spending prior to HMP

In the 12 months prior to HMP enrollment, almost one-quarter (23.3%) of respondents spent more than \$500 out of pocket for their own medical and dental care. Those with an income of 0-35% FPL were more likely to report spending less than \$50 out-of-pocket for their own medical or dental care in the 12 months prior to HMP enrollment. In the 12 months prior to HMP enrollment, 44.7% of respondents reported having problems paying medical bills; those with an income of 0-35% FPL were more likely to report this. Of those who reported having problems paying their medical bills, 67.1% reported being contacted by a collections agency and 30.7% thought about filing for bankruptcy. Among those who thought about it, 21.4% filed for bankruptcy, those with an income of 36-99% FPL were more likely to report that they filed for bankruptcy. See Appendix A Tables 3.47-3.51.

Out-of-pocket healthcare spending with HMP

In the past 12 months, the majority (63.2%) of respondents reported spending less than \$50 out-of-pocket for their own medical or dental care; those with an income of 0-35% FPL were more likely to report this. Among survey respondents who previously had problems paying their medical bills (in the 12 months prior to HMP), most (85.9%) felt that their problems paying medical bills have gotten better since enrolling in HMP. See Appendix A Tables 3.52-3.53.

Reason for failure to re-enroll, when applicable

Please see the report on the 2016 *Healthy Michigan Voices: Survey of Individuals No Longer Enrolled in the Healthy Michigan Plan*.

Aim 2: Describe Healthy Michigan Plan enrollees' self-reported changes in health status, health behaviors (including medication use), and facilitators and barriers to healthy behaviors (e.g. knowledge about health and health risks, engaged participation in care), and strategies that facilitate or challenge improvements in health behaviors

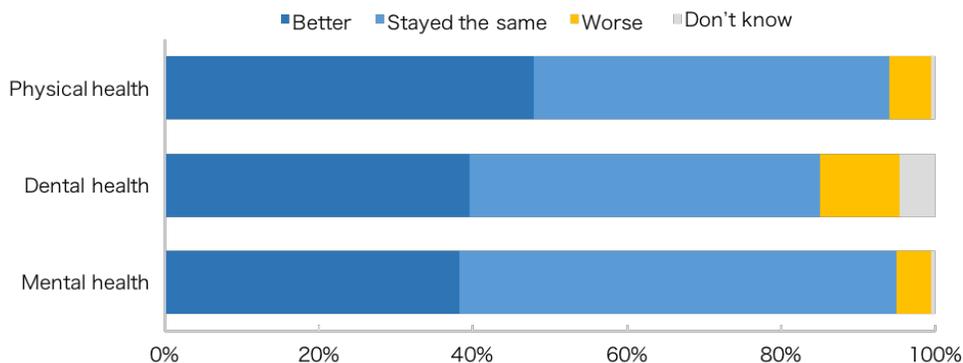
Health status, including physical and mental health, physical function, and the presence of chronic health conditions

Current health status and change in health status since enrolling in HMP

More than one-third of respondents rated their health as either excellent or very good (36.3%). Those from the Detroit Metro region were more likely to report that their health is excellent or very good and those with an income of 0-35% FPL were more likely to report that their health is fair or poor. Those with an income of 0-35% FPL reported a greater number of days in the past 30 days that their physical health was not good, their mental health was not good, or poor physical or mental health kept them from doing their usual activities, compared to those with incomes of 36-99% FPL and 100-133% FPL. Since enrolling in HMP, most respondents reported their physical health had improved (47.8%) or stayed the same (46.1%), their mental health had

improved (38.2%) or stayed the same (56.8%), and their dental health had improved (39.5%) or stayed the same (45.5%). About one-third (31.7%) of survey respondents reported losing weight in the past year. See Appendix A Tables 4.1-4.7, 4.10.

Figure 6. Many enrollees reported improved physical, dental, and mental health since they enrolled in HMP.



Chronic health conditions

More than two-thirds (69.2%) reported any chronic health condition with 60.8% reporting at least one physical health condition and 32.1% reporting at least one mental health condition. Those with an income of 0-35% FPL and those from the Upper Peninsula/North West/North East region were more likely to report a physical health condition. About one-fourth (23.7%) reported having both a physical health condition and a mental health condition. Nearly one-third (30.1%) reported that they had a chronic health condition that was newly diagnosed since enrolling in HMP; those with an income of 0-35% FPL were more likely to report this. The most common chronic conditions reported were hypertension (31.3%), mood disorder (30.4%), and other health conditions (26.9%). Almost one-fifth (18.2%) of respondents reported that poor physical or mental health kept them from activity for 14 or more days in the last month; those with an income of 0-35% FPL were more likely to report this. See Appendix A Tables 4.11, 4.19, 4.29, 4.31-4.36.

Health behaviors and knowledge about healthy behaviors and health risks

Health behaviors and health education

More than one-third (36.7%) of survey respondents reported getting a flu shot last fall or winter. Almost one-third (31.9%) of survey respondents reported exercising every day for at least 20 minutes; those from the Upper Peninsula/North West/North East region were more likely to report exercising every day and 3-6 days in the past week. Almost half (48.8%) of respondents reported drinking sugary drinks two or fewer days per week, and 37.5% of respondents reported eating three or more servings of fruits or vegetables every day; those with an income of 0-35% FPL were less likely to report this. See Appendix A Tables 4.37-4.40.

About half of respondents reported talking with a health professional about exercise (48.6%) and diet and nutrition (49.8%) in the past 12 months. Few (5.1%) respondents reported unsafe

alcohol use three or more days in the past week. Among those who reported unsafe alcohol use in the past week, 30.3% reported talking to a health professional about safe alcohol use. See Appendix A Tables 4.41-4.44.

More than one-third (37.7%) of survey respondents reported smoking or using tobacco in the past 30 days; those with an income of 0-35% FPL were more likely, and those from the Detroit Metro region were less likely, to report smoking or using tobacco in the past 30 days. Among those who smoked or used tobacco in the past 30 days, 75.2% reported wanting to quit. Of those who said they would like to quit smoking or using tobacco, 90.7% reported working on quitting or cutting back, those from the Upper Peninsula/North West/North East region were less likely to report this. Among those who smoked or used tobacco in the past 30 days, over half (54%) of respondents reported receiving advice or assistance from a health professional or health plan on how to quit in the past 12 months. See Appendix A Tables 4.45-4.48.

Few (5.9%) survey respondents reported using drugs or medications in the past 30 days to affect mood or aid in relaxation; those with an income of 0-35% FPL were more likely to report this. Among those who reported using drugs or medications for mood or to aid in relaxation, 52.9% used these drugs or medications almost every day. More than one-third (37.1%) of respondents who used drugs sometimes or every day reported speaking with a health professional about the use of these drugs or medications. Those from the Detroit Metro region were less likely, and those from the South Central/South West/South East more likely, to report speaking with a health professional about the use of drugs or medications. See Appendix A Tables 4.49-4.51.

Medical self-management behaviors (e.g., medication adherence, self-monitoring when appropriate) and receipt of preventive care

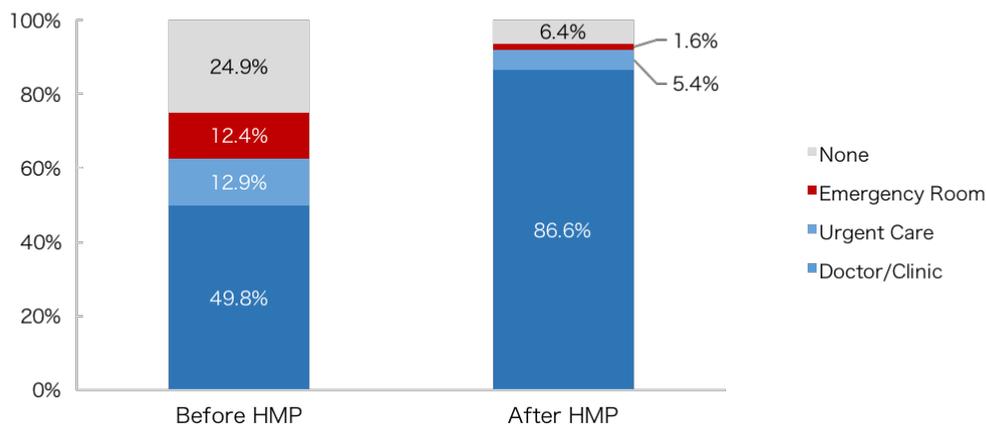
Regular source of care prior to and with HMP

In the 12 months prior to HMP enrollment, about three-quarters (73.8%) of survey respondents reported having a place they would usually go for a checkup, when they felt sick, or when they wanted advice about their health and 24% of survey respondents reported not having a regular source of care. Those with an income of 100-133% FPL group were more likely to report having a regular source of care in the 12 months prior to HMP enrollment. Among respondents who reported having a place that they would go for health care in the 12 months prior to HMP enrollment, a doctor's office (47.9%) was the most common place reported, while 16.2% reported the emergency room as their usual place for care. Those from the Upper Peninsula/North West/North East were less likely, and those with an income of 0-35% FPL were more likely, to report the emergency room as their usual source of care in the 12 months prior to HMP enrollment. See Appendix A Tables 4.52-4.53.

Most (92.2%) survey respondents indicated that in the past 12 months of HMP enrollment there is a place they usually go when they need a checkup, feel sick, or want advice about their health. There were no significant differences by FPL group or region in having a regular source of care in the past 12 months of HMP enrollment. A doctor's office (75.2%) was the most common place respondents went to for health care in the past 12 months of HMP enrollment. A clinic was reported by 16.5%, urgent care by 5.8% and just 1.7% reported the emergency room.

Those from the Upper Peninsula/North West/North East region were less likely to report urgent care or the emergency room as their usual source of care in the last 12 months of HMP enrollment. Among those who usually go to a doctor’s office or clinic for health care, 60.6% reported that this is not the same place they went prior to HMP enrollment. Among respondents who reported going to a doctor’s office or clinic for their health care, most (96.7%) respondents said this was their primary care provider (PCP) through their HMP coverage. Among the respondents who chose urgent care or the emergency room as their usual place for care while enrolled in HMP, 32.4% said they did not have a PCP through HMP. Among those respondents who used urgent care or the emergency room as their usual place of care and who did have a PCP through HMP, about half (49.1%) chose their provider and about half (49.4%) said their plan assigned one. See Appendix A Tables 4.54-4.59.

Figure 7. As compared to before HMP enrollment, more enrollees reported a usual source of care after HMP enrollment while fewer reported the emergency room as that source.



Primary care utilization prior to and with HMP

Many (40.1%) survey respondents had a primary care visit in the year before HMP enrollment, but more than one-fifth (20.6%) had not had a primary care visit in more than five years; those with an income of 0-35% FPL were more likely to report they had not seen a PCP in more than 5 years prior to HMP enrollment. See Appendix A Table 4.60.

The majority (85.2%) of respondents who reported having a PCP indicated that they saw their PCP in the past 12 months while enrolled in HMP. For survey respondents who reported not seeing their PCP in the past 12 months, the most common reason given (63.4%) was that they were healthy and did not need to see a provider. Most (91.1%) respondents who had seen their PCP reported talking about things they can do to be healthy and prevent medical problems. See Appendix A Tables 4.61, 4.62.1, 4.63.

Patient activation and self-efficacy in managing health care and making healthy changes

Health risk assessment (HRA)

Approximately half (49.3%) of survey respondents reported that they remembered completing the HRA. This is comparable to the proportion of HMP enrollees who have an HRA record in the MDHHS Data Warehouse (which reflects completion of any component), but higher than the proportion who have a HRA attestation (which reflects submission of the completed HRA form and physician attestation). This suggests that enrollees may perceive HRA completion to mean answering health behavior questions in the initial component of the form, rather than the full attestation process, or that they answered similar questions at a primary care visit. See Appendix A Table 4.64.

Among those who reported completing the HRA, the most common reasons for completion were that their primary care provider (PCP) suggested it (45.9%), they got it in the mail (33.0%), and/or that they completed it during enrollment on the phone (12.6%). Among respondents who reported completing the HRA because they got it in the mail or because they did it during enrollment on the phone, 71.9% said they took the form to their PCP; those from the Detroit Metro region were less likely to report taking the form to their PCP. See Appendix A Tables 4.65.1-4.65.4.

A majority of those who reported completing the HRA felt that the HRA was valuable for improving their health (83.7%) and was helpful for their PCP to understand their health needs (89.7%). About one-third (31.5%) of those who said they completed the HRA felt that the HRA was not that helpful because they already knew what they needed to do to be healthy. See Appendix A Tables 4.66-4.68.

Among those who reported completing the HRA, 80.7% reported choosing to work on at least one health behavior. The most common behaviors that respondents reported selecting were related to nutrition/diet (57.2%) and exercise/activity (52.6%). See Appendix A Tables 4.69, 4.70.1-4.70.2.

Among respondents who chose to work on a health behavior, 61.3% said their health care provider or health plan helped them work on this behavior. Some (8.0%) said there was help they wanted that they did not get. See Appendix A Tables 4.71-4.72.

Strategies that facilitate healthy behaviors, including contact with community health workers and other community resources

We did not measure contact with community health workers and other community resources because we found, in interviews, great difficulty in getting enrollees to clearly identify the roles of people helping them (e.g., community health workers, navigators, case workers, social workers).

Social interactions

Two-thirds (67.6%) of respondents said that they get together socially with friends or relatives who live outside their home at least once a week. Most (79.8%) respondents reported that the

amount they are involved with their family, friends, and/or community is about the same as before they enrolled in HMP. Those with an income of 0-35% FPL were more likely to say that they get together socially with friends or relatives who live outside their home once a year or less, but more likely to report that they are more involved with their family, friends, and/or community since they enrolled in HMP. See Appendix A Tables 4.73-4.74.

Aim 3: Understand enrollee decisions about when, where and how to seek care, including decisions about emergency department utilization

Care needs after hours

Over one-fifth (22.0%) of survey respondents reported that there was a time when they needed help or advice when their usual clinic or doctor's office was closed. Among these respondents, 46.8% said they tried to contact their provider's office after they were closed to get help or advice. Among those who tried to contact their provider's office after it was closed, 56.5% said they were able to talk to someone. Among respondents who did not contact their provider's office when they needed help or advice, the main reason for not contacting them was because the office was closed. See Appendix A Tables 5.1-5.3, 5.4.1.

Emergency room use with HMP

Over one-third (37.6%) of survey respondents reported going to a hospital emergency room (ER) for care in the past 12 months; those with an income of 0-35% FPL were more likely to report an ER visit. Of those who went to the ER in the past 12 months, 83.8% felt that the problem needed to be handled in the ER. Over one-quarter (28.0%) of respondents with an ER visit in the past 12 months said they tried to contact their usual provider's office to get help or advice before going to the ER; those with an income of 0-35% FPL were less likely to report this. Among those who tried to contact their provider, 76.6% reported talking to someone. Among those who talked to someone from their provider's office before going to the ER, the most common reason for going to the ER was because the provider said to go (75.7%); those from the Upper Peninsula/North West/North East and Detroit Metro regions were less likely to report that the provider said to go to the ER. See Appendix A Tables 5.5-5.8, 5.9.2.

Among respondents who did not try to contact their provider before going to the ER: 20.3% arrived to the ER by ambulance, those with an income of 0-35% FPL were more likely to report this; 75.1% went to the ER because it was the closest place to receive care, and there was no difference by region in the percent of respondents reporting this; 19.4% went because they get most of their care at the ER, those with an income of 0-35% FPL were more likely, and those from the Upper Peninsula/North West/North East region were less likely to report that they get most of their care at the ER; 64.3% felt the problem was too serious for a doctor's office or clinic, 63.6% reported their usual clinic was closed, and 26.1% said they needed to get care at a time that would not make them to miss school or work. See Appendix A Tables 5.10.1-5.10.6.

About two-thirds (64.0%) of all respondents said they are more likely to contact their usual provider before going to the ER compared to before HMP; those with an income in the 0-35%

FPL group were more likely to say that they are less likely to contact their usual provider before going to the ER compared to before HMP. See Appendix A Table 5.11.

Subgroup Analysis – Low outpatient care utilizers

Below, we present results from chi-squared analyses comparing responses from the subgroup of respondents with no primary care or outpatient visits based on claims in the 12 months prior to HMP sampling (15.2% of all respondents, see Appendix A Table 2.1), referred to here as “low outpatient care utilizers”, to those with at least one primary care or outpatient visit (see Appendix C). Differences between low outpatient care utilizers and all other respondents are noted for demographics and topics outlined in the CMS Special Terms and Conditions.

Low outpatient care utilizers were more likely to be men, age 19-34, African American, out of work less than one year, and never married. They were also more likely to have an income of 0-35% FPL and to have no insurance in the 12 months prior to HMP enrollment. Low outpatient care utilizers were less likely to have a self-reported chronic condition, a self-reported physical health condition, a self-reported mental health condition, a claims-based chronic disease based on HEDIS criteria or a claims-based mental and behavioral health condition or substance use disorder based on HEDIS criteria, and are less likely to be a high ER utilizer. They were also less likely to be unable to work. See Appendix A Table 2.4.

Low outpatient care utilizers were more likely than other respondents to report excellent or very good health (60.6% vs. 32.0%). See Appendix A Table 4.1.

Health insurance literacy, and knowledge and understanding about the Healthy Michigan Plan

Knowledge and understanding of HMP coverage

Low outpatient care utilizers were less likely to report that HMP covers routine dental visits (69.7% vs. 78.5%), eyeglasses (44.3% vs. 63.3%), and counseling for mental or emotional problems (47.0% vs. 57.6%), and more likely to report that they didn’t know whether HMP covers only generic medicines (51.0% vs. 41.5%). See Appendix A Tables 3.1-3.4.

Knowledge and understanding of HMP cost-sharing requirements

Low outpatient care utilizers were less likely to report that some kinds of visits, tests, and medicines have no copays (55.9% vs. 79.1%). See Appendix A Table 3.8.

MI Health Account

Low outpatient care utilizers were less likely to report receiving a MI Health Account statement (46.4% vs. 72.1%). See Appendix A Table 3.14.

Financial and nonfinancial barriers to care

Out-of-pocket healthcare spending prior to HMP

Low outpatient care utilizers were less likely to report having problems paying medical bills in the 12 months prior to HMP enrollment (33.1% vs. 46.8%). See Appendix A Table 3.48.

Forgone care prior to and with HMP

Low outpatient care utilizers were less likely to report that they didn't get the health care services they needed in the 12 months before enrolling in HMP (22.6% vs. 34.9%). See Appendix A Table 3.24.

We did not find a difference between low outpatient care utilizers and all other respondents reporting that they didn't get the medical or dental care they needed in the 12 months since enrolling in HMP (14.6% vs. 15.8%). Among those who didn't get the medical or dental care they needed, low outpatient care utilizers were more likely to report that they didn't get the care they needed because they did not have health insurance (18.4% vs. 6.9%), because they did not have transportation (14.6% vs. 4.7%), and because they did not have a doctor or could not find a doctor (11.3% vs. 3.1%). Among those who didn't get needed care due to cost concerns, low outpatient care utilizers were more likely to report they went without a checkup (33.9% vs. 9.8%). See Appendix A Tables 3.26, 3.27.2, 3.27.6, 3.27.8, 3.28.1.

Care needs after hours

Low outpatient care utilizers were less likely to report that in the last 12 months there was a time when they needed help or advice when their usual clinic or doctor's office was closed (10.0% vs. 24.1%). Among those who did not try to contact their provider's office when they needed help or advice when their usual clinic or doctor's office was closed, low outpatient care utilizers were more likely to say they didn't try to contact their provider's office because they were unsure how to contact the provider (8.8% vs. 0.5%). See Appendix A Tables 5.1 and 5.4.4.

Perspectives on HMP coverage

Low outpatient care utilizers were less likely to report that they strongly agree that it is very important to them personally to have health insurance (35.4% vs. 46.2%), to report that they strongly agree that having HMP has taken a lot of stress off them (14.9% vs. 28.0%), to report that they strongly agree that without HMP, they would not be able to go to the doctor (18.0% vs. 30.0%), and to report that they strongly agree that HMP has helped them live a better life (15.4% vs. 26.8%). See Appendix A Tables 3.19, 3.21-3.23.

Views about and experiences with health care providers (especially primary care practitioners)

Regular source of care prior to and with HMP

Low outpatient care utilizers were less likely to report having a place they would usually go for a checkup, when they felt sick, or when they wanted advice about their health in the 12 months prior to HMP enrollment (63.9% vs. 75.5%). Low outpatient care utilizers were more likely to report urgent care or the emergency room as their usual source of care in the 12 months prior to HMP enrollment (25.7% and 19.8%, respectively, vs. 15.5% v and 15.7%). See Appendix A Tables 4.52-4.53.

Low outpatient care utilizers were less likely to report that in the past 12 months of HMP enrollment there is a place they usually go when they need a checkup, feel sick, or want advice about their health (71.0% vs. 96.0%). Low outpatient care utilizers more likely to report urgent care or the emergency room as their usual source of care in the last 12 months of HMP enrollment (13.8% and 6.0%, respectively vs. 4.7% vs. 1.1%). See Appendix A Tables 4.54-4.55.

Primary care utilization prior to and with HMP

Low outpatient care utilizers were more likely to report they had not seen a PCP in more than 5 years prior to HMP enrollment (28.3% vs. 19.2%). See Appendix A Table 4.60.

Low outpatient care utilizers were less likely to report that they have a PCP through their HMP coverage (54.3% vs. 70.0%). Among those who reported that they had not seen a PCP in the past 12 months, low outpatient care utilizers were more likely to report they didn't see a PCP because they were healthy or didn't need to see a doctor (71.0% vs. 56.4%) or because they had transportation difficulties (8.3% vs. 3.0%). Low outpatient care utilizers were less likely to say they have not seen a PCP in the past 12 months because they saw a specialist instead (1.2% vs. 6.9%), because they don't like their doctor (1.0% vs. 6.5%) or for some other reason (19.5% vs. 40.8%). See Appendix A Tables 4.58, 4.62.1, 4.62.3- 4.62.5, 4.62.8.

Perceived discrimination

Low outpatient care utilizers were more likely to report that they didn't know if they have ever felt judged or treated unfairly by medical staff in the past 12 months because of their race (3.3% vs. 0.3%), their ability to speak English (3.9% vs. 0.4%), and their ability to pay for care or the type of health insurance they have (4.9% vs. 0.8%). See Appendix A Tables 3.31.1-3.31.3.

Subgroup Analysis – High ER utilizers

Below, we present results from chi-squared analyses comparing responses from the subgroup of respondents with five or more ER visits based on claims in the 12 months prior to HMP sampling (4.4% of all respondents, see Appendix A Table 2.1), referred to here as “high ER utilizers”, to those with four or fewer ER visits (see Appendix C). Differences between high ER utilizers and all other respondents are noted for demographics and topics outlined in the CMS Special Terms and Conditions.

High ER utilizers were more likely to be women, age 19-34, and unable to work. They were also more likely to have an income 0-35% FPL, a self-reported chronic condition, a self-reported mental health condition, a claims-based chronic disease based on HEDIS criteria, and a claims-based mental and behavioral health condition or substance use disorder based on HEDIS criteria. High ER utilizers were less likely to be a low outpatient care utilizer. See Appendix A Table 2.5.

High ER utilizers were more likely than other respondents to report fair or poor health (49.5% vs. 28.8%). See Appendix A Table 4.1.

Health insurance literacy, and knowledge and understanding about the Healthy Michigan Plan

Knowledge and understanding of HMP coverage

High ER utilizers were more likely to report that HMP covers counseling for mental or emotional problems (71.9% vs. 55.3%). See Appendix A Table 3.3.

Knowledge and understanding of HMP cost-sharing requirements

High ER utilizers were more likely to report that they didn't know whether contributions are charged monthly regardless of health care use (61.2% vs. 49.7%). See Appendix A Table 3.5.

MI Health Account

High ER utilizers were less likely to report receiving a MI Health Account statement (54.5% vs. 68.9%). See Appendix A Table 3.14.

Financial and nonfinancial barriers to care

Out-of-pocket healthcare spending prior to HMP

High ER utilizers were more likely to report having problems paying medical bills in the 12 months prior to HMP enrollment (62.9% vs. 43.8%). See Appendix A Table 3.48.

Forgone care prior to and with HMP

We did not find a difference between high ER utilizers and all other respondents reporting that they didn't get the health care services they needed in the 12 months before enrolling in HMP (38.5% vs. 32.7%). See Appendix A Table 3.24.

We did not find a difference between high ER utilizers and all other respondents reporting that they didn't get the medical or dental care they needed in the 12 months since enrolling in HMP (16.6% vs. 15.6%). Among those who didn't get the medical or dental care they needed, high ER utilizers were more likely to report that they didn't get the care they needed because the doctor or hospital would not accept their health insurance (53.0% vs. 22.4%). Among those who didn't

get needed care due to cost concerns, high ER utilizers were less likely to report that they went without dental care (39.5% vs. 64.5%). See Appendix A Tables 3.26, 3.27.3, 3.28.6.

Perspectives on HMP coverage

Most (91.1%) high ER utilizers reported that they strongly agree or agree that having HMP has taken a lot of stress off them compared to 87.8% of all other respondents. High ER utilizers were more likely to report that they strongly agree or agree that without HMP, they would not be able to go to the doctor (89.5% vs. 83.0%). See Appendix A Tables 3.21-3.22.

Views about and experiences with health care providers (especially primary care practitioners)

Regular source of care prior to and with HMP

High ER utilizers were more likely to report having a place they would usually go for a checkup, when they felt sick, or when they wanted advice about their health in the 12 months prior to HMP enrollment (86.0% vs. 73.2%). High ER utilizers were also more likely to report the emergency room as their usual source of care in the 12 months prior to HMP enrollment (29.4% vs. 15.5%). See Appendix A Tables 4.52-4.53.

High ER utilizers were more likely to report the emergency room as their usual source of care in the past 12 months of enrollment (6.0% vs. 1.5%). See Appendix A Table 4.55.

Primary care utilization with HMP

High ER utilizers were as likely as others to report seeing their PCP in the past 12 months (87.1% vs. 85.1%). We did not find a difference between high ER utilizers and all other respondents reporting how easy or difficult it was to get an appointment to see their PCP. Among those who reported it was difficult or very difficult to get an appointment to see their PCP, high ER utilizers were more likely to report that it was difficult because they could not get an appointment soon enough (96.9% vs. 82.9%). See Appendix A Tables 3.29, 3.30.2, 4.61.

Perceived discrimination

High ER utilizers were more likely to report feeling judged or treated unfairly by medical staff in the past 12 months because of their ability to pay for care or the type of health insurance they have (20.3% vs. 11.2%). See Appendix A Table 3.31.3.

Beneficiary decision-making about when, where and how to seek care

Care needs after hours

High ER utilizers were more likely to report that in the last 12 months there was a time when they needed help or advice when their usual clinic or doctor's office was closed (37.4% vs. 21.3%). Among those who needed help or advice when their usual clinic or doctor's office was

closed, high ER utilizers were more likely to report trying to contact their provider's office after they were closed to get help or advice (64.7% vs. 45.3%). See Appendix A Tables 5.1-5.2.

Emergency room use with HMP

High ER utilizers were more likely to report going to a hospital emergency room for care in the past 12 months (84.1% vs. 35.5%). Among those who went to the ER in the past 12 months, high ER utilizers were more likely to report trying to contact their usual provider's office to get help or advice before going to the emergency room (38.8% vs. 26.8%). Among respondents who did not try to contact their provider before going to the ER, high ER utilizers were more likely to report that the ER is their closest place to receive care (88.1% vs. 73.9%) and that their doctor's office or clinic was not open (79.6% vs. 62.1%). 13.0% of high ER utilizers reported that they are about as likely to contact their usual doctor's office before going to the emergency room as they were before they had HMP, compared to 24.0% of all other respondents. See Appendix A Tables 5.5, 5.7, 5.10.2, 5.10.5, 5.11.

Contact with community health workers or other community resources

Social interactions

19.5% of high ER utilizers reported that they are more involved with their family, friends, and/or community since enrolling in HMP, compared to 14.9% of all other respondents. See Appendix A Table 4.74.

Subgroup Analysis – Enrollees with complex chronic conditions

Below, we present results from chi-squared analyses comparing responses from the subgroup of respondents with one or more chronic conditions (asthma, cardiovascular disease, COPD or diabetes) as defined by HEDIS criteria using claims (25.1% of all respondents, see Appendix A Table 2.1) to those without a chronic condition (see Appendix C). Significant differences between those with a chronic condition and those without are noted for demographics and topics outlined in the CMS Special Terms and Conditions.

Respondents with one or more chronic conditions as defined by HEDIS criteria were more likely to be age 51-64, unable to work or retired, divorced, and a high ER utilizer. They were also more likely to have an income 0-35% FPL, a self-reported chronic condition, a self-reported physical health condition, a self-reported mental health condition, a claims-based mental and behavioral health condition or substance use disorder based on HEDIS criteria, and to report needing help reading written materials often or always. Respondents with one or more chronic conditions as defined by HEDIS criteria were less likely to be more than once race, employed/self-employed, never married, and a low outpatient care utilizer. See Appendix A Table 2.6.

90.3% of those with a chronic condition as defined by HEDIS criteria reported on the survey that they had a physical health condition. Those with a chronic condition were more likely than other respondents to report fair or poor health (48.9% vs. 23.3%). See Appendix A Tables 2.6 and 4.1.

Health insurance literacy, and knowledge and understanding about the Healthy Michigan Plan

Knowledge and understanding of HMP coverage

Those with a chronic condition were more likely to report that HMP covers eyeglasses (67.9% vs. 57.9%) and counseling for mental or emotional problems (59.8% vs. 54.7%). See Appendix A Tables 3.2-3.3.

Knowledge and understanding of HMP cost-sharing requirements

Those with a chronic condition were more likely to know that contributions are charged monthly regardless of health care use (29.4% vs. 25.3%) and that some services have no copay (81.2% vs. 73.7%), and less likely to think they could be dropped for not paying their bill (30.4% vs. 35.4%). See Appendix A Tables 3.5, 3.7-3.8.

MI Health Account

Those with a chronic condition were more likely to report receiving a MI Health Account statement (74.3% vs. 66.2%). See Appendix A Table 3.14.

Financial and nonfinancial barriers to care

Out-of-pocket healthcare spending prior to HMP

Those with a chronic condition were more likely to report having problems paying medical bills in the 12 months prior to HMP enrollment (56.6% vs. 40.7%). See Appendix A Table 3.48.

Forgone care prior to and with HMP

Those with a chronic condition were more likely to report forgone care in the 12 months prior to HMP enrollment (38.0% vs. 31.3%). See Appendix A Table 3.24.

Those with a chronic condition were less likely to report forgone care due to cost in the past 12 months of HMP enrollment (17.2% vs. 28.3%). See Appendix A Table 3.27.1.

Views about and experiences with health care providers (especially primary care practitioners)

Regular source of care prior to and with HMP

Those with a chronic condition were more likely to report having a place they would usually go for a checkup, when they felt sick, or when they wanted advice about their health in the 12 months prior to HMP enrollment (80.1% vs. 71.6%). See Appendix A Table 4.52.

Those with a chronic condition were more likely to report that in the past 12 months of HMP enrollment there is a place they usually go when they need a checkup, feel sick, or want advice about their health (98.1% vs. 90.2%). Those with a chronic condition were less likely to report urgent care or the emergency room as their usual source of care in the last 12 months of HMP enrollment (3.5% and 1.3%, respectively, vs. 6.6% and 1.8%). See Appendix A Tables 4.54-4.55.

Primary care utilization prior to and with HMP

Survey respondents with a chronic condition were more likely to report they had seen a PCP in the year before HMP enrollment (46.1% vs. 38.2%). See Appendix A Table 4.60.

Those with a chronic condition were more likely to report that they have a PCP through their HMP coverage (80.2% vs. 61.4%). Survey respondents with a chronic condition were more likely to report that they saw their PCP in the past 12 months while enrolled in HMP (94.8% vs. 81.8%). Among survey respondents who reported not seeing their PCP in the past 12 months, those with a chronic condition were less likely to say they have not seen a PCP because they were healthy/didn't need to see a doctor (43.9% vs. 65.4%) and more likely to say they have not seen a PCP in the past 12 months because they don't like their doctor (11.3% vs. 3.1%). See Appendix A Tables 4.58, 4.61, 4.62.1, 4.62.4.

Perceived discrimination

Survey respondents with a chronic condition were more likely to report feeling judged or treated unfairly by medical staff in the past 12 months because of their race or ethnic background (5.1% vs. 2.1%). See Appendix A Table 3.31.1.

Knowledge about health and health risks, health behaviors, and engaged participation in care

Health behaviors and health education

Respondents with a chronic condition were more likely to report getting a flu shot last fall or winter (48.7% vs. 32.7%). See Appendix A Table 4.37.

Compared to those without a chronic condition, survey respondents with a chronic condition were:

- More likely to report exercising every day per week for at least 20 minutes (35.2% vs. 30.8%)
- Less likely to report exercising 3-6 days per week for at least 20 minutes (26.5% vs. 35.8%)
- More likely to report exercising 0 days per week for at least 30 minutes (22.7% vs. 17.0%)

See Appendix A Table 4.38.

Respondents with a chronic condition reported a mean of 8.2 days in the last month in which poor physical or mental health kept them from doing their usual activities, such as self-care,

work, or recreation, compared to a mean of 4.3 days reported by those without a chronic condition. See Appendix A Table 4.6.

Respondents with a chronic condition were more likely to report drinking sugary drinks zero days per week (35.5% vs. 24.7%). See Appendix A Table 4.39.

Respondents with a chronic condition were more likely to report talking with a health professional about exercise (65.2% vs. 43.1%) and diet and nutrition (65.6% vs. 44.5%) in the past 12 months. See Appendix A Tables 4.41-4.42.

Survey respondents with a chronic condition were more likely to report no days of unsafe alcohol use in the past week (84.6% vs. 78.9%). Among those who reported unsafe alcohol use in the past week, those with chronic condition were more likely to report talking to a health professional about safe alcohol use (40.5% vs. 27.8%). See Appendix A Tables 4.43-4.44.

Survey respondents with a chronic condition were more likely to report smoking or using tobacco in the past 30 days (42.1% vs. 36.3%). Among those who smoked or used tobacco in the past 30 days, those with a chronic condition were more likely to report wanting to quit (79.5% vs. 73.5%). Among those who smoked or used tobacco in the past 30 days, those with a chronic condition were more likely to report receiving advice or assistance from a health professional or health plan on how to quit in the past 12 months (70.0% vs. 47.8%). See Appendix A Tables 4.45-4.46, 4.48.

Among respondents who reported using drugs or medications for mood or to aid in relaxation sometimes or every day, those with a chronic condition were more likely to report speaking with a health professional about the use of these drugs or medications (55.7% vs. 28.6%). See Appendix A Table 4.51.

Health risk assessment (HRA)

Among respondents who reported completing the HRA because they got it in the mail or because they did it during enrollment on the phone, those with a chronic condition were more likely to report taking the form to their PCP (81.0% vs. 68.9%). See Appendix A Table 4.65.4.

Among respondents who reported completing the HRA, those with a chronic condition were:

- More likely to strongly agree or agree that the HRA was valuable for improving their health (88.7% vs. 82.0%)
- More likely to report choosing to work on at least one health behavior (87.6% vs. 78.3%)

See Appendix A Tables 4.66, 4.69.

Among respondents who reported choosing to work on at least one health behavior, those with a chronic condition were:

- More likely to choose to work on losing weight (13.9% vs. 8.6%) and monitoring their blood pressure or blood sugar (2.9% vs. 1.0%)
- More likely to report that their health care provider or health plan helped them work on this behavior (71.8% vs. 57.2%)

See Appendix A Tables 4.70.3, 4.70.9, 4.71.

Beneficiary decision-making about when, where and how to seek care

Care needs after hours

Survey respondents with a chronic condition were more likely to report that in the last 12 months there was a time when they needed help or advice when their usual clinic or doctor's office was closed (28.1% vs. 19.9%). See Appendix A Table 5.1.

Emergency room use with HMP

Survey respondents with a chronic condition were more likely to report going to a hospital emergency room (ER) for care in the past 12 months (48.3% vs. 34.0%). Among those who went to the ER in the past 12 months, respondents with a chronic condition were more likely to report feeling that the problem needed to be handled in the ER (90.9% vs. 80.5%). See Appendix A Tables 5.5-5.6.

Among respondents who did not try to contact their provider before going to the ER, those with a chronic disease were less likely to report that they get most of their care at the ER (13.8% vs. 22.1%), less likely to report that they needed to get care at a time that would not make them to miss school or work (19.4% vs. 29.4%), and more likely to report that they felt the problem was too serious for a doctor's office or clinic (71.3% vs. 60.9%). See Appendix A Tables 5.10.3-5.10.4, 5.10.6.

Contact with community health workers or other community resources

Social interactions

Survey respondents with a chronic condition were more likely to report that they get together socially with friends or relatives who live outside their home every month or less (37.9% vs. 29.8%) and more likely to report that the amount they are involved with their family, friends, and/or community is less than before they enrolled in HMP (6.8% vs. 3.6%). See Appendix A Tables 4.73-4.74.

Subgroup Analysis – Enrollees with mental and behavioral health conditions or substance use disorders

Below, we present results from chi-squared analyses comparing responses from the subgroup of respondents with a mental and behavioral health condition or substance use disorder as defined by HEDIS criteria using claims data (48.3% of all respondents, see Appendix A Table 2.1) to those without (see Appendix C). Significant differences between those with a mental and behavioral health condition or substance use disorder and those without are noted for demographics and topics outlined in the CMS Special Terms and Conditions.

Respondents with a mental and behavioral health condition or substance use disorder were more likely to be women, age 35-50, white, from the West/East Central/East region, unable to work, divorced, and a high ER utilizer. They were also more likely to have an income of 0-35% FPL, a self-reported chronic condition, a self-reported physical health condition, a self-reported mental health condition, a claims-based chronic disease based on HEDIS criteria, and to report needing help reading written materials often or always. Respondents with a mental and behavioral health condition or substance use disorder were less likely to be Arab, Chaldean, Middle Eastern, employed/self-employed, married, from an urban area, and a low outpatient care utilizer. The Detroit Metro region had the lowest proportion of respondents with a mental and behavioral health condition or substance use disorder. See Appendix A Table 2.7.

57.4% of those with a mental and behavioral health condition or substance use disorder reported on the survey that they had a mental health condition. Those with a mental and behavioral health condition or substance use disorder were more likely than other respondents to report fair or poor health (39.8% vs. 20.3%). See Appendix A Tables 2.7 and 4.1.

Health insurance literacy, and knowledge and understanding about the Healthy Michigan Plan

Knowledge and understanding of HMP coverage

Those with a mental and behavioral health condition or substance use disorder were more likely to report that HMP covers eyeglasses (64.3% vs. 56.8%) and counseling for mental or emotional problems (69.2% vs. 43.6%). See Appendix A Tables 3.2-3.3.

Knowledge and understanding of HMP cost-sharing requirements

Those with a mental and behavioral health condition or substance use disorder were more likely to know that some services have no copay (80.5% vs. 71.0%). See Appendix A Table 3.8.

Financial and nonfinancial barriers to care

Out-of-pocket healthcare spending prior to HMP

Those with a mental and behavioral health condition or substance use disorder were more likely to report having problems paying medical bills in the 12 months prior to HMP enrollment (52.1% vs. 37.8%). Of those who reported having problems paying their medical bills, those with a mental and behavioral health condition or substance use disorder were more likely to report being contacted by a collections agency (71.9% vs. 61.1%). See Appendix A Tables 3.48-3.49.

Forgone care prior to and with HMP

Those with a mental and behavioral health condition or substance use disorder were more likely to report forgone care in the 12 months prior to HMP enrollment (38.2% vs. 28.1%). See Appendix A Table 3.24.

Those with a mental and behavioral health condition or substance use disorder were more likely to report unmet medical or dental need in the past 12 months of HMP enrollment (17.9% vs. 13.6%). See Appendix A Table 3.26.

Challenges using HMP coverage

Those with a mental and behavioral health condition or substance use disorder were more likely to report that they had questions or problems using their HMP coverage (17.4% vs. 13.8%). See Appendix A Table 3.15.

Views about and experiences with health care providers (especially primary care practitioners)

Regular source of care prior to and with HMP

Those with a mental and behavioral health condition or substance use disorder were more likely to report having a place they would usually go for a checkup, when they felt sick, or when they wanted advice about their health in the 12 months prior to HMP enrollment (76.2% vs. 71.5%). See Appendix A Table 4.52.

Those with a mental and behavioral health condition or substance use disorder were more likely to report that in the past 12 months of HMP enrollment there is a place they usually go when they need a checkup, feel sick, or want advice about their health (95.5% vs. 89.1%). Those with a mental and behavioral health condition or substance use disorder were less likely to report urgent care or the emergency room as their usual source of care in the last 12 months of HMP enrollment (4.5% and 1.4%, respectively, vs. 7.0% and 2.0%). See Appendix A Tables 4.54-4.55.

Primary care utilization with HMP

Survey respondents with a mental and behavioral health condition or substance use disorder were more likely to report that they saw their PCP in the past 12 months while enrolled in HMP (91.6% vs. 79.0%). Those with a mental and behavioral health condition or substance use disorder were more likely than other respondents to report that it was difficult or very difficult to get an appointment to see their PCP (9.1% vs. 4.9%). Among survey respondents who reported not seeing their PCP in the past 12 months, those with a mental and behavioral health condition or substance use disorder were less likely to report that the reason was no transportation (2.0% vs. 6.8%) and more likely to report some other reason (46.4% vs. 24.6%). See Appendix A Tables 3.29, 4.61, 4.62.3, 4.62.8.

Perceived discrimination

Survey respondents with a mental and behavioral health condition or substance use disorder were more likely to report feeling judged or treated unfairly by medical staff in the past 12 months because of their race or ethnic background (4.0% vs. 1.8%) and because of their ability to

pay for care or the type of health insurance they have (14.9% vs. 8.5%). See Appendix A Tables 3.31.1, 3.31.3.

Beneficiary decision-making about when, where and how to seek care

Care needs after hours

Survey respondents with a mental and behavioral health condition or substance use disorder were more likely to report that in the last 12 months there was a time when they needed help or advice when their usual clinic or doctor's office was closed (29.9% vs. 14.5%). Among those who needed help or advice when their usual clinic or doctor's office was closed, those with a mental and behavioral health condition or substance use disorder were more likely to report trying to contact their provider's office after they were closed to get help or advice (50.5% vs. 39.5%). See Appendix A Tables 5.1-5.2.

Emergency room use with HMP

Survey respondents with a mental and behavioral health condition or substance use disorder were more likely to report going to a hospital emergency room for care in the past 12 months (49.2% vs. 26.8%). Among respondents who did try to contact their provider before going to the ER, those with a mental and behavioral health condition or substance use disorder were more likely to report that they ended up going to the ER because they could not get an appointment soon enough (10.1% vs. 4.3%). Among respondents who did not try to contact their provider before going to the ER, those with a mental and behavioral health condition or substance use disorder were more likely to report that they arrived at the ER by ambulance or other emergency vehicle (25.1% vs. 12.4%) and that they felt the problem was too serious for a doctor's office or clinic (67.6% vs. 59.0%). See Appendix A Tables 5.5, 5.9.5, 5.10.1, 5.10.4.

Contact with community health workers or other community resources

Social interactions

Survey respondents with a mental and behavioral health condition or substance use disorder were more likely to report that they get together socially with friends or relatives who live outside their home every month or less (37.9% vs. 26.2%). Survey respondents with a mental and behavioral health condition or substance use disorder were more likely to report that the amount they were involved with their family, friends, and/or community since enrolling in HMP had increased (18.4% vs. 12.0%). See Appendix A Tables 4.73-4.74.

Individual and Community Factors Analysis

Below, we present results from mixed effects regression analyses, to identify individual and community factors associated with Healthy Michigan Plan enrollees': health literacy; knowledge and understanding about the Healthy Michigan Plan; knowledge about health and health risks, health behaviors and engaged participation in care; and decision making about when, where and how to seek care.

The following individual factors were included in these analyses: age, gender, race, ethnicity, FPL, insurance status prior to HMP, previous Medicaid enrollment, employment status, health literacy, PCP visit in the past 12 months of HMP enrollment, self-reported chronic disease status, any days of poor physical health, and any days of poor mental health. The source for these measures were enrollee responses to the 2016 *Healthy Michigan Voices* Enrollee Survey. For this analysis, “Don’t know” responses were recoded as missing for these variables.

The following community factors were included in these analyses: percent of population with high school degree or equivalent, percent of population with college degree, percent of population below poverty level, percent of population uninsured before ACA, percent of population with Medicaid coverage before ACA, percent of population with limited English proficiency, percent of population unemployed, percent of households receiving food stamps/SNAP benefits, number of liquor stores, percent of households without car access, ratio of PCPs to the population, preventable hospitalization rate, violent crime rate, injury death rate, and drug overdose mortality rate. Please see Appendix C for more information about these measures.

For these analyses of multivariate relationships, the types of analysis, models, variables included and how they were defined or measured are included in Appendices B and C of this report. The specific tests are described in the table footnotes.

Health Literacy

- Men, those of other or more than one race, those 0-35% FPL and those with a chronic condition were more likely to say they needed help reading written materials.
- Those who reported having no insurance or Medicaid insurance in the year prior to enrollment were more likely to say they needed help with written materials.

Knowledge and understanding of HMP

- Women, African-Americans, those who reported seeing a PCP in the past year and those with chronic conditions had a better understanding of HMP coverage.
- Respondents 0-35% FPL and those who lived in zip codes in the middle tertile of percent <100% FPL were less likely to understand HMP cost-sharing.

Health behaviors

- Men, respondents 19-35 years old and those who reported one or more poor mental health days in the past month reported greater frequency of drinking sugar-containing beverages.
- Respondents living in zip codes in the top two tertiles of food stamp recipients, and those with fewer primary care physicians per capita also reported greater frequency of drinking sugar-sweetened beverages.
- Women and those reporting one or more days of poor mental health in the past month reported lower frequencies of exercise.
- Respondents between 51-64 years or employed reported greater frequency of exercise.
- Those living in zip codes in the lowest tertile of unemployment, or in the highest two tertiles of liquor store presence, reported exercising less frequently.

- Men, younger respondents and those reporting one or more poor mental health days in the past month reported eating fruits and vegetables less often. Hispanic respondents reported eating fruits and vegetables more frequently.
- Those who lived in zip codes in the middle tertile of food stamp recipients reported eating fruits and vegetables less frequently than those in the lowest tertile.
- Men, African-Americans, and employed respondents reported more frequent unhealthy alcohol consumption.
- Respondents 19-35 years old or with lower health literacy reported less frequent unhealthy alcohol consumption.
- Respondents who were older, male, had lower incomes, reported one or more days of poor physical or mental health in the past month or no PCP visit in the past year were more likely to report using tobacco.
- Respondents who lived in zip codes in the middle tertile of unemployment were more likely to report tobacco use than those in the lowest tertile.

Beneficiary decision-making about when, where and how to seek care

- Respondents were more likely to report an ER visit in the past year if they were female, lower income, had insurance coverage for 6-11 months of the year prior to enrollment in HMP, or lived in zip codes in the highest tertile of poverty.
- Respondents were more likely to say they would contact their doctor prior to going to the ER if they were older, female, lacked insurance at all during the year prior to enrollment in HMP, and had seen their PCP in the past year.
- Those who lived in counties with the highest rates of preventable hospitalizations were less likely to say they would call their doctor before going to the ER.

Limitations

As with any survey, HMP responses may be biased by social desirability. While the survey was available in three languages, it was not available in all languages spoken by enrollees; however, only 36 sampled enrollees were deemed ineligible for this reason. While many measures were based on those used in large national surveys, some questions were newly developed specifically to assess enrollee perspectives on key features of the HMP program. In addition, this survey was cross-sectional; longitudinal follow-up surveys are planned for 2017 and 2018.

Bivariate analyses may find relationships between variables that are due to confounding and should be interpreted with caution.

Lessons Learned

Several lessons were learned in the process of conducting outreach to Healthy Michigan Plan enrollees for recruiting them to the *Healthy Michigan Voices* survey:

To meet the needs of enrollees who are more comfortable speaking Spanish or Arabic, sampling lists were reviewed for names that suggest Hispanic or Arabic ethnicity so that bilingual interviewers could place those calls. Comments from survey respondents indicated that this

strategy helped put enrollees at ease about the project (e.g., “I only did the survey because you speak Arabic.”)

In the initial HMP survey, many enrollees offered descriptions and anecdotes not captured by fixed-choice or brief response items used with the computer-assisted telephone interview system. For subsequent waves, we have asked enrollees if their interview could be recorded and nearly all have agreed, providing additional details about the enrollee experience in a more open-ended fashion.

To enhance the response rate, the introductory mailing included multiple options for enrollees to report their willingness to participate (email, postcard or call-in to schedule appointment or suggest best time of day). Call-outs were made from late morning to mid-evening; staffing was increased for certain days/times that yielded the most interviews.

Enrollees who completed the HMP survey were mailed a gift card to compensate them for their time answering the survey questions. Initially, the gift card envelope included the standard gift card vendor insert – two dense pages of small print and technical language. After receiving numerous call-ins to report problems using the gift card, we added a brief “How to Use Your Gift Card” summary with clear bullet points in simple language. The same message in Spanish or Arabic was added to the summary for enrollees who completed the survey in those languages.

Conclusions

More than half of respondents did not have insurance at any time in the year before enrolling in HMP and half of those who did have insurance were covered by Medicaid or another state program. HMP does not appear to be replacing employment-provided health insurance for most enrollees.

HMP has greatly improved access to care for most enrollees. More than one-third of respondents reported not getting the care they needed in the year before enrolling in HMP and most respondents reported that their ability to get care had improved since enrolling in HMP. Forgone care, usually due to cost, lessened considerably after HMP enrollment. Over half of respondents reported better access to primary care, help with staying healthy, and cancer screening. A majority of respondents strongly agreed or agreed that without HMP they would not be able to go to the doctor.

Similarly, HMP lessened financial burdens from health care, with most respondents reporting that their problems paying medical bills had gotten better since enrolling in HMP. Most respondents across all income groups agreed that the amount they pay overall for HMP seems fair and is affordable.

More than two-thirds of respondents recalled receiving a MI Health Account statement, which the vast majority felt helped them be more aware of the costs of their care. Further, most respondents reported being likely to engage in a range of cost-conscious behaviors such as

talking with a doctor about the costs of a service, or checking how much they would have to pay for a service before receiving it.

There were some areas in which enrollee understanding of their coverage and cost-sharing requirements could improve. For example, many respondents were not aware that HMP covers dental visits, eyeglasses, counseling for mental health problems, and brand name prescription drugs. Additionally, most respondents were not aware that they could not be disenrolled from HMP for failing to pay their bills.

The HMP emphasis on primary care appears to have shifted much care-seeking from acute care settings to primary care settings. The percentage of enrollees who had a place they usually went for health care increased with HMP to over 90%, and naming the emergency room as a regular source of care declined significantly after enrolling in HMP (from 16.2% to 1.7%). For unscheduled health needs, some HMP enrollees sought advice from their regular source of care prior to seeking care, the majority of whom were referred to the emergency room. Two-thirds said they were more likely since enrolling in HMP to call their usual provider before going to the emergency department.

About half of respondents reported completing an HRA, bearing in mind the limits to self-reported data. They rarely reported completing it because of incentives to reduce cost-sharing. Most HMP enrollees who completed the HRA believed it was beneficial and reported receiving help from their PCP or health plan on a healthy behavior. The HMP emphasis on health risk reduction, combined with its emphasis on primary care, appears to create opportunities for improving enrollees' long-term health.

HMP may influence enrollees' ability to obtain or maintain employment, as many HMP enrollees reported improved functioning, ability to work, and job seeking after obtaining health insurance through Medicaid expansion.

Many HMP enrollees reported improved access to dental care and improved oral health, although about one-quarter of enrollees were unaware that they had HMP dental coverage, and the most common type of care forgone due to cost was dental care. Increasing enrollee awareness of coverage for dental services has the potential to improve oral and overall health.

Chronic health conditions were common among HMP enrollees. Almost half of those with chronic conditions reported a condition had been newly diagnosed since enrolling in HMP. Those with chronic health conditions had, with some exceptions, reported better health behaviors than those without and reported receiving more help with improving their health risks.

Nearly all of those with chronic conditions or mental health or substance use disorders had a PCP visit in the previous year.

Despite the relatively short duration of their enrollment in HMP at the time of the survey, nearly half of respondents said their physical health had gotten better and about 40% said their emotional and mental health and oral health had gotten better since enrolling. These

improvements underscore the impact of HMP on enrollees' health and well-being in addition to its effects on their ability to access needed care.

2016 Healthy Michigan Voices Enrollee Survey

Appendix A

Tables for Special Terms and Conditions

Aims 1 - 3 and Subgroup Analyses

Contents

1	How to read the tables	8
1.1	Question asked for the corresponding table will be shown here	8
2	Demographics Tables	9
2.1	Main Demographics Table	9
2.2	Demographics Table by FPL Group	12
2.3	Demographics Table by Region	16
2.4	Demographics Table based on PCP/Outpatient Utilization	22
2.5	Demographics Table based on ER Utilization	27
2.6	Demographics Table by Presence of a Chronic Disease (HEDIS)	32
2.7	Demographics Table by Presence of a Mental Health or Substance Use Disorder (HEDIS)	37
3	AIM 1: Knowledge and understanding of Healthy Michigan Plan coverage	42
3.1	Q: My Healthy Michigan Plan covers routine dental visits.	42
3.2	Q: My Healthy Michigan Plan covers eyeglasses.	43
3.3	Q: My Healthy Michigan Plan covers counseling for mental or emotional problems.	44
3.4	Q: Only generic medicines are covered by my Healthy Michigan Plan.	45
3.5	Q: Contributions are what I am charged every month for Healthy Michigan Plan coverage even if I do not use any health care.	46
3.6	Q: There is no limit or maximum on the amount I might have to pay in copays or contributions.	47
3.7	Q: I could be dropped from the Healthy Michigan Plan for not paying my bill.	48
3.8	Q: Some kinds of visits, tests and medicines have no copays.	49
3.9	Q: I may get a reduction in the amount I might have to pay if I complete a Health Risk Assessment.	50
3.10	Q: Information about the healthy behavior rewards that I can earn has led me to do something I might not have done otherwise.	51
3.11	Q: The amount I have to pay overall for the Healthy Michigan Plan seems fair.	52
3.12	Q: The amount I pay for the Healthy Michigan Plan is affordable.	53
3.13	Q: I'd rather take some responsibility to pay something for my health care than not pay anything.	54
3.14	Q: Have you received a bill or statement from the state that showed the services you received and how much you owe for the Healthy Michigan Plan?	55
3.15	Q: Have you had any questions or problems using your Healthy Michigan Plan insurance?	56
3.16	Q: Did anyone give you help or advice?	57
3.17	Q: Who helped you?	58
3.17.1	Healthy Michigan Plan Help- Helpline (undistinguished)	58
3.17.2	Healthy Michigan Plan Help- Healthy Michigan Plan beneficiary hotline	59
3.17.3	Healthy Michigan Plan Help- Health plan hotline	60
3.17.4	Healthy Michigan Plan Help- Friend or relative	61
3.17.5	Healthy Michigan Plan Help- Community health worker	62
3.17.6	Healthy Michigan Plan Help- Someone at my doctor's office	63
3.17.7	Healthy Michigan Plan Help- Other	64
3.17.8	Healthy Michigan Plan Help- Don't know	65
3.17.9	Healthy Michigan Plan Help- Refused	66
3.18	Q: Did you get an answer or solution to your question(s)?	67
3.19	Q: It is very important to me personally to have health insurance.	68
3.20	Q: I don't worry as much about something bad happening to my health since enrolling in the Healthy Michigan Plan.	69
3.21	Q: Having the Healthy Michigan Plan has taken a lot of stress off me.	70
3.22	Q: Without the Healthy Michigan Plan, I wouldn't be able to go to the doctor.	71
3.23	Q: Having the Healthy Michigan Plan has helped me live a better life.	72
3.24	Q: In the 12 months before enrolling in the Healthy Michigan Plan, was there any time when you didn't get the health care you needed?	73
3.25	Q: Why didn't you get the care you needed?	74
3.25.1	Did not get needed care- Worried about the cost	74
3.25.2	Did not get needed care- Did not have health insurance	75
3.25.3	Did not get needed care- Doctor or hospital would not accept the insurance	76
3.25.4	Did not get needed care- Plan wouldn't pay for the treatment	77
3.25.5	Did not get needed care- Couldn't get an appointment soon enough	78
3.25.6	Did not get needed care- Didn't have transportation	79

3.25.7	Did not get needed care- No doctor	80
3.25.8	Did not get needed care- Care wasn't sufficient or of poor quality	81
3.25.9	Did not get needed care- Don't know	82
3.25.10	Did not get needed care- Refused	83
3.26	Q: In the last 12 months, was there any time when you didn't get the medical or dental care you needed?	84
3.27	Q: Why didn't you get the care you needed?	85
3.27.1	Unmet need- Worried about cost	85
3.27.2	Unmet need- Did not have health insurance	86
3.27.3	Unmet need- Doctor or hospital would not accept	87
3.27.4	Unmet need- Plan wouldn't pay	88
3.27.5	Unmet need- Couldn't get an appointment soon enough	89
3.27.6	Unmet need- Didn't have transportation	90
3.27.7	Unmet need- Other	91
3.27.8	Unmet need- No doctor	92
3.27.9	Unmet need- Care wasn't sufficient or of poor quality	93
3.27.10	Unmet need- Don't know	94
3.27.11	Unmet need- Refused	95
3.28	Q: Was there any time in the last 12 months when you needed or wanted any of the following but could not afford it?	96
3.28.1	Could not afford- Checkup, physical, or wellness visit	96
3.28.2	Could not afford- To see a specialist	97
3.28.3	Could not afford- Mental health care or counseling	98
3.28.4	Could not afford- Substance use treatment services	99
3.28.5	Could not afford- Prescription medication	100
3.28.6	Could not afford- Dental care	101
3.28.7	Could not afford- Other	102
3.28.8	Could not afford- None	103
3.28.9	Could not afford- Don't know	104
3.28.10	Could not afford- Refused	105
3.29	Q: In the last 12 months, when you felt sick or wanted advice about your health, how easy or difficult was it to get an appointment to see your primary care provider?	106
3.30	Q: What made it difficult?	107
3.30.1	PCP Appointment difficult- Could not get through on the telephone	107
3.30.2	PCP Appointment difficult- Could not get an appointment soon enough	108
3.30.3	PCP Appointment difficult- Inconvenient hours	109
3.30.4	PCP Appointment difficult- No transportation	110
3.30.5	PCP Appointment difficult- Other	111
3.30.6	PCP Appointment difficult- Don't know	112
3.30.7	PCP Appointment difficult- Refused	113
3.31	Q: In the last 12 months, have you ever felt that a doctor or medical staff judged you unfairly or treated you with disrespect because of:	114
3.31.1	Discrimination due to race	114
3.31.2	Discrimination due to English speaking ability	115
3.31.3	Discrimination due to insurance	116
3.32	Q: Would you say that your ability to get care through the Healthy Michigan Plan is better, worse, or about the same compared to before?	117
3.32.1	Access to primary care	117
3.32.2	Access to specialty care	118
3.32.3	Access to dental care	119
3.32.4	Access to mental health care	120
3.32.5	Access to substance use treatment services	121
3.32.6	Access to prescription medications	122
3.32.7	Access to cancer screenings	123
3.32.8	Access to preventive care	124
3.32.9	Access to birth control/family planning services	125
3.33	Q: The amount I might have to pay for my prescription influences my decisions about filling prescriptions.	126
3.34	Q: Please tell me how likely you are to do the following:	127
3.34.1	Likely to find out how much a service costs before getting it	127
3.34.2	Likely to talk with doctor about how much different health care options will cost	128
3.34.3	Likely to look for cheaper options	129

3.34.4	Likely to check reviews	130
3.35	Q: For the following statements, do you strongly agree, agree, are neutral, disagree, or strongly disagree.	131
3.35.1	Carefully review MIHA statement	131
3.35.2	MIHA statements help me be aware of cost of health care	132
3.35.3	Information on MIHA statement led me to change some of my decisions about health care	133
3.36	Q: What is your current job status?	134
3.37	Q: In the past 12 months, about how many days did you miss school because of illness or injury (do not include maternity leave)?	135
3.38	Q: Compared to the 12 months before this time, was this more, less, or about the same?	136
3.39	Q: In the past 12 months, about how many days did you miss work because of illness or injury (do not include maternity leave)?	137
3.40	Q: Compared to the 12 months before this time, was this more, less, or about the same?	138
3.41	Q: Has getting health insurance through the Healthy Michigan Plan helped you do a better job at work?	139
3.42	Q: Have you changed jobs in the last 12 months?	140
3.43	Q: How much do you agree or disagree with the following statement: Having health insurance through the Healthy Michigan Plan helped me get a better job.	141
3.44	Q: How much do you agree or disagree with the following statement: Having health insurance through the Healthy Michigan Plan has made me better able to look for a job.	142
3.45	Q: In the past 12 months, about how many days were you unable to do your activities because of illness or injury?	143
3.46	Q: Compared to the 12 months before this time, was this more, less, or about the same?	144
3.47	Q: During the 12 months before you were enrolled in the Healthy Michigan Plan, about how much did you spend out-of-pocket for your own medical and dental care?	145
3.48	Q: In the 12 months before enrolling in the Healthy Michigan Plan, did you have problems paying medical bills?	146
3.49	Q: Have you been contacted by a collections agency?	147
3.50	Q: Have you thought about filing for bankruptcy?	148
3.51	Q: Did you file for bankruptcy?	149
3.52	Q: In the last 12 months, about how much did you spend out-of-pocket for your own medical and dental care?	150
3.53	Q: Since enrolling in the Healthy Michigan Plan, have your problems paying medical bills gotten worse, stayed the same, or gotten better?	151
4	AIM 2: Self-reported changes in health status, health behaviors, and facilitators and barriers to healthy behaviors, and strategies that facilitate or challenge improvements in health behaviors	152
4.1	Q: In general, would you say your health is:	153
4.2	Q: How many days in the past 30 days was your physical health not good?	154
4.3	Q: Overall, since you enrolled in the Healthy Michigan Plan, would you say your physical health has gotten better, stayed the same, or gotten worse?	155
4.4	Q: How many days in the past 30 days was your mental health not good?	156
4.5	Q: Overall, since you enrolled in the Healthy Michigan Plan, would you say your mental and emotional health has gotten better, stayed the same, or gotten worse?	157
4.6	Q: During the past 30 days, for how many days did poor physical or mental health keep you from doing your usual activities, such as self-care, work, or recreation?	158
4.7	Q: Thinking about your dental health, since you enrolled in the Healthy Michigan Plan, has the health of your teeth and gums gotten better, stayed the same, or gotten worse?	159
4.8	Q: How tall are you without shoes (in inches)?	160
4.9	Q: How much do you weigh without shoes?	161
4.10	Q: Compared to 12 months ago, how would you describe your weight?	162
4.11	Q: Has a doctor or other health professional ever told you that you had hypertension?	163
4.12	Q: Did you find out you had hypertension before or after you enrolled in the Healthy Michigan Plan?	164
4.13	Q: Has a doctor or other health professional ever told you that you had a heart condition or heart disease?	165
4.14	Q: Did you find out you had a heart condition or heart disease before or after you enrolled in the Healthy Michigan Plan?	166
4.15	Q: Has a doctor or other health professional ever told you that you had diabetes or sugar diabetes (other than during pregnancy)?	167
4.16	Q: Did you find out you had diabetes or sugar diabetes before or after you enrolled in the Healthy Michigan Plan?	168
4.17	Q: Has a doctor or other health professional ever told you that you had cancer (other than skin cancer)?	169
4.18	Q: Did you find out you had cancer (other than skin cancer) before or after you enrolled in the Healthy Michigan Plan?	170

4.19	Q: Has a doctor or other health professional ever told you that you had a mood disorder?	171
4.20	Q: Did you find out you had a mood disorder before or after you enrolled in the Healthy Michigan Plan?	172
4.21	Q: Has a doctor or other health professional ever told you that you had a stroke?	173
4.22	Q: Did you find out you had a stroke before or after you enrolled in the Healthy Michigan Plan?	174
4.23	Q: Has a doctor or other health professional ever told you that you had asthma?	175
4.24	Q: Did you find out you had asthma before or after you enrolled in the Healthy Michigan Plan?	176
4.25	Q: Has a doctor or other health professional ever told you that you had chronic bronchitis, COPD, or emphysema?	177
4.26	Q: Did you find out you had chronic bronchitis, COPD, or emphysema before or after you enrolled in the Healthy Michigan Plan?	178
4.27	Q: Has a doctor or other health professional ever told you that you had a substance use disorder?	179
4.28	Q: Did you find out you had a substance use disorder before or after you enrolled in the Healthy Michigan Plan?	180
4.29	Q: Has a doctor or other health professional ever told you that you had any other health condition that can be controlled but not cured?	181
4.30	Q: Did you find out you had any other health condition that can be controlled but not cured before or after you enrolled in the Healthy Michigan Plan?	182
4.31	Respondents with at least one physical health condition present	183
4.32	Respondents with at least one mental health condition present	184
4.33	Respondents with any chronic health condition present	185
4.34	Respondents with both a chronic physical and mental health condition present	186
4.35	Respondents with any new diagnoses since Healthy Michigan Plan enrollment	187
4.36	Respondents number of days physical or mental health kept from activity	188
4.37	Q: Since July 1, 2015, have you had a flu vaccine?	189
4.38	Q: In the last 7 days, how many days did you exercise for at least 20 minutes?	190
4.39	Q: In the last 7 days, how many days did you drink sugary drinks like soda or pop, sweetened fruit drinks, sports drinks, or energy drinks? (Do not include diet soda)	191
4.40	Q: In the last 7 days, how many days did you eat 3 or more servings of fruits or vegetables in a day?	192
4.41	Q: In the last 12 months, has a doctor, nurse, or other health professional talked with you about exercise?	193
4.42	Q: In the last 12 months, has a doctor, nurse, or other health professional talked with you about diet and nutrition?	194
4.43	Q: In the last 7 days, how many days did you have (5 or more for men, 4 or more for women) alcoholic drinks?	195
4.44	Q: In the last 12 months, has a doctor, nurse, or other health professional talked with you about safe alcohol use?	196
4.45	Q: In the last 30 days have you smoked or used tobacco?	197
4.46	Q: Do you want to quit smoking or using tobacco?	198
4.47	Q: Are you working on cutting back or quitting right now?	199
4.48	Q: In the last 12 months, did you receive any advice or assistance from a health professional or your health plan on how to quit smoking?	200
4.49	Q: In the last 30 days, have you used drugs or medications to affect your mood or help you relax? This includes prescription drugs taken differently than how you were told to take them, as well as street drugs.	201
4.50	Q: How often?	202
4.51	Q: In the last 12 months, has a doctor, nurse, or other health professional talked with you about your use of these drugs or medications?	203
4.52	Q: In the 12 months before enrolling in the Healthy Michigan Plan, was there a place that you usually would go for checkups, when you felt sick, or when you wanted advice about your health?	204
4.53	Q: What kind of a place was it?	205
4.54	Q: In the last 12 months, is there a place you usually go when you need a checkup, feel sick, or want advice about your health?	206
4.55	Q: What kind of a place was it?	207
4.56	Q: Is this the same place that you went to before you enrolled in the Healthy Michigan Plan?	208
4.57	Q: Is this your primary care provider for your Healthy Michigan Plan coverage?	209
4.58	Q: Do you have a primary care provider through your Healthy Michigan Plan coverage?	210
4.59	Q: Did you choose your primary care provider or did your health plan assign you to one?	211
4.60	Q: Before you enrolled in the Healthy Michigan Plan, about how long had it been since you had a primary care visit?	212
4.61	Q: Have you seen your primary care provider in the past 12 months?	213
4.62	Q: Why have you not seen your primary care provider?	214
4.62.1	Not seen PCP- Healthy/did not need to see a doctor	214
4.62.2	Not seen PCP- Could not get an appointment	215

4.62.3	Not seen PCP- Transportation difficulties/too far	216
4.62.4	Not seen PCP- Do not like doctor/staff	217
4.62.5	Not seen PCP- See a specialist instead	218
4.62.6	Not seen PCP- Inconvenient hours	219
4.62.7	Not seen PCP- Do not like doctors in general	220
4.62.8	Not seen PCP- Other	221
4.62.9	Not seen PCP- Don't know	222
4.62.10	Not seen PCP- Refused	223
4.63	Q: Did you and the primary care provider talk about things you can do to be healthy and prevent medical problems?	224
4.64	Q: Do you remember completing the Health Risk Assessment?	225
4.65	Q: What led you to complete it?	226
4.65.1	Completed HRA- PCP suggested it	226
4.65.2	Completed HRA- Got it in mail	227
4.65.3	Completed HRA- At enrollment on the phone	228
4.65.4	Q: Did you take the form to your primary care provider?	229
4.65.5	Completed HRA- Gift card/money/reward	230
4.65.6	Completed HRA- Health plan suggested	231
4.65.7	Completed HRA- To save money on copays/cost sharing	232
4.65.8	Completed HRA- To stay on top of my health	233
4.65.9	Completed HRA- Other	234
4.65.10	Completed HRA- Don't know	235
4.65.11	Completed HRA- Refused	236
4.66	Q: I think doing the Health Risk Assessment was valuable for me to improve my health.	237
4.67	Q: I think doing the Health Risk Assessment was helpful for my primary care provider to understand my health needs.	238
4.68	Q: I know what I need to do to be healthy, so the Health Risk Assessment wasn't that helpful.	239
4.69	Q: After going through the Health Risk Assessment, or at a primary care visit, did you choose to work on a healthy behavior or do something good for your health?	240
4.70	Q: What did you choose to do?	241
4.70.1	HRA behavior- Exercise/activity	241
4.70.2	HRA behavior- Nutrition/diet	242
4.70.3	HRA behavior- Lose weight	243
4.70.4	HRA behavior- Reduce/quit tobacco use	244
4.70.5	HRA behavior- Flu shot	245
4.70.6	HRA behavior- Reduce/quit alcohol consumption	246
4.70.7	HRA behavior- Treatment for substance use disorder	247
4.70.8	HRA behavior- Take medicine regularly	248
4.70.9	HRA behavior- Monitor my blood pressure/blood sugar	249
4.70.10	HRA behavior- Go to the dentist	250
4.70.11	HRA behavior- Follow up appointment for chronic disease	251
4.70.12	HRA behavior- Other	252
4.70.13	HRA behavior- Don't know	253
4.70.14	HRA behavior- Refused	254
4.71	Q: Did your health care provider or health plan help you work on this healthy behavior?	255
4.72	Q: Was there help that you wanted that you didn't get?	256
4.73	Q: How often do you get together socially with friends or relatives who live outside your home?	257
4.74	Q: Since enrolling in the Healthy Michigan Plan, are you involved with your family, friends or community more/less/about the same?	258
5	AIM 3: To understand enrollee decisions about when, where and how to seek care, including decisions about emergency department utilization	259
5.1	Q: In the last 12 months, was there a time when you needed help or advice when your usual clinic or doctor's office was closed?	259
5.2	Q: In the most recent case, did you try to contact your provider's office after it was closed to get help or advice?	260
5.3	Q: Were you able to talk to someone?	261
5.4	Q: Why didn't you try to contact your provider's office?	262
5.4.1	No attempt to contact provider's office because- It was closed	262
5.4.2	No attempt to contact provider's office because- Felt it was an emergency	263
5.4.3	No attempt to contact provider's office because- Decided to wait and see if conditions resolved	264

5.4.4	No attempt to contact provider's office because- Unsure how to contact provider	265
5.4.5	No attempt to contact provider's office because- Other	266
5.4.6	No attempt to contact provider's office because- Don't know	267
5.4.7	No attempt to contact provider's office because- Refused	268
5.5	Q: During the past 12 months, did you go to a hospital emergency room about your own health (whether or not you were admitted overnight)?	269
5.6	Q: Thinking about the last time you were at the emergency room, did you think your problem needed to be handled in the emergency room?	270
5.7	Q: Thinking about the last time you were at the emergency room, did you try to contact your usual provider's office before going to the emergency room?	271
5.8	Q: Did you talk to someone?	272
5.9	Q: Why did you end up going to the ER?	273
5.9.1	Went to ER because- No response from provider	273
5.9.2	Went to ER because- Provider said to go to the ER	274
5.9.3	Went to ER because- Provider's advice wasn't helpful	275
5.9.4	Went to ER because- Symptoms did not improve or got worse	276
5.9.5	Went to ER because- Could not get an appointment soon enough	277
5.9.6	Went to ER because- Other	278
5.9.7	Went to ER because- Don't know	279
5.9.8	Went to ER because- Refused	280
5.10	Q: Which of these were true of this particular ER visit?	281
5.10.1	Arrived to emergency room by ambulance	281
5.10.2	Emergency room is closest place	282
5.10.3	Get most care at the emergency room	283
5.10.4	Problem was too serious for doctor's office	284
5.10.5	Doctor's office or clinic was not open	285
5.10.6	Needed care at a time that would not make you miss work or school	286
5.10.7	Other reason for not contacting usual provider before going to the emergency room	287
5.11	Q: Compared to before you had the Healthy Michigan Plan, how likely are you to contact your usual doctor's office before going to the emergency room?	288

1 How to read the tables

1.1 Question asked for the corresponding table will be shown here

Universe: The ‘universe’ tells you which respondents answered the question.

	Variable of Interest								Total Column Row%
	Response Option 1		Response Option 2		Response Option 3		Response Option 4		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category									
0-35% (n=772)	2.3	[1,3,4.0]	12.0	[9,4,15.2]	84.4	[80,9,87.4]	1.2	[0,5,3.1]	100.0
36-99% (n=641)	2.4	[1,4,4.0]	8.8	[6,1,12.4]	88.3	[84,6,91.2]	0.5	[0,2,1.3]	100.0
≥ 100% (n = 456)	3.9	[2,1,6.9]	8.9	[6,4,12.3]	86.9	[82,9,90.1]	0.3	[0,0,2.3]	100.0
Pearson: Uncorrected chi2(6) =	11.0315								
Design-based F(5.68, 10542.54) =	1.4657	Pr =	0.189						
Region									
UP/NW/NE (n=354)	3.8	[2,1,6.8]	10.8	[7,7,14.9]	84.6	[79,9,88.4]	0.8	[0,3,2.8]	100.0
W/E Central/E (n=564)	1.8	[1,0,3.4]	9.0	[6,5,12.3]	88.6	[85,1,91.3]	0.6	[0,2,1.9]	100.0
S Central/SW/SE (n=407)	2.9	[1,3,6.2]	8.3	[5,8,11.9]	87.6	[83,3,91.0]	1.1	[0,4,3.6]	100.0
Detroit Metro (n=544)	2.8	[1,6,4.7]	12.6	[9,4,16.6]	83.7	[79,4,87.3]	0.9	[0,2,3.6]	100.0
Pearson: Uncorrected chi2(9) =	10.0786								
Design-based F(7.48, 13888.33) =	0.8540	Pr =	0.549						
Low healthcare utilizers									
Yes (n=165)	2.8	[1,1,6.8]	18.6	[11,8,28.1]	75.7	[65,7,83.5]	2.9	[0,6,13.0]	100.0
No (n=1,704)	2.6	[1,8,3.7]	9.6	[7,9,11.5]	87.2	[85,0,89.1]	0.6	[0,3,1.3]	100.0
Pearson: Uncorrected chi2(3) =	28.1189								
Design-based F(2.71, 5037.91) =	4.2633	Pr =	0.007						
High ER utilizers									
Yes (n=106)	2.7	[1,0,7.6]	9.1	[4,8,16.6]	88.2	[80,3,93.2]	0.0		100.0
No (n=1,763)	2.6	[1,8,3.7]	10.7	[8,9,12.8]	85.8	[83,4,87.8]	0.9	[0,4,2.0]	100.0
Pearson: Uncorrected chi2(3) =	1.4407								
Design-based F(2.62, 4872.03) =	0.3260	Pr =	0.779						
Chronic disease (HEDIS)									
Chronic disease (HEDIS) (n=666)	3.1	[1,8,5.2]	9.8	[7,1,13.5]	87.0	[83,1,90.0]	0.1	[0,0,0.5]	100.0
No chronic disease (n=1,203)	2.4	[1,6,3.7]	10.9	[8,8,13.5]	85.4	[82,6,87.8]	1.2	[0,6,2.7]	100.0
Pearson: Uncorrected chi2(3) =	6.9876								
Design-based F(2.49, 4630.49) =	1.9157	Pr =	0.136						
Mental health/substance use disorder (HEDIS)									
MH/SA (HEDIS) (n=1,077)	3.4	[2,3,5.1]	10.7	[8,5,13.5]	85.4	[82,4,87.9]	0.5	[0,2,1.3]	100.0
No MH/SA (n=792)	1.6	[0,9,2.8]	10.4	[7,9,13.6]	86.6	[83,1,89.5]	1.4	[0,5,3.7]	100.0
Pearson: Uncorrected chi2(3) =	10.7754								
Design-based F(2.93, 5436.92) =	2.2428	Pr =	0.083						
Total (n=1,869)	2.6	[1,9,3.7]	10.6	[8,9,12.6]	85.9	[83,7,87.9]	0.9	[0,4,1.8]	100.0

- Each table will show a variable of interest and the response options at the top. Where ‘Variable of Interest’ is currently, the variable name or description will replace it and the ‘Response Option’ will be replaced with the response options for that question. The variable of interest is analyzed in a cross-tabulation format against other variables. These variables are on the left side of the table. The name of the variable is in bold on top of the categories that correspond to that variable. Each variable on the left side of the table is separated by horizontal black lines. The statistical analysis information is between two variables; the analysis information corresponds to the variable above it.
- ‘Row%’ is the weighted percentage of respondents that answered that response option in the survey. The ‘95%CI’ is the range of values that one can be 95% confident contains the true mean. The ‘Total Column’ shows that the row adds up to 100%. The value in ‘Pr= value’ indicates if there is a significant relationship between the two variables. If ‘value’ is less than 0.05, it can be interpreted that there is a significant relationship between the two variables.
- The ‘Total’ row is at the bottom of the table. This row displays values for the respondents that answered the question in the table as a whole, i.e. not run against another variable.
- Some questions have greater or fewer response options than the table presented here.

2 Demographics Tables

2.1 Main Demographics Table

Universe: All respondents

	Percent	95%CI
FPL category		
0-35% (n=1,600)	51.8	[50.8,52.8]
36-99% (n=1,450)	28.4	[27.6,29.3]
≥ 100%(n = 1,040)	19.8	[19.1,20.4]
Region		
UP/NW/NE (n=746)	9.0	[8.6,9.4]
W/E Central/E (n=1,265)	28.6	[27.8,29.4]
S Central/SW/SE (n=837)	18.6	[17.8,19.3]
Detroit Metro (n=1,242)	43.8	[42.8,44.9]
Age		
19-34 (n=1,303)	40.0	[38.0,42.0]
35-50 (n=1,301)	34.0	[32.1,35.9]
51-64 (n=1,486)	26.0	[24.5,27.6]
Gender		
Male (n=1,681)	48.4	[46.5,50.4]
Female (n=2,409)	51.6	[49.6,53.5]
Race		
White (n=2,784)	61.2	[59.3,63.0]
Black or African American (n=807)	26.1	[24.3,27.9]
Other (n=306)	8.8	[7.7,10.0]
More than one (n=142)	4.0	[3.3,4.9]
Hispanic/Latino		
Yes (n=188)	5.2	[4.4,6.2]
No (n=3,856)	94.3	[93.3,95.2]
Don't know (n=12)	0.5	[0.2,0.9]
Arab, Chaldean, Middle Eastern		
Yes (n=204)	6.2	[5.3,7.2]
No (n=3,842)	93.6	[92.5,94.5]
Don't know (n=9)	0.3	[0.1,0.6]
Urbanicity		
Urban (n=2,892)	81.0	[80.0,82.0]
Suburban (n=400)	8.8	[7.9,9.7]
Rural (n=798)	10.2	[9.7,10.7]
Medicaid Health Plan		
Aetna (n=58)	1.7	[1.2,2.3]
Blue Cross (n=356)	11.6	[10.2,13.1]
Harbor (n=18)	0.7	[0.4,1.3]
McLaren (n=633)	13.0	[11.9,14.2]
Meridian (n=1,265)	29.8	[28.1,31.6]
Midwest (n=3)	0.1	[0.0,0.2]
Molina (n=701)	18.0	[16.5,19.5]
Priority (n=268)	5.9	[5.2,6.7]
Total Health Care (n=85)	2.8	[2.2,3.7]
United (n=443)	13.2	[11.8,14.7]
Upper Peninsula Health Plan (n=258)	3.2	[2.8,3.6]
Employment status		
Employed or self-employed (n=2,079)	48.8	[47.0,50.7]
Out of work ≥1 year (n=707)	19.7	[18.1,21.3]
Out of work <1 year (n=258)	7.9	[6.8,9.1]
Homemaker (n=217)	4.5	[3.8,5.3]
Student (n=161)	5.2	[4.3,6.2]
Retired (n=167)	2.5	[2.1,3.0]
Unable to work (n=479)	11.3	[10.1,12.5]
Don't know (n=7)	0.2	[0.1,0.4]
Veteran		
Yes (n=125)	3.4	[2.7,4.2]
No (n=3,958)	96.5	[95.7,97.2]
Don't know (n=3)	0.1	[0.0,0.5]

Continued on next page

Continued from previous page

Marital status		
Married (n=1,008)	20.4	[19.0,21.8]
Partnered (n=185)	4.3	[3.6,5.1]
Divorced (n=865)	18.2	[16.8,19.6]
Widowed (n=147)	2.8	[2.3,3.4]
Separated (n=119)	2.8	[2.3,3.4]
Never Married (n=1,745)	51.6	[49.6,53.5]
Don't know (n=4)	0.1	[0.0,0.2]
Any chronic health condition present		
Yes (n=2,986)	69.2	[67.3,71.0]
No (n=1,104)	30.8	[29.0,32.7]
At least one physical health condition present		
Yes (n=2,689)	60.8	[58.8,62.8]
No (n=1,401)	39.2	[37.2,41.2]
At least one mental health condition present		
Yes (n=1,351)	32.1	[30.3,33.9]
No (n=2,739)	67.9	[66.1,69.7]
Other household HMP enrollee		
Yes (n=1,592)	35.7	[34.0,37.5]
No (n=2,289)	58.0	[56.1,59.8]
Don't know (n=201)	6.3	[5.3,7.6]
Help reading written materials		
Never (n=3,031)	72.6	[70.8,74.3]
Rarely (n=413)	10.6	[9.5,12.0]
Sometimes (n=390)	10.6	[9.4,11.9]
Often (n=94)	2.4	[1.8,3.1]
Always (n=157)	3.7	[3.1,4.5]
Don't know (n=3)	0.0	[0.0,0.1]
Low healthcare utilizers		
Yes (n=491)	15.2	[13.7,16.9]
No (n=3,599)	84.8	[83.1,86.3]
High ER utilizers		
Yes (n=156)	4.4	[3.6,5.4]
No (n=3,934)	95.6	[94.6,96.4]
Chronic disease (HEDIS)		
Chronic disease (HEDIS) (n=1,161)	25.1	[23.5,26.8]
No chronic disease (n=2,929)	74.9	[73.2,76.5]
Mental health/substance use disorder (HEDIS)		
MH/SA (HEDIS) (n=2,034)	48.3	[46.4,50.3]
No MH/SA (n=2,056)	51.7	[49.7,53.6]
Any insurance pre-HMP		
Yes (n=1,667)	40.7	[38.8,42.6]
No (n=2,374)	57.9	[55.9,59.8]
Don't know (n=46)	1.4	[1.0,2.1]
Insurance duration pre-HMP		
All 12 months (n=1,235)	73.8	[71.1,76.5]
6-11 months (n=245)	15.2	[13.0,17.6]
Less than 6 months (n=129)	7.6	[6.2,9.3]
Don't know (n=58)	3.4	[2.5,4.7]
Insurance: Private, job		
Yes (n=409)	26.2	[23.6,29.0]
No (n=1,213)	73.8	[71.0,76.4]
Insurance: Private, self		
Yes (n=157)	10.2	[8.3,12.6]
No (n=1,465)	89.8	[87.4,91.7]
Healthcare.gov insurance		
Yes (n=59)	31.5	[22.6,41.9]
No (n=75)	55.4	[44.1,66.2]
Don't know (n=18)	13.1	[7.6,21.7]
Insurance subsidy		
Yes (n=37)	61.8	[43.9,76.9]
No (n=18)	29.0	[18.1,43.1]
Don't know (n=4)	9.3	[2.2,31.3]

Continued on next page

Continued from previous page

Insurance: Medicaid		
Yes (n=834)	50.8	[47.7,53.9]
No (n=788)	49.2	[46.1,52.3]
Insurance: VA		
Yes (n=21)	1.4	[0.8,2.3]
No (n=1,601)	98.6	[97.7,99.2]
Insurance: Indian Health Service		
Yes (n=3)	0.1	[0.0,0.3]
No (n=1,619)	99.9	[99.7,100.0]
Insurance: CHAMPUS, TRICARE, other military		
Yes (n=3)	0.3	[0.1,1.2]
No (n=1,619)	99.7	[98.8,99.9]
Insurance: Medicare		
Yes (n=5)	0.3	[0.1,0.7]
No (n=1,617)	99.7	[99.3,99.9]
Insurance: County health plan		
Yes (n=127)	6.3	[5.2,7.7]
No (n=1,495)	93.7	[92.3,94.8]
Insurance: Other, record info		
Yes (n=83)	5.6	[4.3,7.3]
No (n=1,539)	94.4	[92.7,95.7]
Unspecified on someone else's insurance		
Yes (n=21)	0.8	[0.5,1.4]
No (n=4,069)	99.2	[98.6,99.5]
Insurance: Don't know		
Yes (n=23)	1.2	[0.8,1.9]
No (n=1,599)	98.8	[98.1,99.2]
Insurance: Refused		
No (n=1,622)	100.0	

2.2 Demographics Table by FPL Group

Universe: All respondents

	FPL category						Total	
	0-35%		36-99%		≥ 100%			
	Percent	95%CI	Percent	95%CI	Percent	95%CI	Percent	95%CI
Region								
UP/NW/NE (n=746)	6.7	[6.2,7.2]	10.9	[10.1,11.7]	12.3	[11.5,13.2]	9.0	[8.6,9.4]
W/E Central/E (n=1,265)	26.2	[25.1,27.5]	30.5	[29.1,31.9]	32.1	[30.4,33.8]	28.6	[27.8,29.4]
S Central/SW/SE (n=837)	17.4	[16.2,18.7]	19.2	[18.2,20.3]	20.6	[19.2,22.1]	18.6	[17.8,19.3]
Detroit Metro (n=1,242)	49.6	[48.1,51.2]	39.4	[37.6,41.2]	35.0	[33.3,36.7]	43.8	[42.8,44.9]
Total (n=4,090)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(6) =	75.7905							
Design-based F(5.20, 21206.80) =	44.4582	Pr =	0.000					
Age								
19-34 (n=1,303)	38.1	[35.0,41.3]	40.5	[37.4,43.7]	44.0	[40.4,47.6]	40.0	[38.0,42.0]
35-50 (n=1,301)	36.1	[33.1,39.1]	33.6	[30.7,36.6]	29.2	[26.1,32.5]	34.0	[32.1,35.9]
51-64 (n=1,486)	25.9	[23.5,28.3]	25.9	[23.5,28.5]	26.8	[24.1,29.7]	26.0	[24.5,27.6]
Total (n=4,090)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(4) =	13.6545							
Design-based F(3.75, 15297.36) =	2.6541	Pr =	0.035					
Gender								
Male (n=1,681)	57.2	[54.1,60.2]	39.1	[36.0,42.3]	39.0	[35.5,42.6]	48.4	[46.5,50.4]
Female (n=2,409)	42.8	[39.8,45.9]	60.9	[57.7,64.0]	61.0	[57.4,64.5]	51.6	[49.6,53.5]
Total (n=4,090)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	134.2435							
Design-based F(1.95, 7952.45) =	47.7773	Pr =	0.000					
Race								
White (n=2,784)	56.1	[53.0,59.1]	65.0	[61.9,67.9]	69.1	[65.8,72.1]	61.2	[59.3,63.0]
Black or African American (n=807)	32.8	[29.9,35.8]	18.6	[16.1,21.3]	19.3	[16.7,22.1]	26.1	[24.3,27.9]
Other (n=306)	6.7	[5.3,8.6]	12.5	[10.4,14.8]	8.7	[6.9,11.0]	8.8	[7.7,10.0]
More than one (n=142)	4.4	[3.3,5.9]	4.0	[2.9,5.5]	2.9	[1.8,4.6]	4.0	[3.3,4.9]
Total (n=4,039)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(6) =	125.5586							
Design-based F(5.76, 23214.06) =	14.5818	Pr =	0.000					
Hispanic/Latino								
Yes (n=188)	4.3	[3.1,5.8]	6.2	[4.8,8.0]	6.4	[4.7,8.6]	5.2	[4.4,6.2]
No (n=3,856)	95.0	[93.4,96.2]	93.6	[91.8,95.0]	93.5	[91.3,95.2]	94.3	[93.3,95.2]
Don't know (n=12)	0.8	[0.4,1.6]	0.2	[0.0,0.8]	0.1	[0.0,0.5]	0.5	[0.2,0.9]
Total (n=4,056)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(4) =	16.5754							
Design-based F(3.59, 14514.79) =	3.2861	Pr =	0.014					
Arab, Chaldean, Middle Eastern								
Yes (n=204)	3.9	[2.8,5.6]	10.5	[8.6,12.7]	5.7	[4.3,7.6]	6.2	[5.3,7.2]
No (n=3,842)	95.8	[94.1,97.0]	89.4	[87.2,91.3]	93.8	[91.8,95.3]	93.6	[92.5,94.5]
Don't know (n=9)	0.3	[0.1,0.9]	0.1	[0.0,0.6]	0.5	[0.2,1.5]	0.3	[0.1,0.6]
Total (n=4,055)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(4) =	58.6148							
Design-based F(3.62, 14646.90) =	9.9643	Pr =	0.000					
Urbanicity								
Urban (n=2,892)	83.7	[82.2,85.1]	78.5	[76.6,80.3]	77.6	[75.4,79.7]	81.0	[80.0,82.0]
Suburban (n=400)	8.4	[7.2,9.8]	9.1	[7.7,10.8]	9.2	[7.5,11.4]	8.8	[7.9,9.7]
Rural (n=798)	7.9	[7.2,8.6]	12.3	[11.3,13.4]	13.1	[12.2,14.2]	10.2	[9.7,10.7]
Total (n=4,090)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(4) =	28.1704							
Design-based F(3.03, 12357.21) =	10.9469	Pr =	0.000					

Continued on next page

Continued from previous page

Medicaid Health Plan								
Aetna (n=58)	2.1	[1.4,3.2]	1.3	[0.6,2.8]	1.0	[0.6,1.9]	1.7	[1.2,2.3]
Blue Cross (n=356)	13.3	[11.2,15.8]	9.3	[7.4,11.7]	10.2	[8.2,12.7]	11.6	[10.2,13.1]
Harbor (n=18)	1.3	[0.7,2.4]	0.1	[0.0,0.5]	0.3	[0.1,0.8]	0.7	[0.4,1.3]
McLaren (n=633)	11.8	[10.2,13.6]	13.7	[11.8,15.9]	15.4	[13.2,17.9]	13.0	[11.9,14.2]
Meridian (n=1,265)	30.2	[27.5,33.1]	30.7	[28.0,33.5]	27.4	[24.5,30.6]	29.8	[28.1,31.6]
Midwest (n=3)	0.0		0.1	[0.0,0.6]	0.2	[0.0,0.7]	0.1	[0.0,0.2]
Molina (n=701)	17.3	[15.1,19.8]	19.0	[16.6,21.6]	18.2	[15.6,21.0]	18.0	[16.5,19.5]
Priority (n=268)	5.9	[4.9,7.0]	5.0	[4.0,6.3]	7.4	[5.6,9.6]	5.9	[5.2,6.7]
Total Health Care (n=85)	3.2	[2.2,4.6]	2.1	[1.3,3.5]	3.0	[2.0,4.5]	2.8	[2.2,3.7]
United (n=443)	12.5	[10.4,14.9]	14.7	[12.6,17.1]	13.0	[10.7,15.6]	13.2	[11.8,14.7]
Upper Peninsula Health Plan (n=258)	2.5	[2.0,2.9]	4.0	[3.2,4.8]	4.0	[3.1,5.1]	3.2	[2.8,3.6]
Total (n=4,088)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(20) =	64.3903							
Design-based F(17.20, 70087.97) =	2.7025	Pr =	0.000					
Employment status								
Employed or self-employed (n=2,079)	31.9	[28.9,35.0]	65.4	[62.4,68.3]	69.4	[66.0,72.6]	48.8	[47.0,50.7]
Out of work >=1 year (n=707)	31.1	[28.3,34.0]	9.6	[7.8,11.8]	4.2	[3.1,5.8]	19.7	[18.1,21.3]
Out of work <1 year (n=258)	11.0	[9.1,13.2]	4.9	[3.8,6.2]	4.0	[2.8,5.6]	7.9	[6.8,9.1]
Homemaker (n=217)	2.4	[1.6,3.6]	7.4	[6.0,9.1]	5.9	[4.5,7.8]	4.5	[3.8,5.3]
Student (n=161)	5.8	[4.4,7.5]	3.9	[2.8,5.4]	5.4	[3.7,8.0]	5.2	[4.3,6.2]
Retired (n=167)	1.6	[1.0,2.4]	3.1	[2.3,4.3]	4.1	[3.1,5.4]	2.5	[2.1,3.0]
Unable to work (n=479)	16.1	[14.1,18.3]	5.5	[4.3,7.1]	6.9	[5.4,8.8]	11.3	[10.1,12.5]
Don't know (n=7)	0.2	[0.1,0.7]	0.1	[0.0,0.5]	0.0		0.2	[0.1,0.4]
Total (n=4,075)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(14) =	773.5738							
Design-based F(12.86, 52234.24) =	43.7255	Pr =	0.000					
Veteran								
Yes (n=125)	4.2	[3.2,5.5]	2.8	[1.8,4.2]	2.2	[1.4,3.4]	3.4	[2.7,4.2]
No (n=3,958)	95.8	[94.5,96.8]	96.9	[95.3,98.0]	97.6	[96.3,98.5]	96.5	[95.7,97.2]
Don't know (n=3)	0.0		0.3	[0.1,1.9]	0.2	[0.0,1.1]	0.1	[0.0,0.5]
Total (n=4,086)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(4) =	15.6606							
Design-based F(3.34, 13616.25) =	2.2381	Pr =	0.074					
Marital status								
Married (n=1,008)	9.0	[7.4,10.8]	31.0	[28.2,33.9]	34.9	[31.7,38.3]	20.4	[19.0,21.8]
Partnered (n=185)	4.8	[3.8,6.2]	3.6	[2.7,4.7]	3.8	[2.7,5.4]	4.3	[3.6,5.1]
Divorced (n=865)	20.4	[18.2,22.9]	14.9	[13.1,17.0]	16.9	[14.5,19.5]	18.2	[16.8,19.6]
Widowed (n=147)	2.5	[1.8,3.4]	3.3	[2.3,4.8]	2.6	[1.8,3.8]	2.8	[2.3,3.4]
Separated (n=119)	3.2	[2.4,4.3]	3.3	[2.3,4.6]	0.8	[0.5,1.5]	2.8	[2.3,3.4]
Never Married (n=1,745)	59.9	[56.9,62.8]	43.9	[40.7,47.0]	40.8	[37.3,44.5]	51.6	[49.6,53.5]
Don't know (n=4)	0.1	[0.0,0.4]	0.0		0.1	[0.0,0.9]	0.1	[0.0,0.2]
Total (n=4,073)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(12) =	375.6639							
Design-based F(11.24, 45656.10) =	27.6587	Pr =	0.000					
Any chronic health condition present								
Yes (n=2,986)	72.9	[69.8,75.7]	66.2	[63.1,69.1]	63.9	[60.4,67.2]	69.2	[67.3,71.0]
No (n=1,104)	27.1	[24.3,30.2]	33.8	[30.9,36.9]	36.1	[32.8,39.6]	30.8	[29.0,32.7]
Total (n=4,090)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	29.0557							
Design-based F(1.89, 7724.75) =	9.7567	Pr =	0.000					
At least one physical health condition present								
Yes (n=2,689)	63.3	[60.1,66.4]	59.3	[56.1,62.3]	56.5	[52.9,60.0]	60.8	[58.8,62.8]
No (n=1,401)	36.7	[33.6,39.9]	40.7	[37.7,43.9]	43.5	[40.0,47.1]	39.2	[37.2,41.2]
Total (n=4,090)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	12.7886							
Design-based F(1.91, 7793.58) =	4.4372	Pr =	0.013					
At least one mental health condition present								
Yes (n=1,351)	37.9	[35.0,40.9]	26.8	[24.3,29.6]	24.6	[21.7,27.8]	32.1	[30.3,33.9]
No (n=2,739)	62.1	[59.1,65.0]	73.2	[70.4,75.7]	75.4	[72.2,78.3]	67.9	[66.1,69.7]
Total (n=4,090)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	67.9240							
Design-based F(1.94, 7929.70) =	26.7494	Pr =	0.000					
Other household HMP enrollee								
Yes (n=1,592)	23.3	[20.9,26.0]	50.1	[47.0,53.3]	47.3	[43.7,50.8]	35.7	[34.0,37.5]
No (n=2,289)	68.5	[65.5,71.4]	45.4	[42.3,48.5]	48.4	[44.9,52.0]	58.0	[56.1,59.8]
Don't know (n=201)	8.2	[6.4,10.4]	4.5	[3.4,5.8]	4.3	[3.0,6.1]	6.3	[5.3,7.6]
Total (n=4,082)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(4) =	296.6719							
Design-based F(3.85, 15650.87) =	53.8697	Pr =	0.000					

Continued on next page

Continued from previous page

Help reading written materials								
Never (n=3,031)	68.5	[65.5,71.3]	76.9	[74.2,79.4]	77.2	[74.0,80.1]	72.6	[70.8,74.3]
Rarely (n=413)	11.9	[10.0,14.1]	8.8	[7.3,10.6]	10.0	[8.0,12.3]	10.6	[9.5,12.0]
Sometimes (n=390)	12.0	[10.1,14.2]	9.4	[7.7,11.6]	8.7	[6.8,11.0]	10.6	[9.4,11.9]
Often (n=94)	2.9	[2.1,4.0]	1.9	[1.3,2.9]	1.7	[0.8,3.6]	2.4	[1.8,3.1]
Always (n=157)	4.7	[3.6,6.1]	2.9	[2.0,4.0]	2.5	[1.7,3.6]	3.7	[3.1,4.5]
Don't know (n=3)	0.0	[0.0,0.2]	0.0	[0.0,0.2]	0.1	[0.0,0.4]	0.0	[0.0,0.1]
Total (n=4,088)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(10) =	41.7857							
Design-based F(8.63, 35162.05) =	3.5453	Pr =	0.000					
Low healthcare utilizers								
Yes (n=491)	17.3	[14.8,20.1]	13.0	[10.9,15.4]	13.1	[10.7,15.9]	15.2	[13.7,16.9]
No (n=3,599)	82.7	[79.9,85.2]	87.0	[84.6,89.1]	86.9	[84.1,89.3]	84.8	[83.1,86.3]
Total (n=4,090)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	14.6763							
Design-based F(1.93, 7851.49) =	4.6708	Pr =	0.010					
High ER utilizers								
Yes (n=156)	5.5	[4.2,7.1]	3.7	[2.7,5.1]	2.8	[1.8,4.3]	4.4	[3.6,5.4]
No (n=3,934)	94.5	[92.9,95.8]	96.3	[94.9,97.3]	97.2	[95.7,98.2]	95.6	[94.6,96.4]
Total (n=4,090)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	12.1465							
Design-based F(1.95, 7964.05) =	4.3746	Pr =	0.013					
Chronic disease (HEDIS)								
Chronic disease (HEDIS) (n=1,161)	27.3	[24.8,29.9]	22.9	[20.5,25.4]	22.8	[20.0,25.8]	25.1	[23.5,26.8]
No chronic disease (n=2,929)	72.7	[70.1,75.2]	77.1	[74.6,79.5]	77.2	[74.2,80.0]	74.9	[73.2,76.5]
Total (n=4,090)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	10.6441							
Design-based F(1.95, 7972.30) =	4.3624	Pr =	0.013					
Mental health/substance use disorder (HEDIS)								
MH/SA (HEDIS) (n=2,034)	53.5	[50.4,56.6]	43.4	[40.3,46.5]	41.8	[38.3,45.3]	48.3	[46.4,50.3]
No MH/SA (n=2,056)	46.5	[43.4,49.6]	56.6	[53.5,59.7]	58.2	[54.7,61.7]	51.7	[49.7,53.6]
Total (n=4,090)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	48.3845							
Design-based F(1.93, 7851.38) =	17.9177	Pr =	0.000					
Any insurance pre-HMP								
Yes (n=1,667)	35.4	[32.5,38.4]	44.8	[41.7,48.0]	48.6	[45.0,52.1]	40.7	[38.8,42.6]
No (n=2,374)	62.6	[59.6,65.6]	54.1	[50.9,57.2]	50.9	[47.3,54.4]	57.9	[55.9,59.8]
Don't know (n=46)	2.0	[1.2,3.2]	1.1	[0.6,1.9]	0.6	[0.2,1.3]	1.4	[1.0,2.1]
Total (n=4,087)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(4) =	58.9990							
Design-based F(3.77, 15363.38) =	11.5036	Pr =	0.000					
Insurance duration pre-HMP								
All 12 months (n=1,235)	71.4	[66.5,75.9]	78.0	[73.8,81.6]	73.0	[68.0,77.5]	73.8	[71.1,76.5]
6-11 months (n=245)	16.6	[13.0,21.0]	12.1	[9.3,15.5]	16.5	[12.9,20.9]	15.2	[13.0,17.6]
Less than 6 months (n=129)	6.9	[4.8,9.9]	8.7	[6.4,11.8]	7.4	[5.1,10.6]	7.6	[6.2,9.3]
Don't know (n=58)	5.1	[3.3,7.8]	1.2	[0.7,2.3]	3.1	[1.8,5.2]	3.4	[2.5,4.7]
Total (n=1,667)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(6) =	21.3820							
Design-based F(5.60, 9274.64) =	2.7827	Pr =	0.012					
Insurance: Private, job								
Yes (n=409)	27.4	[23.0,32.2]	23.5	[19.5,28.0]	27.8	[23.2,32.9]	26.2	[23.6,29.0]
No (n=1,213)	72.6	[67.8,77.0]	76.5	[72.0,80.5]	72.2	[67.1,76.8]	73.8	[71.0,76.4]
Total (n=1,622)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	2.9477							
Design-based F(1.95, 3145.86) =	1.0047	Pr =	0.365					
Insurance: Private, self								
Yes (n=157)	9.8	[6.7,14.2]	11.1	[7.9,15.4]	9.8	[7.1,13.4]	10.2	[8.3,12.6]
No (n=1,465)	90.2	[85.8,93.3]	88.9	[84.6,92.1]	90.2	[86.6,92.9]	89.8	[87.4,91.7]
Total (n=1,622)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	0.6344							
Design-based F(1.86, 3000.01) =	0.1699	Pr =	0.829					
Healthcare.gov insurance								
Yes (n=59)	24.5	[11.6,44.4]	33.7	[20.2,50.5]	41.3	[26.2,58.2]	31.5	[22.6,41.9]
No (n=75)	68.6	[48.4,83.5]	51.8	[33.8,69.3]	35.8	[21.0,54.0]	55.4	[44.1,66.2]
Don't know (n=18)	7.0	[2.6,17.3]	14.5	[5.7,32.3]	22.9	[9.5,45.7]	13.1	[7.6,21.7]
Total (n=152)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(4) =	11.0040							
Design-based F(3.69, 517.14) =	1.7541	Pr =	0.142					

Continued on next page

Continued from previous page

Insurance subsidy								
Yes (n=37)	59.9	[21.7,88.9]	63.5	[39.9,82.0]	61.6	[39.1,80.1]	61.8	[43.9,76.9]
No (n=18)	21.9	[7.3,50.0]	31.0	[14.0,55.3]	34.4	[16.6,58.0]	29.0	[18.1,43.1]
Don't know (n=4)	18.2	[2.0,70.4]	5.5	[1.1,22.8]	4.0	[0.5,25.6]	9.3	[2.2,31.3]
Total (n=59)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(4) =	3.1037							
Design-based F(3.34, 160.17) =	0.5913	Pr =	0.639					
Insurance: Medicaid								
Yes (n=834)	48.9	[43.6,54.2]	53.9	[49.0,58.7]	50.0	[44.6,55.4]	50.8	[47.7,53.9]
No (n=788)	51.1	[45.8,56.4]	46.1	[41.3,51.0]	50.0	[44.6,55.4]	49.2	[46.1,52.3]
Total (n=1,622)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	3.1235							
Design-based F(1.94, 3123.80) =	1.0602	Pr =	0.345					
Insurance: VA								
Yes (n=21)	1.8	[0.9,3.6]	1.5	[0.6,3.6]	0.4	[0.1,1.2]	1.4	[0.8,2.3]
No (n=1,601)	98.2	[96.4,99.1]	98.5	[96.4,99.4]	99.6	[98.8,99.9]	98.6	[97.7,99.2]
Total (n=1,622)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	3.6449							
Design-based F(1.64, 2633.05) =	1.6246	Pr =	0.202					
Insurance: Indian Health Service								
Yes (n=3)	0.1	[0.0,0.6]	0.1	[0.0,0.5]	0.0	0.1	[0.0,0.3]	
No (n=1,619)	99.9	[99.4,100.0]	99.9	[99.5,100.0]	100.0	99.9	[99.7,100.0]	
Total (n=1,622)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	0.5776							
Design-based F(1.96, 3152.83) =	0.6538	Pr =	0.517					
Insurance: CHAMPUS, TRICARE, other military								
Yes (n=3)	0.4	[0.1,3.1]	0.1	[0.0,0.9]	0.4	[0.1,2.6]	0.3	[0.1,1.2]
No (n=1,619)	99.6	[96.9,99.9]	99.9	[99.1,100.0]	99.6	[97.4,99.9]	99.7	[98.8,99.9]
Total (n=1,622)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	0.9382							
Design-based F(1.71, 2747.37) =	0.3221	Pr =	0.690					
Insurance: Medicare								
Yes (n=5)	0.0	0.6	[0.2,1.8]	0.4	[0.1,1.8]	0.3	[0.1,0.7]	
No (n=1,617)	100.0	99.4	[98.2,99.8]	99.6	[98.2,99.9]	99.7	[99.3,99.9]	
Total (n=1,622)	100.0	100.0		100.0		100.0		
Pearson: Uncorrected chi2(2) =	3.8738							
Design-based F(1.98, 3184.92) =	2.0039	Pr =	0.136					
Insurance: County health plan								
Yes (n=127)	6.6	[4.7,9.1]	5.6	[4.0,7.6]	6.9	[4.9,9.7]	6.3	[5.2,7.7]
No (n=1,495)	93.4	[90.9,95.3]	94.4	[92.4,96.0]	93.1	[90.3,95.1]	93.7	[92.3,94.8]
Total (n=1,622)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	0.8159							
Design-based F(1.95, 3142.60) =	0.4110	Pr =	0.658					
Insurance: Other, record info								
Yes (n=83)	6.8	[4.4,10.2]	3.6	[2.3,5.7]	6.1	[4.0,9.2]	5.6	[4.3,7.3]
No (n=1,539)	93.2	[89.8,95.6]	96.4	[94.3,97.7]	93.9	[90.8,96.0]	94.4	[92.7,95.7]
Total (n=1,622)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	5.9347							
Design-based F(1.91, 3082.23) =	2.1441	Pr =	0.120					
Unspecified on someone else's insurance								
Yes (n=21)	1.1	[0.5,2.2]	0.3	[0.1,0.8]	0.9	[0.4,2.0]	0.8	[0.5,1.4]
No (n=4,069)	98.9	[97.8,99.5]	99.7	[99.2,99.9]	99.1	[98.0,99.6]	99.2	[98.6,99.5]
Total (n=4,090)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	5.1271							
Design-based F(1.82, 7409.91) =	1.9416	Pr =	0.148					
Insurance: Don't know								
Yes (n=23)	1.0	[0.4,2.5]	1.4	[0.7,2.8]	1.4	[0.7,2.8]	1.2	[0.8,1.9]
No (n=1,599)	99.0	[97.5,99.6]	98.6	[97.2,99.3]	98.6	[97.2,99.3]	98.8	[98.1,99.2]
Total (n=1,622)	100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	0.4585							
Design-based F(1.88, 3019.55) =	0.2194	Pr =	0.789					

2.3 Demographics Table by Region

Universe: All respondents

	UP/NW/NE		W/E Central/E		Region S Central/SW/SE		Detroit Metro		Total	
	Percent	95%CI	Percent	95%CI	Percent	95%CI	Percent	95%CI	Percent	95%CI
FPL category										
0-35% (n=1,600)	38.5	[36.6,40.5]	47.6	[46.0,49.1]	48.6	[46.4,50.9]	58.7	[57.0,60.4]	51.8	[50.8,52.8]
36-99% (n=1,450)	34.4	[32.5,36.4]	30.3	[29.0,31.6]	29.4	[27.8,31.1]	25.5	[24.0,27.1]	28.4	[27.6,29.3]
≥ 100% (n = 1,040)	27.0	[25.4,28.7]	22.1	[20.9,23.5]	22.0	[20.4,23.6]	15.8	[14.8,16.7]	19.8	[19.1,20.4]
Total (n=4,090)	100.0		100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(6) =	75.7905									
Design-based F(5.20, 21206.80) =	44.4582	Pr =	0.000							
Age										
19-34 (n=1,303)	36.1	[32.1,40.3]	38.6	[35.4,41.8]	43.3	[39.1,47.6]	40.2	[36.8,43.8]	40.0	[38.0,42.0]
35-50 (n=1,301)	31.4	[27.6,35.4]	33.8	[30.8,36.9]	32.2	[28.6,36.1]	35.4	[32.2,38.9]	34.0	[32.1,35.9]
51-64 (n=1,486)	32.6	[29.2,36.2]	27.6	[25.1,30.3]	24.5	[21.6,27.6]	24.3	[21.8,27.1]	26.0	[24.5,27.6]
Total (n=4,090)	100.0		100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(6) =	16.6153									
Design-based F(5.23, 21336.52) =	2.3000	Pr =	0.040							
Gender										
Male (n=1,681)	43.3	[39.3,47.4]	48.3	[45.1,51.4]	47.1	[43.0,51.2]	50.2	[46.7,53.6]	48.4	[46.5,50.4]
Female (n=2,409)	56.7	[52.6,60.7]	51.7	[48.6,54.9]	52.9	[48.8,57.0]	49.8	[46.4,53.3]	51.6	[49.6,53.5]
Total (n=4,090)	100.0		100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(3) =	6.6602									
Design-based F(2.69, 10956.60) =	1.7522	Pr =	0.160							
Race										
White (n=2,784)	94.8	[92.8,96.2]	76.3	[73.4,78.9]	69.8	[65.7,73.6]	40.8	[37.4,44.3]	61.2	[59.3,63.0]
Black or African American (n=807)	0.4	[0.1,1.4]	13.7	[11.7,16.1]	17.2	[14.1,20.8]	43.1	[39.7,46.6]	26.1	[24.3,27.9]
Other (n=306)	2.6	[1.7,4.1]	5.2	[3.9,6.8]	7.8	[5.7,10.5]	12.8	[10.7,15.1]	8.8	[7.7,10.0]
More than one (n=142)	2.2	[1.3,3.5]	4.8	[3.6,6.6]	5.2	[3.6,7.4]	3.3	[2.3,4.9]	4.0	[3.3,4.9]
Total (n=4,039)	100.0		100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(9) =	693.0738									
Design-based F(7.66, 30846.88) =	61.6407	Pr =	0.000							
Hispanic/Latino										
Yes (n=188)	2.3	[1.2,4.2]	6.3	[4.9,8.0]	5.6	[3.9,7.9]	5.0	[3.7,6.8]	5.2	[4.4,6.2]
No (n=3,856)	97.7	[95.8,98.8]	93.4	[91.7,94.8]	93.6	[91.2,95.4]	94.5	[92.6,95.9]	94.3	[93.3,95.2]
Don't know (n=12)	0.0		0.3	[0.1,0.8]	0.8	[0.3,2.3]	0.5	[0.2,1.5]	0.5	[0.2,0.9]
Total (n=4,056)	100.0		100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(6) =	13.4623									
Design-based F(5.22, 21110.22) =	1.4298	Pr =	0.207							

Continued on next page

Continued from previous page

Arab, Chaldean, Middle Eastern										
Yes (n=204)	0.3	[0.1,1.2]	0.6	[0.3,1.4]	3.1	[1.9,5.0]	12.2	[10.3,14.5]	6.2	[5.3,7.2]
No (n=3,842)	99.2	[97.0,99.8]	99.0	[98.1,99.5]	96.6	[94.7,97.9]	87.6	[85.3,89.5]	93.6	[92.5,94.5]
Don't know (n=9)	0.5	[0.1,3.5]	0.4	[0.1,1.1]	0.2	[0.1,1.0]	0.2	[0.0,0.8]	0.3	[0.1,0.6]
Total (n=4,055)	100.0		100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(6) =	209.9828									
Design-based F(5.39, 21809.55) =	26.2657	Pr =	0.000							
Urbanicity										
Urban (n=2,892)	0.0	71.9	[69.0,74.6]	89.7	[87.0,91.9]	100.0	81.0	[80.0,82.0]		
Suburban (n=400)	0.0	24.0	[21.4,26.7]	10.3	[8.1,13.0]	0.0	8.8	[7.9,9.7]		
Rural (n=798)	100.0	4.1	[3.0,5.6]	0.0		0.0	10.2	[9.7,10.7]		
Total (n=4,090)	100.0	100.0		100.0		100.0	100.0			
Pearson: Uncorrected chi2(6) =	4116.1483									
Design-based F(4.10, 16722.43) =	925.6255	Pr =	0.000							
Medicaid Health Plan										
Aetna (n=58)	0.0		0.0		2.9	[1.9,4.6]	2.6	[1.7,3.9]	1.7	[1.2,2.3]
Blue Cross (n=356)	0.0		0.5	[0.2,1.2]	18.9	[15.7,22.6]	18.1	[15.4,21.1]	11.6	[10.2,13.1]
Harbor (n=18)	0.0		0.0		0.0		1.7	[1.0,3.0]	0.7	[0.4,1.3]
McLaren (n=633)	21.7	[18.4,25.3]	20.5	[18.1,23.1]	14.3	[11.8,17.1]	5.9	[4.5,7.7]	13.0	[11.9,14.2]
Meridian (n=1,265)	35.6	[31.7,39.6]	26.9	[24.1,29.9]	45.7	[41.6,49.8]	23.8	[21.0,26.9]	29.8	[28.1,31.6]
Midwest (n=3)	0.0		0.2	[0.1,0.6]	0.0		0.0		0.1	[0.0,0.2]
Molina (n=701)	7.3	[5.6,9.6]	26.3	[23.6,29.2]	4.0	[2.8,5.6]	20.6	[17.9,23.6]	18.0	[16.5,19.5]
Priority (n=268)	0.0		20.2	[17.8,22.8]	0.7	[0.2,2.4]	0.0		5.9	[5.2,6.7]
Total Health Care (n=85)	0.0		0.0		0.0		6.5	[5.0,8.3]	2.8	[2.2,3.7]
United (n=443)	0.1	[0.0,0.7]	5.4	[4.1,7.1]	13.5	[10.7,16.8]	20.8	[18.2,23.7]	13.2	[11.8,14.7]
Upper Peninsula Health Plan (n=258)	35.3	[31.5,39.4]	0.0		0.0		0.0		3.2	[2.8,3.6]
Total (n=4,088)	100.0		100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(30) =	2955.8232									
Design-based F(17.73, 72265.07) =	100.4495	Pr =	0.000							
Employment status										
Employed or self-employed (n=2,079)	52.5	[48.6,56.4]	46.9	[44.0,49.9]	53.3	[49.4,57.2]	47.4	[44.1,50.8]	48.8	[47.0,50.7]
Out of work >=1 year (n=707)	15.7	[13.0,18.8]	20.7	[18.2,23.4]	16.3	[13.4,19.6]	21.3	[18.5,24.3]	19.7	[18.1,21.3]
Out of work <1 year (n=258)	6.0	[4.2,8.4]	7.6	[6.0,9.6]	8.8	[6.7,11.5]	8.1	[6.2,10.4]	7.9	[6.8,9.1]
Homemaker (n=217)	5.6	[4.0,7.7]	3.9	[2.9,5.2]	4.1	[2.9,5.6]	4.9	[3.8,6.4]	4.5	[3.8,5.3]
Student (n=161)	3.9	[2.5,6.2]	4.8	[3.3,6.8]	5.3	[3.7,7.5]	5.7	[4.2,7.6]	5.2	[4.3,6.2]
Retired (n=167)	5.0	[3.8,6.7]	2.7	[2.0,3.6]	2.2	[1.5,3.2]	2.0	[1.3,3.1]	2.5	[2.1,3.0]
Unable to work (n=479)	11.1	[8.9,13.7]	13.2	[11.3,15.5]	10.1	[8.0,12.7]	10.5	[8.6,12.8]	11.3	[10.1,12.5]
Don't know (n=7)	0.2	[0.1,1.0]	0.3	[0.1,0.8]	0.0		0.1	[0.0,0.9]	0.2	[0.1,0.4]
Total (n=4,075)	100.0		100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(21) =	44.2104									
Design-based F(17.48, 71007.65) =	1.7471	Pr =	0.027							
Veteran										
Yes (n=125)	3.0	[1.9,4.5]	4.4	[3.2,6.0]	2.8	[1.7,4.4]	3.1	[2.1,4.5]	3.4	[2.7,4.2]
No (n=3,958)	97.0	[95.5,98.1]	95.5	[93.9,96.8]	97.2	[95.6,98.3]	96.7	[95.2,97.7]	96.5	[95.7,97.2]
Don't know (n=3)	0.0		0.1	[0.0,0.8]	0.0		0.2	[0.0,1.2]	0.1	[0.0,0.5]
Total (n=4,086)	100.0		100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(6) =	7.6656									
Design-based F(4.19, 17086.89) =	0.9232	Pr =	0.452							

Continued on next page

Continued from previous page

Marital status										
Married (n=1,008)	28.2	[24.8,31.9]	21.5	[19.3,23.9]	17.8	[15.3,20.8]	19.1	[16.8,21.6]	20.4	[19.0,21.8]
Partnered (n=185)	5.9	[4.2,8.2]	4.9	[3.8,6.5]	5.7	[4.1,7.9]	2.9	[2.0,4.2]	4.3	[3.6,5.1]
Divorced (n=865)	22.9	[19.8,26.4]	20.3	[17.9,22.9]	19.7	[17.0,22.8]	15.1	[12.9,17.7]	18.2	[16.8,19.6]
Widowed (n=147)	4.7	[3.1,7.1]	2.6	[1.9,3.5]	2.3	[1.5,3.5]	2.7	[1.8,3.9]	2.8	[2.3,3.4]
Separated (n=119)	1.3	[0.7,2.5]	3.2	[2.3,4.4]	2.9	[2.0,4.4]	2.8	[1.9,4.0]	2.8	[2.3,3.4]
Never Married (n=1,745)	36.4	[32.5,40.6]	47.5	[44.4,50.7]	51.4	[47.3,55.4]	57.4	[54.1,60.7]	51.6	[49.6,53.5]
Don't know (n=4)	0.4	[0.1,2.0]	0.0		0.1	[0.0,0.8]	0.1	[0.0,0.4]	0.1	[0.0,0.2]
Total (n=4,073)	100.0									
Pearson: Uncorrected chi2(18) =	96.5028									
Design-based F(16.18, 65698.28) =	4.9795	Pr =	0.000							
Any chronic health condition present										
Yes (n=2,986)	74.4	[70.4,78.0]	74.2	[71.2,77.0]	72.3	[68.1,76.2]	63.6	[60.1,66.8]	69.2	[67.3,71.0]
No (n=1,104)	25.6	[22.0,29.6]	25.8	[23.0,28.8]	27.7	[23.8,31.9]	36.4	[33.2,39.9]	30.8	[29.0,32.7]
Total (n=4,090)	100.0									
Pearson: Uncorrected chi2(3) =	48.3925									
Design-based F(2.72, 11087.08) =	11.5885	Pr =	0.000							
At least one physical health condition present										
Yes (n=2,689)	67.0	[62.8,70.8]	64.4	[61.2,67.5]	60.8	[56.5,64.9]	57.2	[53.7,60.6]	60.8	[58.8,62.8]
No (n=1,401)	33.0	[29.2,37.2]	35.6	[32.5,38.8]	39.2	[35.1,43.5]	42.8	[39.4,46.3]	39.2	[37.2,41.2]
Total (n=4,090)	100.0									
Pearson: Uncorrected chi2(3) =	21.9869									
Design-based F(2.70, 11016.29) =	5.4136	Pr =	0.002							
At least one mental health condition present										
Yes (n=1,351)	38.2	[34.3,42.2]	38.1	[35.1,41.3]	38.0	[34.2,42.0]	24.5	[21.5,27.7]	32.1	[30.3,33.9]
No (n=2,739)	61.8	[57.8,65.7]	61.9	[58.7,64.9]	62.0	[58.0,65.8]	75.5	[72.3,78.5]	67.9	[66.1,69.7]
Total (n=4,090)	100.0									
Pearson: Uncorrected chi2(3) =	85.6466									
Design-based F(2.62, 10690.68) =	21.8903	Pr =	0.000							
Other household HMP enrollee										
Yes (n=1,592)	43.4	[39.5,47.5]	36.7	[33.7,39.7]	37.8	[34.1,41.7]	32.5	[29.7,35.6]	35.7	[34.0,37.5]
No (n=2,289)	52.7	[48.7,56.7]	57.7	[54.6,60.8]	57.6	[53.6,61.5]	59.3	[56.0,62.6]	58.0	[56.1,59.8]
Don't know (n=201)	3.8	[2.3,6.2]	5.6	[4.3,7.3]	4.6	[3.2,6.5]	8.1	[6.1,10.6]	6.3	[5.3,7.6]
Total (n=4,082)	100.0									
Pearson: Uncorrected chi2(6) =	31.8793									
Design-based F(5.36, 21817.76) =	4.1584	Pr =	0.001							
Help reading written materials										
Never (n=3,031)	77.4	[73.8,80.7]	72.7	[69.7,75.5]	71.4	[67.4,75.0]	72.1	[68.9,75.1]	72.6	[70.8,74.3]
Rarely (n=413)	10.5	[8.1,13.3]	11.9	[9.9,14.2]	11.7	[9.2,14.9]	9.4	[7.5,11.7]	10.6	[9.5,12.0]
Sometimes (n=390)	7.4	[5.4,10.0]	9.5	[7.6,11.7]	10.9	[8.5,13.9]	11.9	[9.8,14.3]	10.6	[9.4,11.9]
Often (n=94)	1.4	[0.8,2.6]	2.5	[1.6,3.9]	2.7	[1.6,4.5]	2.4	[1.6,3.6]	2.4	[1.8,3.1]
Always (n=157)	3.2	[2.1,4.9]	3.4	[2.5,4.5]	3.3	[2.2,4.9]	4.3	[3.1,5.8]	3.7	[3.1,4.5]
Don't know (n=3)	0.1	[0.0,0.8]	0.1	[0.0,0.4]	0.0		0.0		0.0	[0.0,0.1]
Total (n=4,088)	100.0									
Pearson: Uncorrected chi2(15) =	21.1201									
Design-based F(12.22, 49799.55) =	1.2688	Pr =	0.228							

Continued on next page

Continued from previous page

Low healthcare utilizers										
Yes (n=491)	12.0	[9.4,15.2]	13.0	[10.8,15.5]	15.8	[12.6,19.7]	17.1	[14.4,20.2]	15.2	[13.7,16.9]
No (n=3,599)	88.0	[84.8,90.6]	87.0	[84.5,89.2]	84.2	[80.3,87.4]	82.9	[79.8,85.6]	84.8	[83.1,86.3]
Total (n=4,090)	100.0		100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(3) =	12.5763									
Design-based F(2.65, 10822.56) =	2.6830	Pr =	0.052							
High ER utilizers										
Yes (n=156)	3.0	[1.9,4.9]	4.5	[3.3,6.0]	5.2	[3.8,7.2]	4.3	[3.0,6.2]	4.4	[3.6,5.4]
No (n=3,934)	97.0	[95.1,98.1]	95.5	[94.0,96.7]	94.8	[92.8,96.2]	95.7	[93.8,97.0]	95.6	[94.6,96.4]
Total (n=4,090)	100.0		100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(3) =	2.9173									
Design-based F(2.54, 10346.62) =	0.7052	Pr =	0.526							
Chronic disease (HEDIS)										
Chronic disease (HEDIS) (n=1,161)	24.4	[21.2,27.9]	26.9	[24.2,29.7]	21.9	[19.0,25.1]	25.5	[22.7,28.5]	25.1	[23.5,26.8]
No chronic disease (n=2,929)	75.6	[72.1,78.8]	73.1	[70.3,75.8]	78.1	[74.9,81.0]	74.5	[71.5,77.3]	74.9	[73.2,76.5]
Total (n=4,090)	100.0		100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(3) =	6.3971									
Design-based F(2.68, 10928.91) =	1.9030	Pr =	0.134							
Mental health/substance use disorder (HEDIS)										
MH/SA (HEDIS) (n=2,034)	54.0	[49.9,58.0]	53.3	[50.1,56.4]	49.1	[45.0,53.2]	43.6	[40.2,47.1]	48.3	[46.4,50.3]
No MH/SA (n=2,056)	46.0	[42.0,50.1]	46.7	[43.6,49.9]	50.9	[46.8,55.0]	56.4	[52.9,59.8]	51.7	[49.7,53.6]
Total (n=4,090)	100.0		100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(3) =	32.2688									
Design-based F(2.68, 10918.05) =	8.4696	Pr =	0.000							
Any insurance pre-HMP										
Yes (n=1,667)	38.9	[34.9,43.0]	42.4	[39.2,45.5]	45.3	[41.2,49.4]	38.1	[34.8,41.5]	40.7	[38.8,42.6]
No (n=2,374)	59.7	[55.6,63.7]	56.7	[53.5,59.8]	53.7	[49.6,57.8]	60.0	[56.6,63.4]	57.9	[55.9,59.8]
Don't know (n=46)	1.4	[0.7,2.8]	1.0	[0.5,1.8]	1.0	[0.4,2.5]	1.9	[1.1,3.4]	1.4	[1.0,2.1]
Total (n=4,087)	100.0		100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(6) =	17.8530									
Design-based F(5.27, 21488.50) =	2.2192	Pr =	0.046							
Insurance duration pre-HMP										
All 12 months (n=1,235)	75.8	[69.9,80.9]	75.2	[70.7,79.3]	71.8	[65.7,77.1]	73.5	[68.3,78.1]	73.8	[71.1,76.5]
6-11 months (n=245)	12.1	[8.7,16.6]	12.8	[9.7,16.6]	14.5	[10.5,19.8]	17.8	[14.0,22.5]	15.2	[13.0,17.6]
Less than 6 months (n=129)	7.0	[4.5,10.9]	8.6	[6.1,11.8]	9.4	[6.3,14.0]	6.1	[4.0,9.1]	7.6	[6.2,9.3]
Don't know (n=58)	5.0	[2.5,9.6]	3.4	[2.1,5.6]	4.2	[2.4,7.5]	2.6	[1.3,5.4]	3.4	[2.5,4.7]
Total (n=1,667)	100.0		100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(9) =	13.7974									
Design-based F(7.91, 13092.90) =	1.1630	Pr =	0.318							
Insurance: Private, job										
Yes (n=409)	28.0	[22.2,34.6]	26.1	[21.9,30.7]	26.9	[21.6,33.0]	25.6	[21.0,30.8]	26.2	[23.6,29.0]
No (n=1,213)	72.0	[65.4,77.8]	73.9	[69.3,78.1]	73.1	[67.0,78.4]	74.4	[69.2,79.0]	73.8	[71.0,76.4]
Total (n=1,622)	100.0		100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(3) =	0.4465									
Design-based F(2.70, 4353.46) =	0.1136	Pr =	0.940							

Continued on next page

Continued from previous page

Insurance: Private, self										
Yes (n=157)	13.6	[9.6,18.9]	8.4	[6.0,11.6]	10.5	[6.5,16.4]	10.8	[7.3,15.5]	10.2	[8.3,12.6]
No (n=1,465)	86.4	[81.1,90.4]	91.6	[88.4,94.0]	89.5	[83.6,93.5]	89.2	[84.5,92.7]	89.8	[87.4,91.7]
Total (n=1,622)	100.0		100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(3) =	3.6535									
Design-based F(2.53, 4072.34) =	0.7376	Pr =	0.508							
Healthcare.gov insurance										
Yes (n=59)	35.3	[20.1,54.0]	26.2	[14.2,43.2]	34.8	[16.3,59.5]	32.0	[17.5,51.1]	31.5	[22.6,41.9]
No (n=75)	56.0	[38.3,72.3]	45.8	[29.6,62.9]	58.1	[33.8,79.1]	59.5	[39.8,76.5]	55.4	[44.1,66.2]
Don't know (n=18)	8.7	[3.1,22.1]	28.1	[13.7,48.9]	7.0	[1.6,25.7]	8.6	[2.7,23.9]	13.1	[7.6,21.7]
Total (n=152)	100.0		100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(6) =	10.0322									
Design-based F(4.95, 692.46) =	1.3044	Pr =	0.260							
Insurance subsidy										
Yes (n=37)	66.3	[30.3,89.8]	72.1	[41.2,90.6]	48.6	[17.9,80.4]	62.2	[32.1,85.2]	61.8	[43.9,76.9]
No (n=18)	22.3	[4.0,66.6]	27.9	[9.4,58.8]	51.4	[19.6,82.1]	20.3	[8.8,40.4]	29.0	[18.1,43.1]
Don't know (n=4)	11.5	[1.3,55.5]	0.0		0.0		17.5	[3.2,57.7]	9.3	[2.2,31.3]
Total (n=59)	100.0		100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(6) =	7.9792									
Design-based F(4.17, 199.94) =	1.0419	Pr =	0.388							
Insurance: Medicaid										
Yes (n=834)	46.5	[40.0,53.2]	50.3	[45.3,55.4]	47.1	[41.0,53.3]	53.8	[48.1,59.3]	50.8	[47.7,53.9]
No (n=788)	53.5	[46.8,60.0]	49.7	[44.6,54.7]	52.9	[46.7,59.0]	46.2	[40.7,51.9]	49.2	[46.1,52.3]
Total (n=1,622)	100.0		100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(3) =	5.1853									
Design-based F(2.67, 4295.74) =	1.3418	Pr =	0.261							
Insurance: VA										
Yes (n=21)	2.7	[1.2,5.9]	0.9	[0.3,2.5]	0.4	[0.1,1.4]	1.9	[0.8,4.2]	1.4	[0.8,2.3]
No (n=1,601)	97.3	[94.1,98.8]	99.1	[97.5,99.7]	99.6	[98.6,99.9]	98.1	[95.8,99.2]	98.6	[97.7,99.2]
Total (n=1,622)	100.0		100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(3) =	6.4279									
Design-based F(2.60, 4182.61) =	2.1651	Pr =	0.099							
Insurance: Indian Health Service										
Yes (n=3)	1.0	[0.3,3.1]	0.0	0.0	0.0	0.1	[0.0,0.3]			
No (n=1,619)	99.0	[96.9,99.7]	100.0	100.0	100.0	99.9	[99.7,100.0]			
Total (n=1,622)	100.0		100.0	100.0	100.0	100.0				
Pearson: Uncorrected chi2(3) =	14.8067									
Design-based F(2.95, 4757.33) =	11.1377	Pr =	0.000							
Insurance: CHAMPUS, TRICARE, other military										
Yes (n=3)	0.0	0.4	[0.1,1.9]	0.0	0.5	[0.1,3.3]	0.3	[0.1,1.2]		
No (n=1,619)	100.0	99.6	[98.1,99.9]	100.0	99.5	[96.7,99.9]	99.7	[98.8,99.9]		
Total (n=1,622)	100.0	100.0		100.0	100.0		100.0			
Pearson: Uncorrected chi2(3) =	2.1861									
Design-based F(1.83, 2938.61) =	0.4783	Pr =	0.602							

Continued on next page

Continued from previous page

Insurance: Medicare										
Yes (n=5)	0.0	0.7	[0.2,1.9]	0.0	0.2	[0.0,1.4]	0.3	[0.1,0.7]		
No (n=1,617)	100.0	99.3	[98.1,99.8]	100.0	99.8	[98.6,100.0]	99.7	[99.3,99.9]		
Total (n=1,622)	100.0	100.0		100.0	100.0		100.0			
Pearson: Uncorrected chi2(3) =	4.3380									
Design-based F(2.30, 3695.39) =	1.8193	Pr =	0.156							
Insurance: County health plan										
Yes (n=127)	4.0	[2.2,7.2]	9.4	[7.1,12.4]	9.5	[6.8,13.2]	3.0	[1.7,5.1]	6.3	[5.2,7.7]
No (n=1,495)	96.0	[92.8,97.8]	90.6	[87.6,92.9]	90.5	[86.8,93.2]	97.0	[94.9,98.3]	93.7	[92.3,94.8]
Total (n=1,622)	100.0		100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(3) =	27.0187									
Design-based F(2.65, 4272.86) =	8.9071	Pr =	0.000							
Insurance: Other, record info										
Yes (n=83)	6.9	[4.3,11.0]	4.3	[2.6,7.0]	7.8	[5.2,11.8]	5.1	[3.0,8.7]	5.6	[4.3,7.3]
No (n=1,539)	93.1	[89.0,95.7]	95.7	[93.0,97.4]	92.2	[88.2,94.8]	94.9	[91.3,97.0]	94.4	[92.7,95.7]
Total (n=1,622)	100.0		100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(3) =	5.5224									
Design-based F(2.54, 4094.59) =	1.3247	Pr =	0.266							
Unspecified on someone else's insurance										
Yes (n=21)	0.6	[0.2,1.8]	0.8	[0.3,1.8]	1.3	[0.6,2.6]	0.7	[0.2,2.1]	0.8	[0.5,1.4]
No (n=4,069)	99.4	[98.2,99.8]	99.2	[98.2,99.7]	98.7	[97.4,99.4]	99.3	[97.9,99.8]	99.2	[98.6,99.5]
Total (n=4,090)	100.0		100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(3) =	2.4354									
Design-based F(2.41, 9813.95) =	0.4593	Pr =	0.668							
Insurance: Don't know										
Yes (n=23)	1.3	[0.5,3.6]	0.9	[0.4,2.1]	1.2	[0.3,4.4]	1.4	[0.8,2.7]	1.2	[0.8,1.9]
No (n=1,599)	98.7	[96.4,99.5]	99.1	[97.9,99.6]	98.8	[95.6,99.7]	98.6	[97.3,99.2]	98.8	[98.1,99.2]
Total (n=1,622)	100.0		100.0		100.0		100.0		100.0	
Pearson: Uncorrected chi2(3) =	0.6865									
Design-based F(2.50, 4018.76) =	0.2263	Pr =	0.844							

2.4 Demographics Table based on PCP/Outpatient Utilization

Universe: All respondents

	Low healthcare utilizers					
	Yes		No		Total	
	Percent	95%CI	Percent	95%CI	Percent	95%CI
FPL category						
0-35% (n=1,600)	58.9	[53.7,63.9]	50.6	[49.3,51.8]	51.8	[50.8,52.8]
36-99% (n=1,450)	24.2	[20.3,28.5]	29.2	[28.1,30.2]	28.4	[27.6,29.3]
≥ 100% (n = 1,040)	17.0	[13.8,20.6]	20.3	[19.4,21.1]	19.8	[19.1,20.4]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	14.6763					
Design-based F(1.93, 7851.49) =	4.6708	Pr =	0.010			
Region						
UP/NW/NE (n=746)	7.1	[5.5,9.1]	9.3	[8.9,9.8]	9.0	[8.6,9.4]
W/E Central/E (n=1,265)	24.4	[20.4,28.9]	29.4	[28.4,30.4]	28.6	[27.8,29.4]
S Central/SW/SE (n=837)	19.3	[15.4,23.8]	18.4	[17.6,19.3]	18.6	[17.8,19.3]
Detroit Metro (n=1,242)	49.2	[43.7,54.7]	42.9	[41.6,44.1]	43.8	[42.8,44.9]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(3) =	12.5763					
Design-based F(2.65, 10822.56) =	2.6830	Pr =	0.052			
Age						
19-34 (n=1,303)	55.4	[49.6,61.0]	37.2	[35.1,39.3]	40.0	[38.0,42.0]
35-50 (n=1,301)	31.8	[26.5,37.5]	34.4	[32.4,36.4]	34.0	[32.1,35.9]
51-64 (n=1,486)	12.8	[10.3,15.8]	28.4	[26.8,30.2]	26.0	[24.5,27.6]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	94.5710					
Design-based F(1.80, 7327.77) =	28.0266	Pr =	0.000			
Gender						
Male (n=1,681)	72.3	[67.3,76.8]	44.2	[42.1,46.2]	48.4	[46.5,50.4]
Female (n=2,409)	27.7	[23.2,32.7]	55.8	[53.8,57.9]	51.6	[49.6,53.5]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	167.3111					
Design-based F(1.00, 4078.00) =	92.9003	Pr =	0.000			
Race						
White (n=2,784)	51.0	[45.1,56.8]	63.0	[61.0,65.0]	61.2	[59.3,63.0]
Black or African American (n=807)	34.2	[28.5,40.4]	24.6	[22.8,26.5]	26.1	[24.3,27.9]
Other (n=306)	8.6	[5.8,12.6]	8.8	[7.7,10.1]	8.8	[7.7,10.0]
More than one (n=142)	6.2	[3.9,9.7]	3.6	[2.9,4.5]	4.0	[3.3,4.9]
Total (n=4,039)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(3) =	39.9311					
Design-based F(2.98, 11983.43) =	6.0386	Pr =	0.000			
Hispanic/Latino						
Yes (n=188)	4.8	[3.1,7.2]	5.3	[4.4,6.4]	5.2	[4.4,6.2]
No (n=3,856)	94.5	[91.7,96.4]	94.3	[93.1,95.2]	94.3	[93.3,95.2]
Don't know (n=12)	0.7	[0.2,3.5]	0.4	[0.2,0.8]	0.5	[0.2,0.9]
Total (n=4,056)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	1.5378					
Design-based F(1.82, 7379.24) =	0.3733	Pr =	0.669			
Arab, Chaldean, Middle Eastern						
Yes (n=204)	5.6	[3.3,9.4]	6.3	[5.3,7.4]	6.2	[5.3,7.2]
No (n=3,842)	94.1	[90.3,96.4]	93.5	[92.3,94.4]	93.6	[92.5,94.5]
Don't know (n=9)	0.3	[0.0,2.1]	0.3	[0.1,0.6]	0.3	[0.1,0.6]
Total (n=4,055)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	0.3785					
Design-based F(1.95, 7885.12) =	0.0880	Pr =	0.912			
Urbanicity						
Urban (n=2,892)	84.5	[81.0,87.5]	80.4	[79.3,81.5]	81.0	[80.0,82.0]
Suburban (n=400)	7.5	[5.4,10.5]	9.0	[8.1,10.0]	8.8	[7.9,9.7]
Rural (n=798)	8.0	[6.2,10.2]	10.6	[10.0,11.2]	10.2	[9.7,10.7]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	5.9843					
Design-based F(1.90, 7743.15) =	2.4765	Pr =	0.087			

Continued on next page

Continued from previous page

Medicaid Health Plan						
Aetna (n=58)	2.7	[1.3,5.5]	1.5	[1.0,2.1]	1.7	[1.2,2.3]
Blue Cross (n=356)	13.5	[9.5,18.9]	11.2	[9.9,12.8]	11.6	[10.2,13.1]
Harbor (n=18)	1.1	[0.2,5.6]	0.7	[0.4,1.2]	0.7	[0.4,1.3]
McLaren (n=633)	9.2	[6.8,12.2]	13.7	[12.5,15.1]	13.0	[11.9,14.2]
Meridian (n=1,265)	27.9	[23.3,33.0]	30.1	[28.3,32.1]	29.8	[28.1,31.6]
Midwest (n=3)	0.0		0.1	[0.0,0.2]	0.1	[0.0,0.2]
Molina (n=701)	19.5	[15.1,24.8]	17.7	[16.2,19.3]	18.0	[16.5,19.5]
Priority (n=268)	5.7	[3.9,8.4]	5.9	[5.2,6.8]	5.9	[5.2,6.7]
Total Health Care (n=85)	3.3	[1.5,7.2]	2.8	[2.1,3.6]	2.8	[2.2,3.7]
United (n=443)	13.9	[10.2,18.7]	13.1	[11.7,14.6]	13.2	[11.8,14.7]
Upper Peninsula Health Plan (n=258)	3.1	[2.1,4.6]	3.2	[2.8,3.6]	3.2	[2.8,3.6]
Total (n=4,088)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(10) =	19.9259					
Design-based F(8.02, 32707.10) =	0.9346	Pr =	0.486			
Employment status						
Employed or self-employed (n=2,079)	52.7	[46.8,58.4]	48.2	[46.2,50.2]	48.8	[47.0,50.7]
Out of work >=1 year (n=707)	20.7	[16.4,25.9]	19.5	[17.8,21.2]	19.7	[18.1,21.3]
Out of work <1 year (n=258)	13.9	[10.0,19.1]	6.8	[5.8,7.9]	7.9	[6.8,9.1]
Homemaker (n=217)	2.4	[1.1,5.0]	4.9	[4.2,5.8]	4.5	[3.8,5.3]
Student (n=161)	7.2	[4.7,10.9]	4.8	[3.9,5.9]	5.2	[4.3,6.2]
Retired (n=167)	0.7	[0.3,1.4]	2.8	[2.3,3.5]	2.5	[2.1,3.0]
Unable to work (n=479)	2.2	[1.1,4.3]	12.9	[11.6,14.3]	11.3	[10.1,12.5]
Don't know (n=7)	0.2	[0.0,0.9]	0.2	[0.1,0.4]	0.2	[0.1,0.4]
Total (n=4,075)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(7) =	112.2927					
Design-based F(6.06, 24619.94) =	9.4801	Pr =	0.000			
Veteran						
Yes (n=125)	3.3	[1.8,5.8]	3.4	[2.7,4.3]	3.4	[2.7,4.2]
No (n=3,958)	96.7	[94.2,98.2]	96.4	[95.6,97.2]	96.5	[95.7,97.2]
Don't know (n=3)	0.0		0.2	[0.0,0.6]	0.1	[0.0,0.5]
Total (n=4,086)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	0.9782					
Design-based F(1.94, 7904.21) =	0.2195	Pr =	0.796			
Marital status						
Married (n=1,008)	15.5	[12.2,19.5]	21.2	[19.8,22.8]	20.4	[19.0,21.8]
Partnered (n=185)	3.9	[2.1,6.9]	4.3	[3.6,5.2]	4.3	[3.6,5.1]
Divorced (n=865)	13.8	[10.6,17.9]	18.9	[17.4,20.5]	18.2	[16.8,19.6]
Widowed (n=147)	1.7	[0.9,3.3]	3.0	[2.4,3.7]	2.8	[2.3,3.4]
Separated (n=119)	1.1	[0.6,2.3]	3.1	[2.5,3.8]	2.8	[2.3,3.4]
Never Married (n=1,745)	64.0	[58.5,69.0]	49.4	[47.3,51.4]	51.6	[49.6,53.5]
Don't know (n=4)	0.0		0.1	[0.0,0.3]	0.1	[0.0,0.2]
Total (n=4,073)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(6) =	48.6902					
Design-based F(5.47, 22214.67) =	5.6944	Pr =	0.000			
Any chronic health condition present						
Yes (n=2,986)	41.8	[36.3,47.5]	74.1	[72.2,75.9]	69.2	[67.3,71.0]
No (n=1,104)	58.2	[52.5,63.7]	25.9	[24.1,27.8]	30.8	[29.0,32.7]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	258.9239					
Design-based F(1.00, 4078.00) =	126.9085	Pr =	0.000			
At least one physical health condition present						
Yes (n=2,689)	34.5	[29.4,40.1]	65.5	[63.5,67.5]	60.8	[58.8,62.8]
No (n=1,401)	65.5	[59.9,70.6]	34.5	[32.5,36.5]	39.2	[37.2,41.2]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	212.9730					
Design-based F(1.00, 4078.00) =	105.9885	Pr =	0.000			
At least one mental health condition present						
Yes (n=1,351)	18.3	[14.5,22.9]	34.6	[32.7,36.6]	32.1	[30.3,33.9]
No (n=2,739)	81.7	[77.1,85.5]	65.4	[63.4,67.3]	67.9	[66.1,69.7]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	64.5335					
Design-based F(1.00, 4078.00) =	34.4144	Pr =	0.000			

Continued on next page

Continued from previous page

Other household HMP enrollee						
Yes (n=1,592)	32.8	[27.9,38.0]	36.2	[34.4,38.1]	35.7	[34.0,37.5]
No (n=2,289)	57.4	[51.6,63.0]	58.1	[56.1,60.0]	58.0	[56.1,59.8]
Don't know (n=201)	9.9	[6.3,15.2]	5.7	[4.7,6.9]	6.3	[5.3,7.6]
Total (n=4,082)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	15.9988					
Design-based F(1.86, 7565.99) =	3.2445	Pr =	0.043			
Help reading written materials						
Never (n=3,031)	72.5	[67.0,77.4]	72.6	[70.7,74.5]	72.6	[70.8,74.3]
Rarely (n=413)	12.7	[9.4,16.9]	10.3	[9.1,11.7]	10.6	[9.5,12.0]
Sometimes (n=390)	11.3	[7.9,16.0]	10.5	[9.2,11.8]	10.6	[9.4,11.9]
Often (n=94)	1.7	[0.8,3.9]	2.5	[1.9,3.2]	2.4	[1.8,3.1]
Always (n=157)	1.7	[0.9,3.2]	4.1	[3.4,5.0]	3.7	[3.1,4.5]
Don't know (n=3)	0.1	[0.0,0.5]	0.0	[0.0,0.1]	0.0	[0.0,0.1]
Total (n=4,088)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(5) =	12.5557					
Design-based F(4.19, 17059.43) =	1.5902	Pr =	0.171			
High ER utilizers						
Yes (n=156)	2.0	[0.8,4.8]	4.9	[4.0,5.9]	4.4	[3.6,5.4]
No (n=3,934)	98.0	[95.2,99.2]	95.1	[94.1,96.0]	95.6	[94.6,96.4]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	10.1439					
Design-based F(1.00, 4078.00) =	4.0189	Pr =	0.045			
Chronic disease (HEDIS)						
Chronic disease (HEDIS) (n=1,161)	4.0	[2.6,6.3]	28.9	[27.1,30.8]	25.1	[23.5,26.8]
No chronic disease (n=2,929)	96.0	[93.7,97.4]	71.1	[69.2,72.9]	74.9	[73.2,76.5]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	173.8395					
Design-based F(1.00, 4078.00) =	122.9532	Pr =	0.000			
Mental health/substance use disorder (HEDIS)						
MH/SA (HEDIS) (n=2,034)	22.8	[18.2,28.1]	52.9	[50.8,55.0]	48.3	[46.4,50.3]
No MH/SA (n=2,056)	77.2	[71.9,81.8]	47.1	[45.0,49.2]	51.7	[49.7,53.6]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	191.7870					
Design-based F(1.00, 4078.00) =	87.9259	Pr =	0.000			
Any insurance pre-HMP						
Yes (n=1,667)	33.0	[27.9,38.7]	42.1	[40.0,44.1]	40.7	[38.8,42.6]
No (n=2,374)	65.2	[59.6,70.5]	56.5	[54.5,58.6]	57.9	[55.9,59.8]
Don't know (n=46)	1.7	[0.8,3.9]	1.4	[0.9,2.1]	1.4	[1.0,2.1]
Total (n=4,087)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	17.9403					
Design-based F(2.00, 8148.76) =	4.3892	Pr =	0.012			
Insurance duration pre-HMP						
All 12 months (n=1,235)	68.8	[59.5,76.9]	74.6	[71.6,77.3]	73.8	[71.1,76.5]
6-11 months (n=245)	13.4	[8.1,21.5]	15.4	[13.2,18.0]	15.2	[13.0,17.6]
Less than 6 months (n=129)	13.8	[8.7,21.2]	6.7	[5.3,8.4]	7.6	[6.2,9.3]
Don't know (n=58)	3.9	[1.7,8.8]	3.3	[2.3,4.7]	3.4	[2.5,4.7]
Total (n=1,667)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(3) =	13.5761					
Design-based F(2.96, 4898.72) =	2.6204	Pr =	0.050			
Insurance: Private, job						
Yes (n=409)	23.5	[16.2,32.8]	26.6	[23.8,29.6]	26.2	[23.6,29.0]
No (n=1,213)	76.5	[67.2,83.8]	73.4	[70.4,76.2]	73.8	[71.0,76.4]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	0.8796					
Design-based F(1.00, 1610.00) =	0.4491	Pr =	0.503			
Insurance: Private, self						
Yes (n=157)	14.5	[7.8,25.5]	9.6	[7.7,12.0]	10.2	[8.3,12.6]
No (n=1,465)	85.5	[74.5,92.2]	90.4	[88.0,92.3]	89.8	[87.4,91.7]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	4.4813					
Design-based F(1.00, 1610.00) =	1.5205	Pr =	0.218			

Continued on next page

Continued from previous page

Healthcare.gov insurance						
Yes (n=59)	29.3	[10.5,59.5]	31.9	[22.8,42.7]	31.5	[22.6,41.9]
No (n=75)	55.9	[26.5,81.7]	55.3	[43.7,66.4]	55.4	[44.1,66.2]
Don't know (n=18)	14.8	[4.9,37.1]	12.8	[6.7,22.9]	13.1	[7.6,21.7]
Total (n=152)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	0.1212					
Design-based F(1.82, 255.37) =	0.0323	Pr =	0.959			
Insurance subsidy						
Yes (n=37)	53.6	[10.4,92.0]	63.4	[46.7,77.4]	61.8	[43.9,76.9]
No (n=18)	9.9	[1.2,50.8]	32.8	[19.4,49.6]	29.0	[18.1,43.1]
Don't know (n=4)	36.5	[4.5,87.6]	3.9	[1.1,12.5]	9.3	[2.2,31.3]
Total (n=59)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	10.9679					
Design-based F(1.84, 88.42) =	3.5369	Pr =	0.037			
Insurance: Medicaid						
Yes (n=834)	49.2	[39.3,59.1]	51.0	[47.7,54.2]	50.8	[47.7,53.9]
No (n=788)	50.8	[40.9,60.7]	49.0	[45.8,52.3]	49.2	[46.1,52.3]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	0.2301					
Design-based F(1.00, 1610.00) =	0.1131	Pr =	0.737			
Insurance: VA						
Yes (n=21)	2.6	[0.9,7.0]	1.2	[0.6,2.2]	1.4	[0.8,2.3]
No (n=1,601)	97.4	[93.0,99.1]	98.8	[97.8,99.4]	98.6	[97.7,99.2]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	2.5862					
Design-based F(1.00, 1610.00) =	1.7355	Pr =	0.188			
Insurance: Indian Health Service						
Yes (n=3)	0.0	0.1	[0.0,0.3]	0.1	[0.0,0.3]	
No (n=1,619)	100.0	99.9	[99.7,100.0]	99.9	[99.7,100.0]	
Total (n=1,622)	100.0	100.0		100.0		
Pearson: Uncorrected chi2(1) =	0.1917					
Design-based F(1.00, 1610.00) =	0.3981	Pr =	0.528			
Insurance: CHAMPUS, TRICARE, other military						
Yes (n=3)	0.0	0.4	[0.1,1.4]	0.3	[0.1,1.2]	
No (n=1,619)	100.0	99.6	[98.6,99.9]	99.7	[98.8,99.9]	
Total (n=1,622)	100.0	100.0		100.0		
Pearson: Uncorrected chi2(1) =	0.7399					
Design-based F(1.00, 1610.00) =	0.3135	Pr =	0.576			
Insurance: Medicare						
Yes (n=5)	0.0	0.3	[0.1,0.8]	0.3	[0.1,0.7]	
No (n=1,617)	100.0	99.7	[99.2,99.9]	99.7	[99.3,99.9]	
Total (n=1,622)	100.0	100.0		100.0		
Pearson: Uncorrected chi2(1) =	0.6438					
Design-based F(1.00, 1610.00) =	0.6321	Pr =	0.427			
Insurance: County health plan						
Yes (n=127)	2.8	[1.1,6.7]	6.8	[5.6,8.3]	6.3	[5.2,7.7]
No (n=1,495)	97.2	[93.3,98.9]	93.2	[91.7,94.4]	93.7	[92.3,94.8]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	4.7126					
Design-based F(1.00, 1610.00) =	4.0066	Pr =	0.045			
Insurance: Other, record info						
Yes (n=83)	8.6	[4.1,17.1]	5.2	[3.9,6.8]	5.6	[4.3,7.3]
No (n=1,539)	91.4	[82.9,95.9]	94.8	[93.2,96.1]	94.4	[92.7,95.7]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	3.8206					
Design-based F(1.00, 1610.00) =	1.6191	Pr =	0.203			

Continued on next page

Continued from previous page

Unspecified on someone else's insurance						
Yes (n=21)	1.8	[0.6,5.1]	0.6	[0.4,1.1]	0.8	[0.5,1.4]
No (n=4,069)	98.2	[94.9,99.4]	99.4	[98.9,99.6]	99.2	[98.6,99.5]
Total (n=4,090)	100.0		100.0		100.0	
<hr/>						
Pearson: Uncorrected chi2(1) =	9.4417					
Design-based F(1.00, 4078.00) =	3.3875	Pr =	0.066			
<hr/>						
Insurance: Don't know						
Yes (n=23)	2.1	[0.6,7.3]	1.1	[0.7,1.8]	1.2	[0.8,1.9]
No (n=1,599)	97.9	[92.7,99.4]	98.9	[98.2,99.3]	98.8	[98.1,99.2]
Total (n=1,622)	100.0		100.0		100.0	
<hr/>						
Pearson: Uncorrected chi2(1) =	1.3500					
Design-based F(1.00, 1610.00) =	0.8271	Pr =	0.363			
<hr/>						

2.5 Demographics Table based on ER Utilization

Universe: All respondents

	Yes		High ER utilizers No		Total	
	Percent	95%CI	Percent	95%CI	Percent	95%CI
FPL category						
0-35% (n=1,600)	64.0	[54.9,72.2]	51.3	[50.2,52.3]	51.8	[50.8,52.8]
36-99% (n=1,450)	23.6	[17.1,31.7]	28.6	[27.7,29.5]	28.4	[27.6,29.3]
≥ 100% (n = 1,040)	12.4	[7.9,18.8]	20.1	[19.4,20.8]	19.8	[19.1,20.4]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	12.1465					
Design-based F(1.95, 7964.05) =	4.3746	Pr =	0.013			
Region						
UP/NW/NE (n=746)	6.2	[3.7,10.1]	9.1	[8.7,9.5]	9.0	[8.6,9.4]
W/E Central/E (n=1,265)	29.0	[21.5,37.7]	28.6	[27.7,29.5]	28.6	[27.8,29.4]
S Central/SW/SE (n=837)	22.0	[15.9,29.7]	18.4	[17.6,19.3]	18.6	[17.8,19.3]
Detroit Metro (n=1,242)	42.8	[32.8,53.4]	43.9	[42.8,45.0]	43.8	[42.8,44.9]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(3) =	2.9173					
Design-based F(2.54, 10346.62) =	0.7052	Pr =	0.526			
Age						
19-34 (n=1,303)	52.2	[42.1,62.1]	39.4	[37.4,41.4]	40.0	[38.0,42.0]
35-50 (n=1,301)	39.8	[30.3,50.1]	33.7	[31.8,35.7]	34.0	[32.1,35.9]
51-64 (n=1,486)	8.1	[4.6,13.7]	26.9	[25.3,28.5]	26.0	[24.5,27.6]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	32.4084					
Design-based F(1.89, 7696.66) =	10.0286	Pr =	0.000			
Gender						
Male (n=1,681)	36.0	[27.0,46.1]	49.0	[47.0,51.0]	48.4	[46.5,50.4]
Female (n=2,409)	64.0	[53.9,73.0]	51.0	[49.0,53.0]	51.6	[49.6,53.5]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	11.7672					
Design-based F(1.00, 4078.00) =	6.2347	Pr =	0.013			
Race						
White (n=2,784)	63.2	[53.1,72.3]	61.1	[59.1,63.0]	61.2	[59.3,63.0]
Black or African American (n=807)	29.1	[20.7,39.2]	25.9	[24.2,27.8]	26.1	[24.3,27.9]
Other (n=306)	5.1	[2.3,10.7]	8.9	[7.8,10.2]	8.8	[7.7,10.0]
More than one (n=142)	2.6	[0.9,7.2]	4.1	[3.3,5.0]	4.0	[3.3,4.9]
Total (n=4,039)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(3) =	4.6149					
Design-based F(2.91, 11732.57) =	0.9540	Pr =	0.412			
Hispanic/Latino						
Yes (n=188)	5.5	[2.4,12.2]	5.2	[4.4,6.2]	5.2	[4.4,6.2]
No (n=3,856)	93.3	[86.1,96.9]	94.4	[93.3,95.2]	94.3	[93.3,95.2]
Don't know (n=12)	1.2	[0.2,8.3]	0.4	[0.2,0.8]	0.5	[0.2,0.9]
Total (n=4,056)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	2.5761					
Design-based F(1.98, 8014.18) =	0.6330	Pr =	0.530			
Arab, Chaldean, Middle Eastern						
Yes (n=204)	2.5	[0.7,8.5]	6.3	[5.4,7.4]	6.2	[5.3,7.2]
No (n=3,842)	97.5	[91.5,99.3]	93.4	[92.3,94.3]	93.6	[92.5,94.5]
Don't know (n=9)	0.0		0.3	[0.1,0.6]	0.3	[0.1,0.6]
Total (n=4,055)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	4.9519					
Design-based F(1.98, 8014.64) =	1.4218	Pr =	0.241			
Urbanicity						
Urban (n=2,892)	84.2	[77.7,89.0]	80.9	[79.8,81.9]	81.0	[80.0,82.0]
Suburban (n=400)	9.3	[5.6,15.1]	8.8	[7.9,9.7]	8.8	[7.9,9.7]
Rural (n=798)	6.5	[4.0,10.5]	10.4	[9.8,10.9]	10.2	[9.7,10.7]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	2.7641					
Design-based F(1.90, 7759.61) =	1.3730	Pr =	0.253			

Continued on next page

Continued from previous page

Medicaid Health Plan						
Aetna (n=58)	1.6	[0.5,4.9]	1.7	[1.2,2.3]	1.7	[1.2,2.3]
Blue Cross (n=356)	15.2	[8.1,26.6]	11.4	[10.1,12.9]	11.6	[10.2,13.1]
Harbor (n=18)	0.0		0.8	[0.4,1.4]	0.7	[0.4,1.3]
McLaren (n=633)	13.1	[8.5,19.8]	13.0	[11.9,14.3]	13.0	[11.9,14.2]
Meridian (n=1,265)	33.0	[24.3,43.1]	29.7	[27.9,31.5]	29.8	[28.1,31.6]
Midwest (n=3)	0.0		0.1	[0.0,0.2]	0.1	[0.0,0.2]
Molina (n=701)	20.0	[12.9,29.5]	17.9	[16.4,19.5]	18.0	[16.5,19.5]
Priority (n=268)	5.1	[2.6,9.8]	5.9	[5.2,6.8]	5.9	[5.2,6.7]
Total Health Care (n=85)	3.5	[1.3,9.1]	2.8	[2.2,3.7]	2.8	[2.2,3.7]
United (n=443)	7.1	[3.6,13.4]	13.5	[12.1,15.0]	13.2	[11.8,14.7]
Upper Peninsula Health Plan (n=258)	1.4	[0.5,3.7]	3.3	[2.9,3.7]	3.2	[2.8,3.6]
Total (n=4,088)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(10) =	12.4452					
Design-based F(8.23, 33561.98) =	0.7954	Pr =	0.610			
Employment status						
Employed or self-employed (n=2,079)	40.8	[31.2,51.2]	49.2	[47.3,51.1]	48.8	[47.0,50.7]
Out of work >=1 year (n=707)	19.8	[12.5,30.1]	19.7	[18.1,21.3]	19.7	[18.1,21.3]
Out of work <1 year (n=258)	10.6	[6.1,17.7]	7.7	[6.7,9.0]	7.9	[6.8,9.1]
Homemaker (n=217)	6.3	[2.6,14.6]	4.4	[3.8,5.2]	4.5	[3.8,5.3]
Student (n=161)	1.1	[0.3,4.5]	5.4	[4.4,6.5]	5.2	[4.3,6.2]
Retired (n=167)	0.9	[0.3,2.9]	2.6	[2.1,3.1]	2.5	[2.1,3.0]
Unable to work (n=479)	19.8	[13.5,28.0]	10.9	[9.7,12.1]	11.3	[10.1,12.5]
Don't know (n=7)	0.7	[0.1,4.6]	0.1	[0.1,0.4]	0.2	[0.1,0.4]
Total (n=4,075)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(7) =	28.4732					
Design-based F(6.10, 24779.19) =	2.6654	Pr =	0.013			
Veteran						
Yes (n=125)	3.4	[1.4,8.2]	3.4	[2.7,4.2]	3.4	[2.7,4.2]
No (n=3,958)	96.6	[91.8,98.6]	96.5	[95.7,97.2]	96.5	[95.7,97.2]
Don't know (n=3)	0.0		0.1	[0.0,0.5]	0.1	[0.0,0.5]
Total (n=4,086)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	0.2461					
Design-based F(1.82, 7416.34) =	0.0621	Pr =	0.926			
Marital status						
Married (n=1,008)	14.4	[9.3,21.7]	20.6	[19.2,22.1]	20.4	[19.0,21.8]
Partnered (n=185)	2.7	[1.2,6.0]	4.3	[3.7,5.2]	4.3	[3.6,5.1]
Divorced (n=865)	26.3	[18.0,36.7]	17.8	[16.4,19.2]	18.2	[16.8,19.6]
Widowed (n=147)	2.3	[0.7,7.6]	2.8	[2.3,3.4]	2.8	[2.3,3.4]
Separated (n=119)	2.9	[1.2,6.9]	2.8	[2.2,3.5]	2.8	[2.3,3.4]
Never Married (n=1,745)	51.4	[41.3,61.3]	51.6	[49.6,53.5]	51.6	[49.6,53.5]
Don't know (n=4)	0.0		0.1	[0.0,0.3]	0.1	[0.0,0.2]
Total (n=4,073)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(6) =	11.5710					
Design-based F(5.44, 22092.04) =	1.4239	Pr =	0.207			
Any chronic health condition present						
Yes (n=2,986)	82.3	[74.1,88.3]	68.6	[66.6,70.5]	69.2	[67.3,71.0]
No (n=1,104)	17.7	[11.7,25.9]	31.4	[29.5,33.4]	30.8	[29.0,32.7]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	15.3146					
Design-based F(1.00, 4078.00) =	9.4350	Pr =	0.002			
At least one physical health condition present						
Yes (n=2,689)	68.2	[57.3,77.4]	60.4	[58.4,62.4]	60.8	[58.8,62.8]
No (n=1,401)	31.8	[22.6,42.7]	39.6	[37.6,41.6]	39.2	[37.2,41.2]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	4.3965					
Design-based F(1.00, 4078.00) =	1.9808	Pr =	0.159			
At least one mental health condition present						
Yes (n=1,351)	55.8	[45.7,65.5]	31.0	[29.2,32.9]	32.1	[30.3,33.9]
No (n=2,739)	44.2	[34.5,54.3]	69.0	[67.1,70.8]	67.9	[66.1,69.7]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	48.7653					
Design-based F(1.00, 4078.00) =	25.7371	Pr =	0.000			

Continued on next page

Continued from previous page

Other household HMP enrollee						
Yes (n=1,592)	35.5	[27.1,44.9]	35.7	[33.9,37.5]	35.7	[34.0,37.5]
No (n=2,289)	57.3	[47.6,66.6]	58.0	[56.0,59.9]	58.0	[56.1,59.8]
Don't know (n=201)	7.2	[3.6,13.8]	6.3	[5.2,7.6]	6.3	[5.3,7.6]
Total (n=4,082)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	0.2203					
Design-based F(1.99, 8096.17) =	0.0647	Pr =	0.937			
Help reading written materials						
Never (n=3,031)	66.9	[56.9,75.6]	72.9	[71.0,74.6]	72.6	[70.8,74.3]
Rarely (n=413)	11.1	[6.6,18.1]	10.6	[9.4,12.0]	10.6	[9.5,12.0]
Sometimes (n=390)	14.2	[8.0,23.8]	10.4	[9.2,11.8]	10.6	[9.4,11.9]
Often (n=94)	2.2	[0.9,5.5]	2.4	[1.8,3.1]	2.4	[1.8,3.1]
Always (n=157)	5.7	[2.6,11.7]	3.6	[3.0,4.4]	3.7	[3.1,4.5]
Don't know (n=3)	0.0		0.0	[0.0,0.1]	0.0	[0.0,0.1]
Total (n=4,088)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(5) =	5.1236					
Design-based F(4.21, 17170.27) =	0.7439	Pr =	0.569			
Low healthcare utilizers						
Yes (n=491)	6.9	[2.9,15.7]	15.6	[14.1,17.3]	15.2	[13.7,16.9]
No (n=3,599)	93.1	[84.3,97.1]	84.4	[82.7,85.9]	84.8	[83.1,86.3]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	10.1439					
Design-based F(1.00, 4078.00) =	4.0189	Pr =	0.045			
Chronic disease (HEDIS)						
Chronic disease (HEDIS) (n=1,161)	36.9	[28.1,46.6]	24.6	[23.0,26.2]	25.1	[23.5,26.8]
No chronic disease (n=2,929)	63.1	[53.4,71.9]	75.4	[73.8,77.0]	74.9	[73.2,76.5]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	13.9310					
Design-based F(1.00, 4078.00) =	7.9572	Pr =	0.005			
Mental health/substance use disorder (HEDIS)						
MH/SA (HEDIS) (n=2,034)	84.0	[75.7,89.8]	46.7	[44.7,48.7]	48.3	[46.4,50.3]
No MH/SA (n=2,056)	16.0	[10.2,24.3]	53.3	[51.3,55.3]	51.7	[49.7,53.6]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	96.1607					
Design-based F(1.00, 4078.00) =	56.6746	Pr =	0.000			
Any insurance pre-HMP						
Yes (n=1,667)	43.2	[33.3,53.7]	40.6	[38.6,42.5]	40.7	[38.8,42.6]
No (n=2,374)	55.4	[44.9,65.3]	58.0	[56.0,59.9]	57.9	[55.9,59.8]
Don't know (n=46)	1.4	[0.3,6.0]	1.4	[1.0,2.1]	1.4	[1.0,2.1]
Total (n=4,087)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	0.4999					
Design-based F(1.95, 7962.26) =	0.1424	Pr =	0.863			
Insurance duration pre-HMP						
All 12 months (n=1,235)	77.4	[63.1,87.3]	73.7	[70.8,76.3]	73.8	[71.1,76.5]
6-11 months (n=245)	14.4	[6.8,28.1]	15.2	[13.0,17.7]	15.2	[13.0,17.6]
Less than 6 months (n=129)	4.3	[1.3,14.0]	7.7	[6.3,9.5]	7.6	[6.2,9.3]
Don't know (n=58)	3.8	[1.3,10.4]	3.4	[2.4,4.7]	3.4	[2.5,4.7]
Total (n=1,667)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(3) =	1.3330					
Design-based F(2.78, 4608.39) =	0.3269	Pr =	0.791			
Insurance: Private, job						
Yes (n=409)	10.0	[4.6,20.3]	27.0	[24.3,29.9]	26.2	[23.6,29.0]
No (n=1,213)	90.0	[79.7,95.4]	73.0	[70.1,75.7]	73.8	[71.0,76.4]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	10.6710					
Design-based F(1.00, 1610.00) =	8.7742	Pr =	0.003			
Insurance: Private, self						
Yes (n=157)	15.0	[4.6,38.9]	10.0	[8.1,12.3]	10.2	[8.3,12.6]
No (n=1,465)	85.0	[61.1,95.4]	90.0	[87.7,91.9]	89.8	[87.4,91.7]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	1.8973					
Design-based F(1.00, 1610.00) =	0.4783	Pr =	0.489			

Continued on next page

Continued from previous page

Healthcare.gov insurance						
Yes (n=59)	5.3	[0.5,37.0]	33.4	[24.2,44.1]	31.5	[22.6,41.9]
No (n=75)	94.7	[63.0,99.5]	52.5	[41.0,63.7]	55.4	[44.1,66.2]
Don't know (n=18)	0.0		14.1	[8.2,23.2]	13.1	[7.6,21.7]
Total (n=152)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	7.0652					
Design-based F(1.34, 187.93) =	1.8170	Pr =	0.177			
Insurance subsidy						
Yes (n=37)	0.0	62.5	[44.4,77.7]	61.8	[43.9,76.9]	
No (n=18)	0.0	29.3	[18.3,43.5]	29.0	[18.1,43.1]	
Don't know (n=4)	100.0	8.2	[1.7,32.0]	9.3	[2.2,31.3]	
Total (n=59)	100.0	100.0		100.0		
Pearson: Uncorrected chi2(2) =	6.7494					
Design-based F(1.91, 91.90) =	3.0235	Pr =	0.056			
Insurance: Medicaid						
Yes (n=834)	64.6	[45.6,79.9]	50.1	[47.0,53.2]	50.8	[47.7,53.9]
No (n=788)	35.4	[20.1,54.4]	49.9	[46.8,53.0]	49.2	[46.1,52.3]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	6.0083					
Design-based F(1.00, 1610.00) =	2.2642	Pr =	0.133			
Insurance: VA						
Yes (n=21)	0.8	[0.1,5.7]	1.4	[0.8,2.4]	1.4	[0.8,2.3]
No (n=1,601)	99.2	[94.3,99.9]	98.6	[97.6,99.2]	98.6	[97.7,99.2]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	0.1737					
Design-based F(1.00, 1610.00) =	0.2666	Pr =	0.606			
Insurance: Indian Health Service						
Yes (n=3)	0.0	0.1	[0.0,0.3]	0.1	[0.0,0.3]	
No (n=1,619)	100.0	99.9	[99.7,100.0]	99.9	[99.7,100.0]	
Total (n=1,622)	100.0	100.0		100.0		
Pearson: Uncorrected chi2(1) =	0.0664					
Design-based F(1.00, 1610.00) =	0.1310	Pr =	0.717			
Insurance: CHAMPUS, TRICARE, other military						
Yes (n=3)	4.2	[0.6,24.6]	0.1	[0.0,0.6]	0.3	[0.1,1.2]
No (n=1,619)	95.8	[75.4,99.4]	99.9	[99.4,100.0]	99.7	[98.8,99.9]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	36.9472					
Design-based F(1.00, 1610.00) =	18.4921	Pr =	0.000			
Insurance: Medicare						
Yes (n=5)	1.4	[0.2,9.3]	0.2	[0.1,0.6]	0.3	[0.1,0.7]
No (n=1,617)	98.6	[90.7,99.8]	99.8	[99.4,99.9]	99.7	[99.3,99.9]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	3.2988					
Design-based F(1.00, 1610.00) =	3.1855	Pr =	0.074			
Insurance: County health plan						
Yes (n=127)	1.6	[0.4,6.7]	6.6	[5.4,8.0]	6.3	[5.2,7.7]
No (n=1,495)	98.4	[93.3,99.6]	93.4	[92.0,94.6]	93.7	[92.3,94.8]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	2.9139					
Design-based F(1.00, 1610.00) =	4.2929	Pr =	0.038			
Insurance: Other, record info						
Yes (n=83)	4.2	[0.6,24.2]	5.7	[4.3,7.4]	5.6	[4.3,7.3]
No (n=1,539)	95.8	[75.8,99.4]	94.3	[92.6,95.7]	94.4	[92.7,95.7]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	0.3054					
Design-based F(1.00, 1610.00) =	0.1004	Pr =	0.751			

Continued on next page

Continued from previous page

Unspecified on someone else's insurance					
Yes (n=21)	0.0	0.9	[0.5,1.4]	0.8	[0.5,1.4]
No (n=4,069)	100.0	99.1	[98.6,99.5]	99.2	[98.6,99.5]
Total (n=4,090)	100.0	100.0		100.0	
<hr/>					
Pearson: Uncorrected chi2(1) =	1.5556				
Design-based F(1.00, 4078.00) =	0.6867	Pr =	0.407		
<hr/>					
Insurance: Don't know					
Yes (n=23)	0.0	1.3	[0.8,2.0]	1.2	[0.8,1.9]
No (n=1,599)	100.0	98.7	[98.0,99.2]	98.8	[98.1,99.2]
Total (n=1,622)	100.0	100.0		100.0	
<hr/>					
Pearson: Uncorrected chi2(1) =	0.9761				
Design-based F(1.00, 1610.00) =	0.7123	Pr =	0.399		

2.6 Demographics Table by Presence of a Chronic Disease (HEDIS)

Universe: All respondents

	Chronic disease (HEDIS)		Chronic disease (HEDIS)		Percent	Total 95%CI
	Percent	95%CI	No chronic disease Percent	95%CI		
FPL category						
0-35% (n=1,600)	56.2	[53.2,59.2]	50.4	[48.7,52.0]	51.8	[50.8,52.8]
36-99% (n=1,450)	25.9	[23.4,28.4]	29.3	[27.9,30.6]	28.4	[27.6,29.3]
≥ 100% (n = 1,040)	17.9	[15.8,20.2]	20.4	[19.3,21.5]	19.8	[19.1,20.4]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	10.6441					
Design-based F(1.95, 7972.30) =	4.3624	Pr =	0.013			
Region						
UP/NW/NE (n=746)	8.7	[7.6,10.0]	9.1	[8.5,9.7]	9.0	[8.6,9.4]
W/E Central/E (n=1,265)	30.6	[28.0,33.4]	27.9	[26.6,29.3]	28.6	[27.8,29.4]
S Central/SW/SE (n=837)	16.2	[14.2,18.3]	19.4	[18.2,20.6]	18.6	[17.8,19.3]
Detroit Metro (n=1,242)	44.5	[41.3,47.7]	43.6	[41.9,45.3]	43.8	[42.8,44.9]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(3) =	6.3971					
Design-based F(2.68, 10928.91) =	1.9030	Pr =	0.134			
Age						
19-34 (n=1,303)	17.8	[15.0,21.1]	47.4	[45.0,49.7]	40.0	[38.0,42.0]
35-50 (n=1,301)	39.1	[35.6,42.7]	32.3	[30.1,34.5]	34.0	[32.1,35.9]
51-64 (n=1,486)	43.1	[39.7,46.5]	20.3	[18.8,22.0]	26.0	[24.5,27.6]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	331.1698					
Design-based F(1.95, 7965.88) =	108.1525	Pr =	0.000			
Gender						
Male (n=1,681)	48.7	[45.1,52.3]	48.4	[46.0,50.7]	48.4	[46.5,50.4]
Female (n=2,409)	51.3	[47.7,54.9]	51.6	[49.3,54.0]	51.6	[49.6,53.5]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	0.0270					
Design-based F(1.00, 4078.00) =	0.0182	Pr =	0.893			
Race						
White (n=2,784)	63.0	[59.4,66.5]	60.5	[58.2,62.8]	61.2	[59.3,63.0]
Black or African American (n=807)	27.2	[23.9,30.6]	25.7	[23.6,27.9]	26.1	[24.3,27.9]
Other (n=306)	7.4	[5.7,9.5]	9.2	[7.9,10.7]	8.8	[7.7,10.0]
More than one (n=142)	2.4	[1.7,3.6]	4.5	[3.6,5.6]	4.0	[3.3,4.9]
Total (n=4,039)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(3) =	12.5515					
Design-based F(2.92, 11741.74) =	2.9778	Pr =	0.032			
Hispanic/Latino						
Yes (n=188)	4.1	[2.8,6.0]	5.6	[4.6,6.8]	5.2	[4.4,6.2]
No (n=3,856)	95.2	[93.1,96.6]	94.0	[92.8,95.0]	94.3	[93.3,95.2]
Don't know (n=12)	0.7	[0.3,1.9]	0.4	[0.2,0.9]	0.5	[0.2,0.9]
Total (n=4,056)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	5.2646					
Design-based F(1.99, 8036.48) =	1.4342	Pr =	0.238			
Arab, Chaldean, Middle Eastern						
Yes (n=204)	5.6	[3.9,8.0]	6.3	[5.3,7.6]	6.2	[5.3,7.2]
No (n=3,842)	93.7	[91.3,95.5]	93.5	[92.3,94.6]	93.6	[92.5,94.5]
Don't know (n=9)	0.7	[0.2,1.8]	0.2	[0.1,0.4]	0.3	[0.1,0.6]
Total (n=4,055)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	7.5458					
Design-based F(1.96, 7936.29) =	2.2003	Pr =	0.112			
Urbanicity						
Urban (n=2,892)	80.3	[78.0,82.4]	81.3	[80.0,82.5]	81.0	[80.0,82.0]
Suburban (n=400)	9.6	[8.0,11.5]	8.5	[7.5,9.6]	8.8	[7.9,9.7]
Rural (n=798)	10.1	[8.8,11.6]	10.2	[9.5,11.0]	10.2	[9.7,10.7]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	1.2135					
Design-based F(1.93, 7870.19) =	0.6737	Pr =	0.505			

Continued on next page

Continued from previous page

Medicaid Health Plan						
Aetna (n=58)	2.7	[1.6,4.5]	1.4	[0.9,2.0]	1.7	[1.2,2.3]
Blue Cross (n=356)	10.2	[7.9,13.0]	12.1	[10.5,13.9]	11.6	[10.2,13.1]
Harbor (n=18)	0.7	[0.3,1.8]	0.8	[0.4,1.5]	0.7	[0.4,1.3]
McLaren (n=633)	14.4	[12.2,16.9]	12.6	[11.3,14.0]	13.0	[11.9,14.2]
Meridian (n=1,265)	29.8	[26.8,33.1]	29.8	[27.7,31.9]	29.8	[28.1,31.6]
Midwest (n=3)	0.0		0.1	[0.0,0.2]	0.1	[0.0,0.2]
Molina (n=701)	18.7	[16.0,21.7]	17.7	[16.0,19.6]	18.0	[16.5,19.5]
Priority (n=268)	6.0	[4.6,7.8]	5.9	[5.0,6.8]	5.9	[5.2,6.7]
Total Health Care (n=85)	3.8	[2.6,5.6]	2.5	[1.8,3.5]	2.8	[2.2,3.7]
United (n=443)	11.4	[9.3,13.9]	13.8	[12.2,15.6]	13.2	[11.8,14.7]
Upper Peninsula Health Plan (n=258)	2.2	[1.6,3.0]	3.5	[3.1,4.0]	3.2	[2.8,3.6]
Total (n=4,088)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(10) =	25.3304					
Design-based F(9.05, 36878.20) =	1.7323	Pr =	0.076			
Employment status						
Employed or self-employed (n=2,079)	39.0	[35.7,42.5]	52.1	[49.9,54.4]	48.8	[47.0,50.7]
Out of work >=1 year (n=707)	22.6	[19.6,25.9]	18.7	[16.9,20.7]	19.7	[18.1,21.3]
Out of work <1 year (n=258)	5.4	[4.0,7.2]	8.7	[7.4,10.2]	7.9	[6.8,9.1]
Homemaker (n=217)	4.5	[3.2,6.4]	4.5	[3.8,5.4]	4.5	[3.8,5.3]
Student (n=161)	2.7	[1.6,4.4]	6.0	[4.9,7.3]	5.2	[4.3,6.2]
Retired (n=167)	4.1	[3.0,5.6]	2.0	[1.5,2.5]	2.5	[2.1,3.0]
Unable to work (n=479)	21.5	[18.8,24.6]	7.8	[6.7,9.1]	11.3	[10.1,12.5]
Don't know (n=7)	0.1	[0.0,0.3]	0.2	[0.1,0.5]	0.2	[0.1,0.4]
Total (n=4,075)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(7) =	202.8911					
Design-based F(6.42, 26086.51) =	21.6056	Pr =	0.000			
Veteran						
Yes (n=125)	3.6	[2.5,5.1]	3.3	[2.6,4.3]	3.4	[2.7,4.2]
No (n=3,958)	96.4	[94.8,97.4]	96.5	[95.5,97.3]	96.5	[95.7,97.2]
Don't know (n=3)	0.1	[0.0,0.4]	0.2	[0.0,0.7]	0.1	[0.0,0.5]
Total (n=4,086)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	0.7885					
Design-based F(1.85, 7549.45) =	0.3620	Pr =	0.680			
Marital status						
Married (n=1,008)	22.5	[19.9,25.4]	19.6	[18.1,21.3]	20.4	[19.0,21.8]
Partnered (n=185)	4.7	[3.4,6.4]	4.1	[3.4,5.1]	4.3	[3.6,5.1]
Divorced (n=865)	23.7	[21.0,26.7]	16.3	[14.7,18.0]	18.2	[16.8,19.6]
Widowed (n=147)	3.6	[2.6,5.1]	2.5	[1.9,3.2]	2.8	[2.3,3.4]
Separated (n=119)	4.0	[2.9,5.5]	2.4	[1.8,3.1]	2.8	[2.3,3.4]
Never Married (n=1,745)	41.4	[37.9,45.1]	55.0	[52.7,57.2]	51.6	[49.6,53.5]
Don't know (n=4)	0.0		0.1	[0.0,0.3]	0.1	[0.0,0.2]
Total (n=4,073)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(6) =	66.4268					
Design-based F(5.90, 23952.14) =	8.8689	Pr =	0.000			
Any chronic health condition present						
Yes (n=2,986)	92.0	[89.6,93.9]	61.5	[59.2,63.8]	69.2	[67.3,71.0]
No (n=1,104)	8.0	[6.1,10.4]	38.5	[36.2,40.8]	30.8	[29.0,32.7]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	335.1254					
Design-based F(1.00, 4078.00) =	204.8324	Pr =	0.000			
At least one physical health condition present						
Yes (n=2,689)	90.3	[87.7,92.4]	50.9	[48.6,53.2]	60.8	[58.8,62.8]
No (n=1,401)	9.7	[7.6,12.3]	49.1	[46.8,51.4]	39.2	[37.2,41.2]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	500.4832					
Design-based F(1.00, 4078.00) =	298.3920	Pr =	0.000			
At least one mental health condition present						
Yes (n=1,351)	39.0	[35.5,42.5]	29.8	[27.8,32.0]	32.1	[30.3,33.9]
No (n=2,739)	61.0	[57.5,64.5]	70.2	[68.0,72.2]	67.9	[66.1,69.7]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	29.4609					
Design-based F(1.00, 4078.00) =	20.0280	Pr =	0.000			

Continued on next page

Continued from previous page

Other household HMP enrollee						
Yes (n=1,592)	34.6	[31.4,38.0]	36.0	[34.0,38.2]	35.7	[34.0,37.5]
No (n=2,289)	61.1	[57.6,64.5]	56.9	[54.6,59.2]	58.0	[56.1,59.8]
Don't know (n=201)	4.3	[2.8,6.5]	7.0	[5.8,8.5]	6.3	[5.3,7.6]
Total (n=4,082)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	11.8831					
Design-based F(1.90, 7751.37) =	3.3550	Pr =	0.037			
Help reading written materials						
Never (n=3,031)	67.0	[63.4,70.3]	74.5	[72.4,76.5]	72.6	[70.8,74.3]
Rarely (n=413)	10.0	[7.9,12.5]	10.9	[9.5,12.4]	10.6	[9.5,12.0]
Sometimes (n=390)	12.1	[10.0,14.6]	10.1	[8.7,11.7]	10.6	[9.4,11.9]
Often (n=94)	3.6	[2.4,5.4]	2.0	[1.4,2.7]	2.4	[1.8,3.1]
Always (n=157)	7.3	[5.5,9.7]	2.5	[2.0,3.2]	3.7	[3.1,4.5]
Don't know (n=3)	0.0		0.0	[0.0,0.2]	0.0	[0.0,0.1]
Total (n=4,088)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(5) =	65.8203					
Design-based F(4.58, 18669.46) =	9.7108	Pr =	0.000			
Low healthcare utilizers						
Yes (n=491)	2.5	[1.6,3.8]	19.5	[17.6,21.7]	15.2	[13.7,16.9]
No (n=3,599)	97.5	[96.2,98.4]	80.5	[78.3,82.4]	84.8	[83.1,86.3]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	173.8395					
Design-based F(1.00, 4078.00) =	122.9532	Pr =	0.000			
High ER utilizers						
Yes (n=156)	6.5	[4.9,8.6]	3.7	[2.9,4.8]	4.4	[3.6,5.4]
No (n=3,934)	93.5	[91.4,95.1]	96.3	[95.2,97.1]	95.6	[94.6,96.4]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	13.9310					
Design-based F(1.00, 4078.00) =	7.9572	Pr =	0.005			
Mental health/substance use disorder (HEDIS)						
MH/SA (HEDIS) (n=2,034)	62.4	[58.8,65.8]	43.6	[41.3,45.9]	48.3	[46.4,50.3]
No MH/SA (n=2,056)	37.6	[34.2,41.2]	56.4	[54.1,58.7]	51.7	[49.7,53.6]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	108.6418					
Design-based F(1.00, 4078.00) =	73.0804	Pr =	0.000			
Any insurance pre-HMP						
Yes (n=1,667)	40.6	[37.2,44.2]	40.7	[38.4,43.0]	40.7	[38.8,42.6]
No (n=2,374)	57.6	[54.0,61.1]	58.0	[55.6,60.2]	57.9	[55.9,59.8]
Don't know (n=46)	1.7	[0.8,3.9]	1.3	[0.9,2.0]	1.4	[1.0,2.1]
Total (n=4,087)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	0.9928					
Design-based F(1.82, 7406.62) =	0.2363	Pr =	0.768			
Insurance duration pre-HMP						
All 12 months (n=1,235)	75.7	[70.8,80.0]	73.2	[69.9,76.4]	73.8	[71.1,76.5]
6-11 months (n=245)	16.0	[12.3,20.5]	14.9	[12.4,17.8]	15.2	[13.0,17.6]
Less than 6 months (n=129)	4.8	[3.1,7.5]	8.5	[6.8,10.7]	7.6	[6.2,9.3]
Don't know (n=58)	3.5	[2.1,5.8]	3.4	[2.3,5.0]	3.4	[2.5,4.7]
Total (n=1,667)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(3) =	6.0679					
Design-based F(2.96, 4906.63) =	1.5816	Pr =	0.192			
Insurance: Private, job						
Yes (n=409)	24.0	[19.7,28.9]	27.0	[23.8,30.4]	26.2	[23.6,29.0]
No (n=1,213)	76.0	[71.1,80.3]	73.0	[69.6,76.2]	73.8	[71.0,76.4]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	1.3741					
Design-based F(1.00, 1610.00) =	1.0385	Pr =	0.308			
Insurance: Private, self						
Yes (n=157)	5.1	[3.1,8.4]	11.9	[9.5,14.9]	10.2	[8.3,12.6]
No (n=1,465)	94.9	[91.6,96.9]	88.1	[85.1,90.5]	89.8	[87.4,91.7]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	15.4049					
Design-based F(1.00, 1610.00) =	9.8951	Pr =	0.002			

Continued on next page

Continued from previous page

Healthcare.gov insurance						
Yes (n=59)	30.1	[10.7,60.7]	31.7	[22.1,43.0]	31.5	[22.6,41.9]
No (n=75)	50.5	[25.6,75.1]	56.1	[43.8,67.7]	55.4	[44.1,66.2]
Don't know (n=18)	19.4	[6.7,44.6]	12.2	[6.4,22.0]	13.1	[7.6,21.7]
Total (n=152)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	0.7753					
Design-based F(1.96, 274.38) =	0.2563	Pr =	0.770			
Insurance subsidy						
Yes (n=37)	22.0	[4.8,61.3]	67.3	[51.5,79.9]	61.8	[43.9,76.9]
No (n=18)	28.5	[5.0,75.0]	29.1	[17.1,44.9]	29.0	[18.1,43.1]
Don't know (n=4)	49.5	[9.7,90.0]	3.7	[1.1,11.9]	9.3	[2.2,31.3]
Total (n=59)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	16.4333					
Design-based F(1.77, 84.99) =	7.9237	Pr =	0.001			
Insurance: Medicaid						
Yes (n=834)	53.3	[47.8,58.8]	49.9	[46.2,53.6]	50.8	[47.7,53.9]
No (n=788)	46.7	[41.2,52.2]	50.1	[46.4,53.8]	49.2	[46.1,52.3]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	1.4196					
Design-based F(1.00, 1610.00) =	1.0139	Pr =	0.314			
Insurance: VA						
Yes (n=21)	1.4	[0.5,3.5]	1.4	[0.7,2.5]	1.4	[0.8,2.3]
No (n=1,601)	98.6	[96.5,99.5]	98.6	[97.5,99.3]	98.6	[97.7,99.2]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	0.0033					
Design-based F(1.00, 1610.00) =	0.0023	Pr =	0.962			
Insurance: Indian Health Service						
Yes (n=3)	0.0	0.1	[0.0,0.4]	0.1	[0.0,0.3]	
No (n=1,619)	100.0	99.9	[99.6,100.0]	99.9	[99.7,100.0]	
Total (n=1,622)	100.0	100.0		100.0		
Pearson: Uncorrected chi2(1) =	0.4563					
Design-based F(1.00, 1610.00) =	0.9602	Pr =	0.327			
Insurance: CHAMPUS, TRICARE, other military						
Yes (n=3)	0.8	[0.1,5.3]	0.2	[0.0,0.8]	0.3	[0.1,1.2]
No (n=1,619)	99.2	[94.7,99.9]	99.8	[99.2,100.0]	99.7	[98.8,99.9]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	3.4745					
Design-based F(1.00, 1610.00) =	1.7495	Pr =	0.186			
Insurance: Medicare						
Yes (n=5)	0.3	[0.1,1.2]	0.3	[0.1,0.9]	0.3	[0.1,0.7]
No (n=1,617)	99.7	[98.8,99.9]	99.7	[99.1,99.9]	99.7	[99.3,99.9]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	0.0084					
Design-based F(1.00, 1610.00) =	0.0110	Pr =	0.916			
Insurance: County health plan						
Yes (n=127)	11.4	[8.6,15.0]	4.6	[3.5,6.1]	6.3	[5.2,7.7]
No (n=1,495)	88.6	[85.0,91.4]	95.4	[93.9,96.5]	93.7	[92.3,94.8]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	23.2948					
Design-based F(1.00, 1610.00) =	21.2432	Pr =	0.000			
Insurance: Other, record info						
Yes (n=83)	3.9	[2.2,6.9]	6.1	[4.5,8.2]	5.6	[4.3,7.3]
No (n=1,539)	96.1	[93.1,97.8]	93.9	[91.8,95.5]	94.4	[92.7,95.7]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	2.7838					
Design-based F(1.00, 1610.00) =	1.9172	Pr =	0.166			

Continued on next page

Continued from previous page

Unspecified on someone else's insurance						
Yes (n=21)	0.4	[0.1,1.4]	1.0	[0.5,1.7]	0.8	[0.5,1.4]
No (n=4,069)	99.6	[98.6,99.9]	99.0	[98.3,99.5]	99.2	[98.6,99.5]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	3.1531					
Design-based F(1.00, 4078.00) =	1.6960	Pr =	0.193			
Insurance: Don't know						
Yes (n=23)	1.5	[0.6,3.4]	1.2	[0.7,2.0]	1.2	[0.8,1.9]
No (n=1,599)	98.5	[96.6,99.4]	98.8	[98.0,99.3]	98.8	[98.1,99.2]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	0.2296					
Design-based F(1.00, 1610.00) =	0.2037	Pr =	0.652			

2.7 Demographics Table by Presence of a Mental Health or Substance Use Disorder (HEDIS)

Universe: All respondents

	Mental health/substance use disorder (HEDIS)					
	MH/SA (HEDIS)		No MH/SA		Total	
	Percent	95%CI	Percent	95%CI	Percent	95%CI
FPL category						
0-35% (n=1,600)	57.4	[55.3,59.5]	46.6	[44.3,48.9]	51.8	[50.8,52.8]
36-99% (n=1,450)	25.5	[23.8,27.3]	31.1	[29.3,33.0]	28.4	[27.6,29.3]
≥ 100% (n = 1, 040)	17.1	[15.7,18.5]	22.3	[20.7,23.9]	19.8	[19.1,20.4]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	48.3845					
Design-based F(1.93, 7851.38) =	17.9177	Pr =	0.000			
Region						
UP/NW/NE (n=746)	10.1	[9.2,11.0]	8.0	[7.2,8.9]	9.0	[8.6,9.4]
W/E Central/E (n=1,265)	31.5	[29.7,33.4]	25.9	[24.1,27.7]	28.6	[27.8,29.4]
S Central/SW/SE (n=837)	18.9	[17.4,20.4]	18.3	[16.7,20.1]	18.6	[17.8,19.3]
Detroit Metro (n=1,242)	39.5	[37.3,41.9]	47.8	[45.6,50.1]	43.8	[42.8,44.9]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(3) =	32.2688					
Design-based F(2.68, 10918.05) =	8.4696	Pr =	0.000			
Age						
19-34 (n=1,303)	37.3	[34.6,40.2]	42.4	[39.6,45.3]	40.0	[38.0,42.0]
35-50 (n=1,301)	37.5	[34.9,40.3]	30.7	[28.1,33.4]	34.0	[32.1,35.9]
51-64 (n=1,486)	25.1	[23.1,27.3]	26.9	[24.8,29.1]	26.0	[24.5,27.6]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	22.0053					
Design-based F(1.94, 7898.24) =	7.0514	Pr =	0.001			
Gender						
Male (n=1,681)	46.0	[43.2,48.7]	50.8	[48.0,53.5]	48.4	[46.5,50.4]
Female (n=2,409)	54.0	[51.3,56.8]	49.2	[46.5,52.0]	51.6	[49.6,53.5]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	9.5089					
Design-based F(1.00, 4078.00) =	5.7282	Pr =	0.017			
Race						
White (n=2,784)	68.2	[65.5,70.7]	54.7	[51.9,57.4]	61.2	[59.3,63.0]
Black or African American (n=807)	21.6	[19.3,24.1]	30.2	[27.6,33.0]	26.1	[24.3,27.9]
Other (n=306)	6.4	[5.1,8.0]	10.9	[9.3,12.8]	8.8	[7.7,10.0]
More than one (n=142)	3.8	[2.8,5.0]	4.2	[3.2,5.5]	4.0	[3.3,4.9]
Total (n=4,039)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(3) =	82.5336					
Design-based F(2.99, 12045.53) =	15.5260	Pr =	0.000			
Hispanic/Latino						
Yes (n=188)	5.0	[3.9,6.4]	5.4	[4.3,6.9]	5.2	[4.4,6.2]
No (n=3,856)	94.4	[92.9,95.5]	94.3	[92.8,95.5]	94.3	[93.3,95.2]
Don't know (n=12)	0.6	[0.3,1.3]	0.3	[0.1,1.0]	0.5	[0.2,0.9]
Total (n=4,056)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	2.6398					
Design-based F(1.96, 7936.75) =	0.6683	Pr =	0.510			
Arab, Chaldean, Middle Eastern						
Yes (n=204)	3.4	[2.4,4.7]	8.8	[7.3,10.5]	6.2	[5.3,7.2]
No (n=3,842)	96.2	[94.8,97.3]	91.1	[89.4,92.5]	93.6	[92.5,94.5]
Don't know (n=9)	0.4	[0.2,1.0]	0.2	[0.0,0.6]	0.3	[0.1,0.6]
Total (n=4,055)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	53.1635					
Design-based F(1.95, 7897.95) =	15.4327	Pr =	0.000			
Urbanicity						
Urban (n=2,892)	78.5	[76.7,80.2]	83.4	[81.8,84.9]	81.0	[80.0,82.0]
Suburban (n=400)	9.8	[8.5,11.3]	7.8	[6.6,9.1]	8.8	[7.9,9.7]
Rural (n=798)	11.7	[10.6,12.8]	8.8	[7.9,9.7]	10.2	[9.7,10.7]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	16.2756					
Design-based F(1.91, 7777.94) =	7.9168	Pr =	0.000			

Continued on next page

Continued from previous page

Medicaid Health Plan						
Aetna (n=58)	1.7	[1.1,2.8]	1.6	[1.1,2.4]	1.7	[1.2,2.3]
Blue Cross (n=356)	9.8	[8.1,11.7]	13.3	[11.2,15.6]	11.6	[10.2,13.1]
Harbor (n=18)	0.4	[0.2,1.2]	1.1	[0.5,2.1]	0.7	[0.4,1.3]
McLaren (n=633)	15.3	[13.6,17.2]	10.9	[9.5,12.5]	13.0	[11.9,14.2]
Meridian (n=1,265)	31.8	[29.3,34.4]	28.0	[25.6,30.5]	29.8	[28.1,31.6]
Midwest (n=3)	0.1	[0.0,0.3]	0.0	[0.0,0.2]	0.1	[0.0,0.2]
Molina (n=701)	18.0	[15.9,20.3]	17.9	[15.9,20.2]	18.0	[16.5,19.5]
Priority (n=268)	6.2	[5.2,7.5]	5.6	[4.6,6.8]	5.9	[5.2,6.7]
Total Health Care (n=85)	2.6	[1.8,3.7]	3.1	[2.1,4.4]	2.8	[2.2,3.7]
United (n=443)	10.7	[9.0,12.7]	15.5	[13.5,17.7]	13.2	[11.8,14.7]
Upper Peninsula Health Plan (n=258)	3.3	[2.8,4.0]	3.0	[2.5,3.6]	3.2	[2.8,3.6]
Total (n=4,088)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(10) =	56.9259					
Design-based F(8.90, 36265.32) =	3.5760	Pr =	0.000			
Employment status						
Employed or self-employed (n=2,079)	43.3	[40.6,46.0]	54.0	[51.3,56.8]	48.8	[47.0,50.7]
Out of work >=1 year (n=707)	19.9	[17.8,22.3]	19.4	[17.2,21.9]	19.7	[18.1,21.3]
Out of work <1 year (n=258)	8.1	[6.7,9.8]	7.6	[6.1,9.5]	7.9	[6.8,9.1]
Homemaker (n=217)	3.6	[2.8,4.6]	5.4	[4.4,6.6]	4.5	[3.8,5.3]
Student (n=161)	4.5	[3.3,6.0]	5.8	[4.6,7.4]	5.2	[4.3,6.2]
Retired (n=167)	1.9	[1.4,2.6]	3.0	[2.4,3.9]	2.5	[2.1,3.0]
Unable to work (n=479)	18.3	[16.3,20.5]	4.6	[3.6,5.9]	11.3	[10.1,12.5]
Don't know (n=7)	0.3	[0.1,0.7]	0.1	[0.0,0.3]	0.2	[0.1,0.4]
Total (n=4,075)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(7) =	212.2011					
Design-based F(6.50, 26397.66) =	20.1871	Pr =	0.000			
Veteran						
Yes (n=125)	3.7	[2.8,4.8]	3.1	[2.2,4.3]	3.4	[2.7,4.2]
No (n=3,958)	96.3	[95.2,97.2]	96.6	[95.4,97.6]	96.5	[95.7,97.2]
Don't know (n=3)	0.0		0.3	[0.1,1.0]	0.1	[0.0,0.5]
Total (n=4,086)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	5.8072					
Design-based F(1.91, 7762.05) =	1.3545	Pr =	0.258			
Marital status						
Married (n=1,008)	17.0	[15.2,18.9]	23.5	[21.5,25.7]	20.4	[19.0,21.8]
Partnered (n=185)	4.4	[3.5,5.5]	4.2	[3.2,5.4]	4.3	[3.6,5.1]
Divorced (n=865)	20.8	[18.8,23.0]	15.7	[13.9,17.6]	18.2	[16.8,19.6]
Widowed (n=147)	3.1	[2.3,4.1]	2.5	[1.9,3.3]	2.8	[2.3,3.4]
Separated (n=119)	3.3	[2.5,4.3]	2.3	[1.6,3.3]	2.8	[2.3,3.4]
Never Married (n=1,745)	51.5	[48.7,54.2]	51.7	[48.9,54.4]	51.6	[49.6,53.5]
Don't know (n=4)	0.0	[0.0,0.2]	0.1	[0.0,0.5]	0.1	[0.0,0.2]
Total (n=4,073)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(6) =	42.1635					
Design-based F(5.60, 22761.24) =	5.6230	Pr =	0.000			
Any chronic health condition present						
Yes (n=2,986)	84.3	[82.0,86.3]	55.1	[52.2,57.9]	69.2	[67.3,71.0]
No (n=1,104)	15.7	[13.7,18.0]	44.9	[42.1,47.8]	30.8	[29.0,32.7]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	409.5075					
Design-based F(1.00, 4078.00) =	231.5277	Pr =	0.000			
At least one physical health condition present						
Yes (n=2,689)	69.9	[67.2,72.5]	52.3	[49.4,55.1]	60.8	[58.8,62.8]
No (n=1,401)	30.1	[27.5,32.8]	47.7	[44.9,50.6]	39.2	[37.2,41.2]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	133.5790					
Design-based F(1.00, 4078.00) =	75.9649	Pr =	0.000			
At least one mental health condition present						
Yes (n=1,351)	57.4	[54.7,60.1]	8.5	[7.0,10.1]	32.1	[30.3,33.9]
No (n=2,739)	42.6	[39.9,45.3]	91.5	[89.9,93.0]	67.9	[66.1,69.7]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	1123.5896					
Design-based F(1.00, 4078.00) =	674.4324	Pr =	0.000			

Continued on next page

Continued from previous page

Other household HMP enrollee						
Yes (n=1,592)	31.9	[29.5,34.4]	39.3	[36.7,41.9]	35.7	[34.0,37.5]
No (n=2,289)	62.2	[59.5,64.8]	54.0	[51.2,56.7]	58.0	[56.1,59.8]
Don't know (n=201)	5.9	[4.6,7.5]	6.8	[5.2,8.7]	6.3	[5.3,7.6]
Total (n=4,082)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	28.3650					
Design-based F(1.93, 7855.79) =	7.6264	Pr =	0.001			
Help reading written materials						
Never (n=3,031)	68.0	[65.3,70.5]	76.9	[74.4,79.2]	72.6	[70.8,74.3]
Rarely (n=413)	11.0	[9.4,12.9]	10.3	[8.7,12.2]	10.6	[9.5,12.0]
Sometimes (n=390)	12.5	[10.7,14.5]	8.8	[7.3,10.6]	10.6	[9.4,11.9]
Often (n=94)	3.3	[2.5,4.5]	1.5	[0.9,2.4]	2.4	[1.8,3.1]
Always (n=157)	5.1	[4.1,6.4]	2.4	[1.7,3.5]	3.7	[3.1,4.5]
Don't know (n=3)	0.1	[0.0,0.2]	0.0	[0.0,0.1]	0.0	[0.0,0.1]
Total (n=4,088)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(5) =	59.0414					
Design-based F(4.46, 18163.61) =	8.0176	Pr =	0.000			
Low healthcare utilizers						
Yes (n=491)	7.2	[5.7,9.1]	22.8	[20.3,25.4]	15.2	[13.7,16.9]
No (n=3,599)	92.8	[90.9,94.3]	77.2	[74.6,79.7]	84.8	[83.1,86.3]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	191.7870					
Design-based F(1.00, 4078.00) =	87.9259	Pr =	0.000			
High ER utilizers						
Yes (n=156)	7.7	[6.2,9.5]	1.4	[0.9,2.2]	4.4	[3.6,5.4]
No (n=3,934)	92.3	[90.5,93.8]	98.6	[97.8,99.1]	95.6	[94.6,96.4]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	96.1607					
Design-based F(1.00, 4078.00) =	56.6746	Pr =	0.000			
Chronic disease (HEDIS)						
Chronic disease (HEDIS) (n=1,161)	32.4	[30.0,35.0]	18.3	[16.4,20.4]	25.1	[23.5,26.8]
No chronic disease (n=2,929)	67.6	[65.0,70.0]	81.7	[79.6,83.6]	74.9	[73.2,76.5]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	108.6418					
Design-based F(1.00, 4078.00) =	73.0804	Pr =	0.000			
Any insurance pre-HMP						
Yes (n=1,667)	40.2	[37.5,43.0]	41.1	[38.4,43.9]	40.7	[38.8,42.6]
No (n=2,374)	58.7	[56.0,61.5]	57.1	[54.3,59.8]	57.9	[55.9,59.8]
Don't know (n=46)	1.0	[0.6,1.7]	1.8	[1.1,3.0]	1.4	[1.0,2.1]
Total (n=4,087)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	5.1210					
Design-based F(1.99, 8098.22) =	1.4395	Pr =	0.237			
Insurance duration pre-HMP						
All 12 months (n=1,235)	72.3	[68.1,76.2]	75.3	[71.5,78.7]	73.8	[71.1,76.5]
6-11 months (n=245)	15.5	[12.4,19.2]	14.9	[12.0,18.2]	15.2	[13.0,17.6]
Less than 6 months (n=129)	8.4	[6.3,11.2]	6.8	[5.1,9.1]	7.6	[6.2,9.3]
Don't know (n=58)	3.8	[2.3,6.1]	3.1	[2.0,4.6]	3.4	[2.5,4.7]
Total (n=1,667)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(3) =	2.6544					
Design-based F(2.99, 4943.07) =	0.5596	Pr =	0.641			
Insurance: Private, job						
Yes (n=409)	26.8	[23.0,30.9]	25.7	[22.1,29.6]	26.2	[23.6,29.0]
No (n=1,213)	73.2	[69.1,77.0]	74.3	[70.4,77.9]	73.8	[71.0,76.4]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	0.2444					
Design-based F(1.00, 1610.00) =	0.1517	Pr =	0.697			
Insurance: Private, self						
Yes (n=157)	10.0	[7.0,13.9]	10.5	[8.1,13.5]	10.2	[8.3,12.6]
No (n=1,465)	90.0	[86.1,93.0]	89.5	[86.5,91.9]	89.8	[87.4,91.7]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	0.1213					
Design-based F(1.00, 1610.00) =	0.0553	Pr =	0.814			

Continued on next page

Continued from previous page

Healthcare.gov insurance						
Yes (n=59)	25.7	[14.1,42.3]	36.2	[24.7,49.5]	31.5	[22.6,41.9]
No (n=75)	60.8	[42.7,76.4]	50.9	[37.4,64.3]	55.4	[44.1,66.2]
Don't know (n=18)	13.4	[5.7,28.3]	12.9	[6.3,24.7]	13.1	[7.6,21.7]
Total (n=152)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	1.9822					
Design-based F(1.97, 275.93) =	0.5715	Pr =	0.563			
Insurance subsidy						
Yes (n=37)	36.7	[15.9,64.0]	76.5	[59.0,88.0]	61.8	[43.9,76.9]
No (n=18)	43.2	[20.1,69.8]	20.6	[9.8,38.3]	29.0	[18.1,43.1]
Don't know (n=4)	20.0	[4.1,59.5]	2.9	[0.6,12.3]	9.3	[2.2,31.3]
Total (n=59)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	10.2987					
Design-based F(1.96, 93.91) =	4.3668	Pr =	0.016			
Insurance: Medicaid						
Yes (n=834)	51.0	[46.5,55.5]	50.5	[46.2,54.8]	50.8	[47.7,53.9]
No (n=788)	49.0	[44.5,53.5]	49.5	[45.2,53.8]	49.2	[46.1,52.3]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	0.0421					
Design-based F(1.00, 1610.00) =	0.0260	Pr =	0.872			
Insurance: VA						
Yes (n=21)	1.2	[0.5,2.6]	1.5	[0.7,3.1]	1.4	[0.8,2.3]
No (n=1,601)	98.8	[97.4,99.5]	98.5	[96.9,99.3]	98.6	[97.7,99.2]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	0.3089					
Design-based F(1.00, 1610.00) =	0.1940	Pr =	0.660			
Insurance: Indian Health Service						
Yes (n=3)	0.1	[0.0,0.5]	0.1	[0.0,0.4]	0.1	[0.0,0.3]
No (n=1,619)	99.9	[99.5,100.0]	99.9	[99.6,100.0]	99.9	[99.7,100.0]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	0.0196					
Design-based F(1.00, 1610.00) =	0.0387	Pr =	0.844			
Insurance: CHAMPUS, TRICARE, other military						
Yes (n=3)	0.5	[0.1,2.6]	0.2	[0.0,1.2]	0.3	[0.1,1.2]
No (n=1,619)	99.5	[97.4,99.9]	99.8	[98.8,100.0]	99.7	[98.8,99.9]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	1.3201					
Design-based F(1.00, 1610.00) =	0.7352	Pr =	0.391			
Insurance: Medicare						
Yes (n=5)	0.2	[0.0,0.9]	0.4	[0.1,1.1]	0.3	[0.1,0.7]
No (n=1,617)	99.8	[99.1,100.0]	99.6	[98.9,99.9]	99.7	[99.3,99.9]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	0.3049					
Design-based F(1.00, 1610.00) =	0.3268	Pr =	0.568			
Insurance: County health plan						
Yes (n=127)	7.7	[5.9,9.9]	5.1	[3.8,6.9]	6.3	[5.2,7.7]
No (n=1,495)	92.3	[90.1,94.1]	94.9	[93.1,96.2]	93.7	[92.3,94.8]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	4.4387					
Design-based F(1.00, 1610.00) =	4.0023	Pr =	0.046			
Insurance: Other, record info						
Yes (n=83)	4.8	[3.2,7.1]	6.3	[4.4,8.9]	5.6	[4.3,7.3]
No (n=1,539)	95.2	[92.9,96.8]	93.7	[91.1,95.6]	94.4	[92.7,95.7]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	1.7412					
Design-based F(1.00, 1610.00) =	1.0094	Pr =	0.315			

Continued on next page

Continued from previous page

Unspecified on someone else's insurance						
Yes (n=21)	0.4	[0.2,1.2]	1.2	[0.6,2.2]	0.8	[0.5,1.4]
No (n=4,069)	99.6	[98.8,99.8]	98.8	[97.8,99.4]	99.2	[98.6,99.5]
Total (n=4,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	7.3040					
Design-based F(1.00, 4078.00) =	3.1804	Pr =	0.075			
Insurance: Don't know						
Yes (n=23)	0.6	[0.2,1.3]	1.8	[1.1,3.1]	1.2	[0.8,1.9]
No (n=1,599)	99.4	[98.7,99.8]	98.2	[96.9,98.9]	98.8	[98.1,99.2]
Total (n=1,622)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	5.3015					
Design-based F(1.00, 1610.00) =	5.9043	Pr =	0.015			

3 AIM 1: Knowledge and understanding of Healthy Michigan Plan coverage

3.1 Q: My Healthy Michigan Plan covers routine dental visits.

Universe: All respondents

	HMP: Covers routine dental						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,599)	77.1	[74.3,79.7]	2.9	[2.1,4.1]	20.0	[17.5,22.7]	100.0
36-99% (n=1,448)	78.5	[75.9,80.9]	4.9	[3.7,6.4]	16.6	[14.5,18.9]	100.0
≥ 100% (n = 1,039)	75.3	[72.0,78.3]	5.2	[3.9,7.1]	19.4	[16.7,22.5]	100.0
Pearson: Uncorrected chi2(4) =	17.1317						
Design-based F(3.85, 15678.90) =	3.0954	Pr =	0.016				
Region							
UP/NW/NE (n=745)	78.6	[75.0,81.7]	2.9	[1.9,4.4]	18.5	[15.5,22.0]	100.0
W/E Central/E (n=1,264)	79.0	[76.2,81.5]	3.3	[2.4,4.6]	17.7	[15.3,20.3]	100.0
S Central/SW/SE (n=836)	72.5	[68.5,76.2]	4.6	[3.3,6.4]	22.9	[19.3,26.9]	100.0
Detroit Metro (n=1,241)	77.7	[74.6,80.5]	4.2	[3.1,5.7]	18.1	[15.5,21.0]	100.0
Pearson: Uncorrected chi2(6) =	14.0366						
Design-based F(5.19, 21152.69) =	1.9039	Pr =	0.087				
Low healthcare utilizers							
Yes (n=491)	69.7	[64.1,74.7]	4.7	[3.0,7.3]	25.7	[20.9,31.1]	100.0
No (n=3,595)	78.5	[76.7,80.2]	3.8	[3.1,4.6]	17.7	[16.1,19.4]	100.0
Pearson: Uncorrected chi2(2) =	24.2227						
Design-based F(1.95, 7962.32) =	6.5057	Pr =	0.002				
High ER utilizers							
Yes (n=156)	75.4	[66.1,82.9]	2.3	[0.9,5.7]	22.3	[15.1,31.6]	100.0
No (n=3,930)	77.3	[75.5,78.9]	4.0	[3.3,4.8]	18.7	[17.2,20.4]	100.0
Pearson: Uncorrected chi2(2) =	2.5545						
Design-based F(1.82, 7431.50) =	0.8997	Pr =	0.399				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,159)	76.3	[73.0,79.4]	4.4	[3.0,6.5]	19.3	[16.5,22.4]	100.0
No chronic disease (n=2,927)	77.5	[75.4,79.4]	3.8	[3.1,4.6]	18.8	[17.0,20.8]	100.0
Pearson: Uncorrected chi2(2) =	1.0103						
Design-based F(2.00, 8137.72) =	0.3056	Pr =	0.736				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,032)	78.7	[76.4,80.9]	3.9	[3.1,5.0]	17.4	[15.3,19.6]	100.0
No MH/SA (n=2,054)	75.7	[73.2,78.1]	3.9	[3.0,5.2]	20.3	[18.1,22.8]	100.0
Pearson: Uncorrected chi2(2) =	5.9697						
Design-based F(1.98, 8063.45) =	1.8632	Pr =	0.156				
Total (n=4,086)	77.2	[75.4,78.8]	3.9	[3.3,4.7]	18.9	[17.3,20.6]	100.0

3.2 Q: My Healthy Michigan Plan covers eyeglasses.

Universe: All respondents

	HMP: Covers eyeglasses						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,599)	60.8	[57.7,63.9]	7.9	[6.3,9.7]	31.3	[28.4,34.4]	100.0
36-99% (n=1,448)	62.2	[59.1,65.2]	7.4	[5.8,9.4]	30.4	[27.7,33.4]	100.0
≥ 100% (n = 1,039)	57.0	[53.4,60.6]	8.3	[6.5,10.4]	34.7	[31.3,38.3]	100.0
Pearson: Uncorrected chi2(4) =	5.5877						
Design-based F(3.85, 15684.93) =	0.9820	Pr =	0.414				
Region							
UP/NW/NE (n=745)	65.1	[61.0,69.0]	7.2	[5.4,9.7]	27.6	[24.0,31.6]	100.0
W/E Central/E (n=1,264)	62.1	[59.0,65.2]	6.7	[5.4,8.5]	31.1	[28.2,34.2]	100.0
S Central/SW/SE (n=836)	56.5	[52.3,60.6]	8.4	[6.5,10.8]	35.0	[31.0,39.3]	100.0
Detroit Metro (n=1,241)	60.0	[56.5,63.5]	8.4	[6.6,10.6]	31.6	[28.4,35.0]	100.0
Pearson: Uncorrected chi2(6) =	11.4291						
Design-based F(5.31, 21627.68) =	1.4824	Pr =	0.188				
Low healthcare utilizers							
Yes (n=491)	44.3	[38.7,50.0]	9.2	[6.6,12.9]	46.5	[40.6,52.4]	100.0
No (n=3,595)	63.3	[61.3,65.3]	7.6	[6.5,8.8]	29.1	[27.2,31.0]	100.0
Pearson: Uncorrected chi2(2) =	83.6852						
Design-based F(1.98, 8082.51) =	21.2455	Pr =	0.000				
High ER utilizers							
Yes (n=156)	65.0	[54.8,74.0]	4.0	[1.6,9.6]	30.9	[22.3,41.1]	100.0
No (n=3,930)	60.2	[58.2,62.2]	8.0	[6.9,9.2]	31.8	[29.9,33.7]	100.0
Pearson: Uncorrected chi2(2) =	4.1944						
Design-based F(1.98, 8056.54) =	1.1758	Pr =	0.308				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,159)	67.9	[64.3,71.3]	7.5	[5.8,9.7]	24.6	[21.5,28.0]	100.0
No chronic disease (n=2,927)	57.9	[55.6,60.3]	7.9	[6.7,9.3]	34.1	[31.9,36.4]	100.0
Pearson: Uncorrected chi2(2) =	34.6865						
Design-based F(2.00, 8143.66) =	11.0807	Pr =	0.000				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,032)	64.3	[61.5,67.0]	7.4	[6.1,9.0]	28.3	[25.8,30.9]	100.0
No MH/SA (n=2,054)	56.8	[54.0,59.6]	8.2	[6.7,9.9]	35.0	[32.3,37.8]	100.0
Pearson: Uncorrected chi2(2) =	24.6517						
Design-based F(2.00, 8144.79) =	7.2413	Pr =	0.001				
Total (n=4,086)	60.4	[58.5,62.4]	7.8	[6.8,9.0]	31.8	[29.9,33.7]	100.0

3.3 Q: My Healthy Michigan Plan covers counseling for mental or emotional problems.

Universe: All respondents

	HMP: Covers mental health counseling						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,599)	57.4	[54.3,60.5]	2.7	[1.8,3.9]	39.9	[36.9,43.0]	100.0
36-99% (n=1,448)	55.7	[52.6,58.8]	3.6	[2.5,5.3]	40.6	[37.6,43.7]	100.0
≥ 100% (n = 1,039)	52.7	[49.1,56.2]	3.2	[2.1,4.9]	44.1	[40.6,47.7]	100.0
Pearson: Uncorrected chi2(4) =	7.1120						
Design-based F(3.85, 15696.57) =	1.1846	Pr =	0.315				
Region							
UP/NW/NE (n=745)	55.2	[51.1,59.2]	2.8	[1.6,4.7]	42.0	[38.0,46.1]	100.0
W/E Central/E (n=1,264)	58.3	[55.1,61.4]	2.2	[1.4,3.6]	39.5	[36.4,42.6]	100.0
S Central/SW/SE (n=836)	60.8	[56.8,64.8]	2.7	[1.7,4.3]	36.5	[32.6,40.5]	100.0
Detroit Metro (n=1,241)	52.6	[49.1,56.0]	3.8	[2.7,5.4]	43.6	[40.2,47.1]	100.0
Pearson: Uncorrected chi2(6) =	22.0130						
Design-based F(5.42, 22085.15) =	2.8165	Pr =	0.013				
Low healthcare utilizers							
Yes (n=491)	47.0	[41.3,52.9]	6.0	[3.8,9.4]	46.9	[41.2,52.8]	100.0
No (n=3,595)	57.6	[55.5,59.6]	2.5	[1.9,3.3]	39.9	[37.9,41.9]	100.0
Pearson: Uncorrected chi2(2) =	38.0460						
Design-based F(2.00, 8144.37) =	9.2079	Pr =	0.000				
High ER utilizers							
Yes (n=156)	71.9	[62.1,80.0]	3.3	[1.3,8.2]	24.8	[17.1,34.5]	100.0
No (n=3,930)	55.3	[53.2,57.2]	3.1	[2.4,3.9]	41.7	[39.7,43.7]	100.0
Pearson: Uncorrected chi2(2) =	20.7256						
Design-based F(1.96, 7967.02) =	6.1725	Pr =	0.002				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,159)	59.8	[56.1,63.3]	2.5	[1.5,4.2]	37.7	[34.2,41.3]	100.0
No chronic disease (n=2,927)	54.7	[52.4,57.0]	3.2	[2.5,4.2]	42.0	[39.7,44.4]	100.0
Pearson: Uncorrected chi2(2) =	8.2993						
Design-based F(1.99, 8089.93) =	2.5338	Pr =	0.080				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,032)	69.2	[66.6,71.7]	2.2	[1.6,3.2]	28.5	[26.1,31.1]	100.0
No MH/SA (n=2,054)	43.6	[40.9,46.4]	3.8	[2.8,5.2]	52.6	[49.8,55.4]	100.0
Pearson: Uncorrected chi2(2) =	271.8334						
Design-based F(2.00, 8147.53) =	82.7680	Pr =	0.000				
Total (n=4,086)	56.0	[54.0,57.9]	3.1	[2.4,3.9]	40.9	[39.0,42.9]	100.0

3.4 Q: Only generic medicines are covered by my Healthy Michigan Plan.

Universe: All respondents

	HMP: Covers only generic meds						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,598)	35.5	[32.5,38.5]	22.6	[20.2,25.3]	41.9	[38.9,45.0]	100.0
36-99% (n=1,448)	35.2	[32.2,38.3]	20.2	[17.9,22.6]	44.6	[41.6,47.8]	100.0
≥ 100% (n = 1,039)	37.6	[34.2,41.1]	19.0	[16.5,21.9]	43.4	[39.9,47.0]	100.0
Pearson: Uncorrected chi2(4) =	6.7023						
Design-based F(3.85, 15692.10) =	1.2541	Pr =	0.286				
Region							
UP/NW/NE (n=745)	28.3	[24.8,32.0]	24.4	[21.2,28.0]	47.3	[43.2,51.4]	100.0
W/E Central/E (n=1,263)	33.1	[30.2,36.1]	22.3	[19.7,25.2]	44.6	[41.4,47.8]	100.0
S Central/SW/SE (n=836)	35.5	[31.6,39.5]	20.3	[17.3,23.6]	44.3	[40.2,48.4]	100.0
Detroit Metro (n=1,241)	39.2	[35.9,42.7]	20.3	[17.6,23.2]	40.5	[37.1,44.0]	100.0
Pearson: Uncorrected chi2(6) =	22.8769						
Design-based F(5.30, 21606.77) =	3.0267	Pr =	0.008				
Low healthcare utilizers							
Yes (n=490)	32.0	[26.7,37.8]	17.0	[13.3,21.6]	51.0	[45.2,56.8]	100.0
No (n=3,595)	36.5	[34.5,38.5]	22.0	[20.3,23.8]	41.5	[39.5,43.6]	100.0
Pearson: Uncorrected chi2(2) =	20.1575						
Design-based F(1.99, 8104.17) =	4.8920	Pr =	0.008				
High ER utilizers							
Yes (n=156)	37.0	[28.3,46.7]	23.6	[15.4,34.4]	39.4	[30.1,49.6]	100.0
No (n=3,929)	35.7	[33.8,37.7]	21.1	[19.6,22.8]	43.1	[41.2,45.1]	100.0
Pearson: Uncorrected chi2(2) =	1.1283						
Design-based F(1.95, 7932.92) =	0.2786	Pr =	0.751				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,159)	38.3	[34.9,41.9]	25.1	[22.1,28.4]	36.6	[33.2,40.1]	100.0
No chronic disease (n=2,926)	34.9	[32.7,37.2]	19.9	[18.1,21.8]	45.1	[42.8,47.5]	100.0
Pearson: Uncorrected chi2(2) =	25.2636						
Design-based F(2.00, 8145.41) =	8.5583	Pr =	0.000				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,031)	37.0	[34.4,39.6]	22.8	[20.6,25.3]	40.2	[37.5,43.0]	100.0
No MH/SA (n=2,054)	34.7	[32.1,37.5]	19.7	[17.7,22.0]	45.6	[42.8,48.4]	100.0
Pearson: Uncorrected chi2(2) =	12.8971						
Design-based F(2.00, 8144.05) =	3.9301	Pr =	0.020				
Total (n=4,085)	35.8	[33.9,37.7]	21.2	[19.7,22.9]	43.0	[41.0,44.9]	100.0

3.5 Q: Contributions are what I am charged every month for Healthy Michigan Plan coverage even if I do not use any health care.

Universe: All respondents

	HMP: Contributions are charged every month regardless						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,597)	22.3	[19.8,25.0]	24.5	[22.0,27.2]	53.2	[50.0,56.2]	100.0
36-99% (n=1,445)	24.2	[21.5,27.0]	26.4	[23.7,29.2]	49.5	[46.3,52.6]	100.0
≥ 100%(n = 1,039)	40.0	[36.6,43.6]	16.3	[13.9,19.1]	43.6	[40.1,47.2]	100.0
Pearson: Uncorrected chi2(4) =	106.0969						
Design-based F(3.86, 15698.77) =	19.5345	Pr =	0.000				
Region							
UP/NW/NE (n=745)	28.1	[24.7,31.7]	24.4	[21.1,28.0]	47.5	[43.5,51.6]	100.0
W/E Central/E (n=1,263)	26.1	[23.5,28.9]	22.3	[19.8,25.0]	51.6	[48.4,54.8]	100.0
S Central/SW/SE (n=833)	25.6	[22.2,29.5]	24.3	[21.1,27.7]	50.1	[46.0,54.2]	100.0
Detroit Metro (n=1,240)	26.5	[23.6,29.6]	23.6	[20.8,26.7]	49.9	[46.5,53.4]	100.0
Pearson: Uncorrected chi2(6) =	2.6355						
Design-based F(5.30, 21568.24) =	0.3572	Pr =	0.887				
Low healthcare utilizers							
Yes (n=489)	22.9	[18.4,28.0]	24.7	[20.2,29.9]	52.4	[46.6,58.2]	100.0
No (n=3,592)	27.0	[25.2,28.8]	23.2	[21.5,25.0]	49.8	[47.8,51.9]	100.0
Pearson: Uncorrected chi2(2) =	4.6304						
Design-based F(2.00, 8121.10) =	1.1515	Pr =	0.316				
High ER utilizers							
Yes (n=156)	22.9	[16.0,31.7]	15.9	[10.6,23.1]	61.2	[51.5,70.0]	100.0
No (n=3,925)	26.5	[24.8,28.3]	23.8	[22.1,25.5]	49.7	[47.7,51.7]	100.0
Pearson: Uncorrected chi2(2) =	9.9116						
Design-based F(1.96, 7976.42) =	3.2194	Pr =	0.041				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,159)	29.4	[26.4,32.7]	19.7	[17.1,22.6]	50.8	[47.3,54.4]	100.0
No chronic disease (n=2,922)	25.3	[23.4,27.4]	24.7	[22.7,26.7]	50.0	[47.7,52.4]	100.0
Pearson: Uncorrected chi2(2) =	12.9493						
Design-based F(2.00, 8125.37) =	4.5733	Pr =	0.010				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,030)	26.2	[23.9,28.7]	22.6	[20.4,24.9]	51.2	[48.4,53.9]	100.0
No MH/SA (n=2,051)	26.5	[24.1,29.0]	24.2	[21.9,26.7]	49.4	[46.6,52.2]	100.0
Pearson: Uncorrected chi2(2) =	1.7790						
Design-based F(2.00, 8131.48) =	0.5544	Pr =	0.574				
Total (n=4,081)	26.4	[24.7,28.1]	23.4	[21.8,25.1]	50.2	[48.3,52.2]	100.0

3.6 Q: There is no limit or maximum on the amount I might have to pay in copays or contributions.

Universe: All respondents

	HMP: No maximum on copays or contributions						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,597)	20.7	[18.3,23.3]	22.8	[20.3,25.6]	56.5	[53.3,59.5]	100.0
36-99% (n=1,447)	21.6	[19.1,24.3]	23.3	[20.7,26.1]	55.1	[52.0,58.2]	100.0
≥ 100% (n = 1,039)	19.4	[16.8,22.3]	22.9	[20.1,26.0]	57.7	[54.1,61.1]	100.0
Pearson: Uncorrected chi2(4) =	1.7691						
Design-based F(3.86, 15702.71) =	0.3263	Pr =	0.854				
Region							
UP/NW/NE (n=745)	17.7	[14.9,21.0]	23.0	[19.9,26.5]	59.2	[55.2,63.1]	100.0
W/E Central/E (n=1,263)	20.0	[17.7,22.6]	22.2	[19.6,25.0]	57.8	[54.6,60.9]	100.0
S Central/SW/SE (n=834)	19.6	[16.7,23.0]	21.5	[18.3,25.0]	58.9	[54.8,62.8]	100.0
Detroit Metro (n=1,241)	22.2	[19.5,25.2]	24.1	[21.2,27.2]	53.6	[50.2,57.1]	100.0
Pearson: Uncorrected chi2(6) =	10.5224						
Design-based F(5.30, 21581.12) =	1.4196	Pr =	0.210				
Low healthcare utilizers							
Yes (n=489)	17.8	[13.8,22.5]	23.4	[18.8,28.7]	58.8	[53.0,64.4]	100.0
No (n=3,594)	21.2	[19.6,23.0]	22.9	[21.2,24.7]	55.8	[53.8,57.9]	100.0
Pearson: Uncorrected chi2(2) =	3.9625						
Design-based F(2.00, 8134.65) =	0.9599	Pr =	0.383				
High ER utilizers							
Yes (n=156)	27.2	[18.7,37.6]	20.1	[13.6,28.6]	52.7	[42.6,62.6]	100.0
No (n=3,927)	20.4	[18.9,22.1]	23.1	[21.4,24.9]	56.5	[54.5,58.4]	100.0
Pearson: Uncorrected chi2(2) =	4.9031						
Design-based F(1.97, 8002.40) =	1.3023	Pr =	0.272				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,159)	21.4	[18.7,24.5]	23.9	[21.0,27.0]	54.7	[51.1,58.2]	100.0
No chronic disease (n=2,924)	20.5	[18.7,22.4]	22.7	[20.7,24.7]	56.9	[54.5,59.2]	100.0
Pearson: Uncorrected chi2(2) =	1.5134						
Design-based F(2.00, 8140.15) =	0.5247	Pr =	0.592				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,031)	21.5	[19.3,23.8]	21.9	[19.7,24.2]	56.7	[53.9,59.4]	100.0
No MH/SA (n=2,052)	20.0	[17.9,22.3]	24.0	[21.7,26.6]	56.0	[53.2,58.7]	100.0
Pearson: Uncorrected chi2(2) =	3.2477						
Design-based F(2.00, 8140.82) =	0.9947	Pr =	0.370				
Total (n=4,083)	20.7	[19.2,22.3]	23.0	[21.4,24.7]	56.3	[54.3,58.2]	100.0

3.7 Q: I could be dropped from the Healthy Michigan Plan for not paying my bill.

Universe: All respondents

	HMP: Can be dropped if I don't pay						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,597)	31.1	[28.2,34.1]	15.8	[13.7,18.1]	53.1	[50.0,56.2]	100.0
36-99% (n=1,448)	36.9	[33.9,40.0]	14.3	[12.3,16.6]	48.8	[45.7,51.9]	100.0
≥ 100% (n = 1,039)	38.2	[34.8,41.7]	10.7	[8.6,13.2]	51.1	[47.6,54.7]	100.0
Pearson: Uncorrected chi2(4) =	25.4482						
Design-based F(3.87, 15773.17) =	4.6279	Pr =	0.001				
Region							
UP/NW/NE (n=745)	36.9	[32.9,41.0]	12.5	[10.0,15.5]	50.7	[46.5,54.8]	100.0
W/E Central/E (n=1,263)	36.2	[33.2,39.4]	14.7	[12.5,17.2]	49.1	[45.9,52.3]	100.0
S Central/SW/SE (n=835)	29.6	[26.1,33.5]	14.1	[11.4,17.3]	56.3	[52.2,60.3]	100.0
Detroit Metro (n=1,241)	34.1	[30.9,37.6]	14.7	[12.4,17.2]	51.2	[47.7,54.7]	100.0
Pearson: Uncorrected chi2(6) =	12.7691						
Design-based F(5.37, 21865.78) =	1.6610	Pr =	0.135				
Low healthcare utilizers							
Yes (n=489)	37.2	[31.7,43.1]	13.1	[10.0,17.1]	49.6	[43.8,55.5]	100.0
No (n=3,595)	33.6	[31.7,35.6]	14.6	[13.2,16.1]	51.8	[49.7,53.9]	100.0
Pearson: Uncorrected chi2(2) =	3.2407						
Design-based F(1.97, 8030.61) =	0.8249	Pr =	0.437				
High ER utilizers							
Yes (n=156)	25.4	[18.2,34.3]	18.2	[11.2,28.2]	56.3	[46.2,65.9]	100.0
No (n=3,928)	34.6	[32.6,36.5]	14.2	[12.9,15.6]	51.3	[49.2,53.3]	100.0
Pearson: Uncorrected chi2(2) =	7.0247						
Design-based F(1.95, 7939.97) =	1.8216	Pr =	0.163				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,159)	30.4	[27.2,33.7]	14.7	[12.3,17.4]	55.0	[51.4,58.5]	100.0
No chronic disease (n=2,925)	35.4	[33.2,37.7]	14.3	[12.7,16.0]	50.3	[48.0,52.6]	100.0
Pearson: Uncorrected chi2(2) =	9.1419						
Design-based F(2.00, 8143.98) =	3.1140	Pr =	0.044				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,031)	32.9	[30.3,35.5]	15.3	[13.4,17.5]	51.8	[49.0,54.6]	100.0
No MH/SA (n=2,053)	35.3	[32.7,38.1]	13.5	[11.7,15.4]	51.2	[48.4,54.0]	100.0
Pearson: Uncorrected chi2(2) =	4.3438						
Design-based F(2.00, 8141.91) =	1.3178	Pr =	0.268				
Total (n=4,084)	34.2	[32.3,36.1]	14.4	[13.0,15.8]	51.5	[49.5,53.5]	100.0

3.8 Q: Some kinds of visits, tests and medicines have no copays.

Universe: All respondents

	HMP: Some services have no copay						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,597)	74.8	[71.8,77.5]	4.6	[3.4,6.1]	20.6	[18.1,23.4]	100.0
36-99% (n=1,448)	78.2	[75.5,80.7]	4.7	[3.4,6.5]	17.1	[14.9,19.5]	100.0
≥ 100% (n = 1,039)	74.1	[70.8,77.1]	4.4	[3.1,6.1]	21.5	[18.8,24.6]	100.0
Pearson: Uncorrected chi2(4) =	7.8245						
Design-based F(3.82, 15566.92) =	1.3332	Pr =	0.256				
Region							
UP/NW/NE (n=745)	77.8	[73.9,81.2]	2.7	[1.7,4.3]	19.5	[16.2,23.3]	100.0
W/E Central/E (n=1,263)	79.9	[77.2,82.4]	3.6	[2.5,5.0]	16.5	[14.3,19.0]	100.0
S Central/SW/SE (n=835)	75.6	[71.7,79.1]	4.0	[2.7,5.8]	20.5	[17.2,24.2]	100.0
Detroit Metro (n=1,241)	72.4	[69.1,75.4]	5.9	[4.4,7.8]	21.7	[18.9,24.9]	100.0
Pearson: Uncorrected chi2(6) =	28.3223						
Design-based F(5.34, 21736.17) =	3.7079	Pr =	0.002				
Low healthcare utilizers							
Yes (n=489)	55.9	[50.0,61.7]	10.7	[7.6,14.8]	33.4	[28.0,39.4]	100.0
No (n=3,595)	79.1	[77.4,80.8]	3.5	[2.8,4.4]	17.4	[15.8,19.0]	100.0
Pearson: Uncorrected chi2(2) =	165.2563						
Design-based F(2.00, 8124.49) =	39.4785	Pr =	0.000				
High ER utilizers							
Yes (n=156)	81.2	[70.6,88.6]	1.9	[0.7,5.0]	16.9	[9.7,27.7]	100.0
No (n=3,928)	75.3	[73.5,77.1]	4.7	[3.9,5.7]	19.9	[18.3,21.7]	100.0
Pearson: Uncorrected chi2(2) =	4.5106						
Design-based F(1.61, 6539.01) =	1.2812	Pr =	0.274				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,159)	81.2	[78.2,84.0]	4.2	[2.9,6.1]	14.5	[12.1,17.3]	100.0
No chronic disease (n=2,925)	73.7	[71.5,75.8]	4.7	[3.8,5.8]	21.6	[19.7,23.7]	100.0
Pearson: Uncorrected chi2(2) =	25.5560						
Design-based F(2.00, 8130.95) =	7.9684	Pr =	0.000				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,031)	80.5	[78.1,82.7]	4.5	[3.4,5.9]	15.0	[13.0,17.2]	100.0
No MH/SA (n=2,053)	71.0	[68.3,73.5]	4.7	[3.6,6.0]	24.3	[21.9,26.9]	100.0
Pearson: Uncorrected chi2(2) =	56.9855						
Design-based F(2.00, 8142.27) =	15.7740	Pr =	0.000				
Total (n=4,084)	75.6	[73.8,77.3]	4.6	[3.8,5.5]	19.8	[18.2,21.5]	100.0

3.9 Q: I may get a reduction in the amount I might have to pay if I complete a Health Risk Assessment.

Universe: All respondents

	HMP: May get reduction in fees if I do HRA						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,597)	26.7	[24.0,29.7]	11.3	[9.5,13.4]	61.9	[58.8,64.9]	100.0
36-99% (n=1,445)	28.0	[25.1,31.0]	10.6	[8.9,12.7]	61.4	[58.3,64.5]	100.0
≥ 100%(n = 1,039)	32.0	[28.8,35.5]	9.4	[7.5,11.6]	58.6	[55.1,62.1]	100.0
Pearson: Uncorrected chi2(4) =	9.0334						
Design-based F(3.85, 15667.82) =	1.6377	Pr =	0.164				
Region							
UP/NW/NE (n=745)	28.7	[25.0,32.6]	9.6	[7.5,12.1]	61.8	[57.7,65.7]	100.0
W/E Central/E (n=1,262)	29.6	[26.7,32.5]	9.8	[8.1,11.8]	60.7	[57.5,63.7]	100.0
S Central/SW/SE (n=834)	27.9	[24.3,31.8]	9.9	[7.8,12.5]	62.2	[58.2,66.1]	100.0
Detroit Metro (n=1,240)	27.2	[24.1,30.5]	12.0	[9.9,14.4]	60.8	[57.3,64.3]	100.0
Pearson: Uncorrected chi2(6) =	6.1960						
Design-based F(5.29, 21515.18) =	0.8237	Pr =	0.538				
Low healthcare utilizers							
Yes (n=489)	27.0	[22.0,32.7]	11.8	[8.7,15.8]	61.1	[55.3,66.7]	100.0
No (n=3,592)	28.3	[26.4,30.3]	10.5	[9.3,11.9]	61.1	[59.1,63.2]	100.0
Pearson: Uncorrected chi2(2) =	1.1017						
Design-based F(1.98, 8071.53) =	0.2673	Pr =	0.764				
High ER utilizers							
Yes (n=156)	21.9	[14.6,31.6]	11.1	[6.6,18.1]	67.0	[57.0,75.6]	100.0
No (n=3,925)	28.4	[26.6,30.3]	10.7	[9.5,12.0]	60.9	[58.9,62.8]	100.0
Pearson: Uncorrected chi2(2) =	3.6483						
Design-based F(1.96, 7990.21) =	1.0319	Pr =	0.355				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,158)	27.0	[23.9,30.3]	10.9	[8.9,13.4]	62.1	[58.5,65.5]	100.0
No chronic disease (n=2,923)	28.5	[26.4,30.7]	10.7	[9.3,12.2]	60.8	[58.5,63.1]	100.0
Pearson: Uncorrected chi2(2) =	0.8734						
Design-based F(2.00, 8133.79) =	0.2931	Pr =	0.746				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,031)	27.9	[25.5,30.4]	10.9	[9.4,12.7]	61.2	[58.5,63.9]	100.0
No MH/SA (n=2,050)	28.3	[25.8,31.0]	10.6	[8.9,12.5]	61.1	[58.2,63.8]	100.0
Pearson: Uncorrected chi2(2) =	0.1706						
Design-based F(2.00, 8128.44) =	0.0513	Pr =	0.950				
Total (n=4,081)	28.1	[26.3,30.0]	10.7	[9.6,12.0]	61.1	[59.2,63.1]	100.0

3.10 Q: Information about the healthy behavior rewards that I can earn has led me to do something I might not have done otherwise.

Universe: All respondents

	HMP: health behavior rewards impact												Total Row%
	Strongly agree		Agree		Neutral		Disagree		Strongly disagree		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category													
0-35% (n=1,598)	6.2	[4.8,8.0]	35.5	[32.5,38.6]	11.2	[9.4,13.2]	24.2	[21.6,26.9]	2.6	[1.8,3.7]	20.3	[18.0,22.8]	100.0
36-99% (n=1,448)	4.5	[3.3,6.0]	37.3	[34.3,40.5]	12.3	[10.5,14.4]	22.2	[19.8,24.9]	1.2	[0.8,2.0]	22.4	[20.0,25.1]	100.0
≥ 100% (n = 1, 038)	3.9	[2.8,5.4]	32.3	[29.1,35.6]	13.8	[11.5,16.4]	26.5	[23.3,29.9]	1.5	[0.9,2.4]	22.2	[19.4,25.2]	100.0
Pearson: Uncorrected chi2(10) =	28.4064												
Design-based F(9.54, 38834.69) =	2.2353		Pr =	0.015									
Region													
UP/NW/NE (n=745)	6.0	[4.2,8.5]	34.4	[30.6,38.4]	12.9	[10.3,15.9]	23.4	[20.2,27.0]	1.6	[0.7,3.5]	21.8	[18.6,25.2]	100.0
W/E Central/E (n=1,263)	5.1	[3.8,6.8]	33.0	[30.2,36.0]	12.9	[10.9,15.2]	24.8	[22.1,27.8]	2.5	[1.7,3.7]	21.6	[19.1,24.4]	100.0
S Central/SW/SE (n=836)	3.4	[2.2,5.2]	34.4	[30.4,38.5]	15.7	[12.8,19.1]	23.5	[20.4,27.0]	1.6	[0.9,2.8]	21.5	[18.5,24.9]	100.0
Detroit Metro (n=1,240)	6.0	[4.5,8.0]	37.6	[34.2,41.1]	9.7	[7.9,11.9]	24.0	[21.1,27.1]	1.9	[1.1,3.1]	20.9	[18.3,23.7]	100.0
Pearson: Uncorrected chi2(15) =	33.1022												
Design-based F(13.54, 55147.53) =	1.7155		Pr =	0.048									
Low healthcare utilizers													
Yes (n=490)	6.2	[3.6,10.6]	33.4	[28.0,39.4]	17.9	[13.9,22.8]	23.7	[19.4,28.7]	2.4	[1.3,4.5]	16.3	[12.7,20.6]	100.0
No (n=3,594)	5.1	[4.2,6.1]	35.8	[33.8,37.8]	10.9	[9.8,12.2]	24.1	[22.4,26.0]	1.9	[1.4,2.6]	22.2	[20.6,23.9]	100.0
Pearson: Uncorrected chi2(5) =	33.0948												
Design-based F(4.75, 19325.52) =	3.1827		Pr =	0.008									
High ER utilizers													
Yes (n=156)	6.5	[3.1,13.3]	34.0	[25.2,44.2]	4.6	[2.4,8.8]	28.2	[19.6,38.8]	1.3	[0.4,4.2]	25.2	[17.7,34.6]	100.0
No (n=3,928)	5.2	[4.3,6.2]	35.5	[33.5,37.4]	12.3	[11.1,13.7]	23.9	[22.2,25.6]	2.0	[1.5,2.6]	21.1	[19.6,22.7]	100.0
Pearson: Uncorrected chi2(5) =	12.3798												
Design-based F(4.52, 18410.55) =	1.6235		Pr =	0.157									
Chronic disease (HEDIS)													
Chronic disease (HEDIS) (n=1,159)	5.0	[3.7,6.8]	35.6	[32.2,39.1]	8.2	[6.6,10.2]	24.8	[21.8,28.1]	1.8	[1.1,3.1]	24.6	[21.6,27.7]	100.0
No chronic disease (n=2,925)	5.3	[4.3,6.6]	35.3	[33.1,37.7]	13.3	[11.8,14.9]	23.8	[21.9,25.9]	2.0	[1.5,2.8]	20.2	[18.5,22.0]	100.0
Pearson: Uncorrected chi2(5) =	23.9929												
Design-based F(4.97, 20242.92) =	3.3660		Pr =	0.005									
Mental health/substance use disorder (HEDIS)													
MH/SA (HEDIS) (n=2,031)	6.0	[4.7,7.6]	36.5	[33.9,39.3]	9.9	[8.5,11.5]	23.7	[21.4,26.1]	1.7	[1.2,2.6]	22.2	[20.1,24.4]	100.0
No MH/SA (n=2,053)	4.5	[3.4,5.9]	34.3	[31.7,37.1]	14.0	[12.2,16.0]	24.5	[22.2,27.0]	2.2	[1.5,3.2]	20.5	[18.4,22.8]	100.0
Pearson: Uncorrected chi2(5) =	22.7393												
Design-based F(4.96, 20183.28) =	2.7866		Pr =	0.016									
Total (n=4,084)	5.2	[4.4,6.3]	35.4	[33.5,37.3]	12.0	[10.8,13.3]	24.1	[22.4,25.8]	2.0	[1.5,2.6]	21.3	[19.8,22.9]	100.0

3.11 Q: The amount I have to pay overall for the Healthy Michigan Plan seems fair.

Universe: All respondents

	HMP: price is fair												Total Row%
	Strongly agree		Agree		Neutral		Disagree		Strongly disagree		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category													
0-35% (n=1,596)	24.0	[21.5,26.6]	63.4	[60.4,66.3]	4.8	[3.5,6.5]	3.8	[2.8,5.2]	0.5	[0.2,1.4]	3.5	[2.6,4.9]	100.0
36-99% (n=1,447)	28.5	[25.7,31.4]	62.0	[58.9,65.0]	2.8	[2.0,3.9]	2.0	[1.4,2.9]	1.1	[0.5,2.6]	3.6	[2.6,5.0]	100.0
≥ 100% (n = 1,039)	21.6	[18.9,24.6]	62.6	[59.1,66.0]	4.9	[3.5,6.7]	7.2	[5.5,9.4]	1.1	[0.6,2.0]	2.6	[1.6,4.2]	100.0
Pearson: Uncorrected chi2(10) =	57.0996												
Design-based F(9.11, 37070.05) =	3.8832		Pr =	0.000									
Region													
UP/NW/NE (n=745)	31.7	[27.9,35.7]	58.1	[54.0,62.2]	4.2	[2.6,6.8]	4.0	[2.7,6.0]	0.2	[0.0,0.7]	1.8	[1.0,3.3]	100.0
W/E Central/E (n=1,261)	27.4	[24.6,30.4]	62.1	[58.9,65.2]	3.5	[2.5,4.9]	3.2	[2.2,4.7]	1.1	[0.5,2.3]	2.7	[1.9,4.0]	100.0
S Central/SW/SE (n=836)	22.5	[19.4,25.9]	66.2	[62.3,69.8]	3.9	[2.6,5.6]	4.0	[2.7,6.1]	0.5	[0.2,1.6]	2.9	[1.9,4.4]	100.0
Detroit Metro (n=1,240)	22.7	[19.9,25.7]	62.9	[59.5,66.2]	4.8	[3.4,6.8]	4.4	[3.3,5.9]	0.9	[0.4,1.9]	4.3	[3.1,5.9]	100.0
Pearson: Uncorrected chi2(15) =	36.6501												
Design-based F(12.99, 52867.91) =	1.9111		Pr =	0.024									
Low healthcare utilizers													
Yes (n=490)	18.0	[14.1,22.7]	62.1	[56.2,67.6]	8.5	[5.3,13.3]	5.0	[3.1,7.9]	0.4	[0.1,1.2]	6.1	[3.9,9.4]	100.0
No (n=3,592)	26.0	[24.3,27.8]	63.0	[61.0,65.0]	3.5	[2.8,4.3]	3.8	[3.1,4.6]	0.9	[0.5,1.5]	2.9	[2.3,3.7]	100.0
Pearson: Uncorrected chi2(5) =	64.6001												
Design-based F(4.60, 18722.31) =	6.9047		Pr =	0.000									
High ER utilizers													
Yes (n=156)	23.7	[16.0,33.7]	60.9	[50.6,70.3]	1.8	[0.4,7.3]	7.3	[3.2,15.4]	0.7	[0.2,3.1]	5.5	[2.5,11.6]	100.0
No (n=3,926)	24.8	[23.2,26.6]	62.9	[61.0,64.8]	4.3	[3.5,5.3]	3.8	[3.1,4.6]	0.8	[0.5,1.4]	3.3	[2.6,4.1]	100.0
Pearson: Uncorrected chi2(5) =	10.5957												
Design-based F(4.60, 18725.51) =	1.2629		Pr =	0.279									
Chronic disease (HEDIS)													
Chronic disease (HEDIS) (n=1,158)	26.4	[23.4,29.7]	61.7	[58.1,65.1]	3.7	[2.5,5.5]	4.2	[2.9,6.1]	1.0	[0.4,2.6]	2.9	[2.0,4.4]	100.0
No chronic disease (n=2,924)	24.2	[22.3,26.2]	63.2	[60.9,65.4]	4.4	[3.4,5.6]	3.9	[3.1,4.8]	0.7	[0.4,1.3]	3.5	[2.7,4.5]	100.0
Pearson: Uncorrected chi2(5) =	4.1680												
Design-based F(4.81, 19593.39) =	0.4889		Pr =	0.778									
Mental health/substance use disorder (HEDIS)													
MH/SA (HEDIS) (n=2,029)	27.1	[24.7,29.6]	61.0	[58.3,63.7]	3.5	[2.6,4.6]	3.7	[2.8,4.8]	1.4	[0.8,2.4]	3.4	[2.6,4.5]	100.0
No MH/SA (n=2,053)	22.6	[20.5,24.9]	64.6	[61.9,67.2]	4.9	[3.7,6.6]	4.2	[3.2,5.5]	0.3	[0.1,0.6]	3.4	[2.4,4.6]	100.0
Pearson: Uncorrected chi2(5) =	31.1678												
Design-based F(4.91, 19974.65) =	4.0091		Pr =	0.001									
Total (n=4,082)	24.8	[23.2,26.5]	62.8	[60.9,64.7]	4.2	[3.4,5.2]	4.0	[3.3,4.8]	0.8	[0.5,1.3]	3.4	[2.7,4.2]	100.0

3.12 Q: The amount I pay for the Healthy Michigan Plan is affordable.

Universe: All respondents

	HMP: affordable												Total Row%
	Strongly agree		Agree		Neutral		Disagree		Strongly disagree		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category													
0-35% (n=1,596)	24.4	[21.8,27.1]	64.3	[61.2,67.2]	4.2	[3.0,5.9]	3.8	[2.9,5.1]	0.5	[0.2,1.1]	2.9	[2.0,4.1]	100.0
36-99% (n=1,449)	28.9	[26.2,31.8]	62.1	[59.0,65.1]	2.3	[1.6,3.3]	2.3	[1.4,3.6]	0.8	[0.3,2.0]	3.6	[2.5,5.2]	100.0
≥ 100% (n = 1, 039)	21.4	[18.7,24.5]	64.4	[61.0,67.8]	5.7	[4.2,7.7]	4.6	[3.5,6.2]	1.1	[0.5,2.5]	2.7	[1.7,4.2]	100.0
Pearson: Uncorrected chi2(10) =	40.7736												
Design-based F(9.50, 38700.09) =	2.6932		Pr =	0.003									
Region													
UP/NW/NE (n=745)	30.4	[26.7,34.2]	62.7	[58.6,66.6]	1.9	[1.1,3.4]	3.5	[2.1,5.6]	0.3	[0.1,0.9]	1.3	[0.5,3.1]	100.0
W/E Central/E (n=1,262)	26.4	[23.7,29.3]	63.2	[60.0,66.2]	3.7	[2.7,5.2]	2.8	[1.8,4.2]	1.1	[0.5,2.2]	2.9	[2.0,4.1]	100.0
S Central/SW/SE (n=836)	23.4	[20.2,26.9]	65.8	[61.9,69.5]	4.0	[2.7,5.9]	3.5	[2.4,5.1]	0.7	[0.3,1.7]	2.7	[1.7,4.2]	100.0
Detroit Metro (n=1,241)	23.9	[21.0,26.9]	63.4	[59.9,66.7]	4.5	[3.1,6.4]	4.1	[3.0,5.6]	0.6	[0.2,1.5]	3.6	[2.5,5.3]	100.0
Pearson: Uncorrected chi2(15) =	25.1739												
Design-based F(13.04, 53090.55) =	1.3172		Pr =	0.194									
Low healthcare utilizers													
Yes (n=490)	19.0	[14.9,23.9]	62.7	[56.8,68.3]	8.0	[4.9,12.9]	3.5	[2.0,6.2]	1.3	[0.5,3.3]	5.4	[3.2,8.8]	100.0
No (n=3,594)	26.2	[24.4,28.0]	63.9	[61.9,65.8]	3.2	[2.6,4.0]	3.6	[2.9,4.4]	0.6	[0.3,1.1]	2.6	[2.0,3.4]	100.0
Pearson: Uncorrected chi2(5) =	59.3673												
Design-based F(4.88, 19880.82) =	5.5392		Pr =	0.000									
High ER utilizers													
Yes (n=156)	23.4	[15.7,33.2]	62.3	[52.1,71.4]	2.0	[0.7,5.3]	7.1	[3.5,13.9]	0.7	[0.2,3.1]	4.6	[1.8,10.9]	100.0
No (n=3,928)	25.2	[23.5,26.9]	63.8	[61.8,65.7]	4.0	[3.2,5.0]	3.4	[2.7,4.2]	0.7	[0.4,1.2]	3.0	[2.3,3.8]	100.0
Pearson: Uncorrected chi2(5) =	10.3346												
Design-based F(4.48, 18259.85) =	1.4185		Pr =	0.220									
Chronic disease (HEDIS)													
Chronic disease (HEDIS) (n=1,159)	27.5	[24.4,30.8]	61.6	[58.1,65.1]	2.8	[1.9,4.2]	4.3	[3.0,6.1]	1.1	[0.4,2.6]	2.7	[1.8,4.2]	100.0
No chronic disease (n=2,925)	24.3	[22.4,26.3]	64.4	[62.1,66.6]	4.3	[3.4,5.5]	3.3	[2.6,4.2]	0.6	[0.3,1.1]	3.1	[2.4,4.1]	100.0
Pearson: Uncorrected chi2(5) =	13.2623												
Design-based F(4.90, 19934.10) =	1.6634		Pr =	0.141									
Mental health/substance use disorder (HEDIS)													
MH/SA (HEDIS) (n=2,030)	28.3	[25.9,30.9]	60.4	[57.6,63.0]	3.3	[2.4,4.4]	4.0	[3.1,5.2]	0.9	[0.5,1.7]	3.2	[2.3,4.4]	100.0
No MH/SA (n=2,054)	22.1	[19.9,24.4]	66.8	[64.1,69.4]	4.5	[3.4,6.1]	3.1	[2.3,4.3]	0.6	[0.3,1.1]	2.9	[2.0,4.1]	100.0
Pearson: Uncorrected chi2(5) =	30.3270												
Design-based F(4.97, 20232.03) =	3.5182		Pr =	0.004									
Total (n=4,084)	25.1	[23.4,26.8]	63.7	[61.8,65.6]	3.9	[3.2,4.9]	3.5	[2.9,4.3]	0.7	[0.4,1.2]	3.0	[2.4,3.8]	100.0

3.13 Q: I'd rather take some responsibility to pay something for my health care than not pay anything.

Universe: All respondents

	HMP: rather pay something than nothing												Total Row%
	Strongly agree		Agree		Neutral		Disagree		Strongly disagree		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category													
0-35% (n=1,593)	13.5	[11.5,15.7]	54.0	[50.8,57.1]	9.9	[8.1,12.1]	17.1	[14.9,19.5]	2.6	[1.8,3.8]	2.9	[2.0,4.3]	100.0
36-99% (n=1,443)	15.9	[13.7,18.3]	59.0	[55.9,62.1]	8.3	[6.7,10.2]	12.1	[10.2,14.2]	2.1	[1.3,3.4]	2.6	[1.6,4.2]	100.0
≥ 100%(n = 1, 037)	16.6	[14.2,19.2]	63.4	[59.9,66.7]	6.3	[4.7,8.2]	11.6	[9.4,14.2]	0.8	[0.4,1.6]	1.4	[0.7,2.8]	100.0
Pearson: Uncorrected chi2(10) =	58.0207												
Design-based F(9.47, 38461.39) =	4.0590		Pr =	0.000									
Region													
UP/NW/NE (n=745)	17.5	[14.5,20.9]	60.9	[56.7,64.9]	8.7	[6.4,11.7]	11.4	[9.0,14.3]	0.7	[0.3,1.6]	0.8	[0.3,2.4]	100.0
W/E Central/E (n=1,259)	15.1	[13.0,17.4]	59.4	[56.2,62.5]	10.2	[8.3,12.4]	10.7	[8.8,13.0]	2.3	[1.5,3.5]	2.3	[1.5,3.4]	100.0
S Central/SW/SE (n=834)	18.0	[14.9,21.5]	58.4	[54.2,62.4]	8.1	[5.9,10.9]	11.7	[9.5,14.4]	2.2	[1.2,4.0]	1.7	[0.9,3.0]	100.0
Detroit Metro (n=1,235)	12.6	[10.6,15.1]	54.7	[51.2,58.1]	8.1	[6.3,10.4]	18.9	[16.4,21.8]	2.2	[1.4,3.6]	3.4	[2.3,5.2]	100.0
Pearson: Uncorrected chi2(15) =	78.9330												
Design-based F(13.20, 53620.44) =	3.9871		Pr =	0.000									
Low healthcare utilizers													
Yes (n=489)	14.8	[10.9,19.8]	54.8	[48.9,60.6]	12.1	[8.6,16.7]	14.6	[10.8,19.5]	1.7	[0.9,3.1]	2.1	[0.8,5.0]	100.0
No (n=3,584)	14.8	[13.4,16.2]	57.7	[55.6,59.8]	8.1	[7.0,9.4]	14.6	[13.1,16.1]	2.2	[1.6,3.0]	2.6	[2.0,3.5]	100.0
Pearson: Uncorrected chi2(5) =	11.6729												
Design-based F(4.76, 19315.21) =	1.0887		Pr =	0.363									
High ER utilizers													
Yes (n=156)	8.3	[5.0,13.5]	53.2	[43.0,63.2]	9.7	[4.2,20.7]	20.3	[13.3,29.8]	0.6	[0.1,2.2]	7.9	[3.0,19.4]	100.0
No (n=3,917)	15.1	[13.7,16.5]	57.5	[55.5,59.4]	8.7	[7.6,10.0]	14.3	[12.9,15.8]	2.2	[1.6,2.9]	2.3	[1.7,3.0]	100.0
Pearson: Uncorrected chi2(5) =	33.8298												
Design-based F(3.79, 15383.80) =	3.3796		Pr =	0.010									
Chronic disease (HEDIS)													
Chronic disease (HEDIS) (n=1,155)	13.6	[11.4,16.1]	56.0	[52.3,59.5]	7.0	[5.2,9.3]	16.3	[13.8,19.2]	3.2	[2.1,5.0]	3.9	[2.5,5.8]	100.0
No chronic disease (n=2,918)	15.2	[13.6,16.9]	57.7	[55.4,60.0]	9.3	[8.0,10.8]	14.0	[12.4,15.7]	1.7	[1.2,2.5]	2.1	[1.5,3.0]	100.0
Pearson: Uncorrected chi2(5) =	26.4953												
Design-based F(4.91, 19925.10) =	3.1783		Pr =	0.008									
Mental health/substance use disorder (HEDIS)													
MH/SA (HEDIS) (n=2,023)	15.6	[13.7,17.7]	55.4	[52.6,58.1]	8.1	[6.7,9.8]	15.1	[13.3,17.2]	2.8	[1.9,3.9]	3.0	[2.0,4.4]	100.0
No MH/SA (n=2,050)	14.0	[12.2,15.9]	59.1	[56.2,61.8]	9.3	[7.7,11.3]	14.0	[12.1,16.2]	1.5	[0.9,2.4]	2.1	[1.4,3.1]	100.0
Pearson: Uncorrected chi2(5) =	17.4448												
Design-based F(4.96, 20149.91) =	1.9447		Pr =	0.084									
Total (n=4,073)	14.8	[13.5,16.2]	57.3	[55.3,59.2]	8.7	[7.6,10.0]	14.6	[13.2,16.0]	2.1	[1.6,2.8]	2.5	[1.9,3.3]	100.0

3.14 Q: Have you received a bill or statement from the state that showed the services you received and how much you owe for the Healthy Michigan Plan?

Universe: All respondents

	Received MI health account statement						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,600)	66.0	[62.9,69.1]	30.8	[27.9,34.0]	3.1	[2.2,4.3]	100.0
36-99% (n=1,450)	67.2	[64.1,70.2]	28.5	[25.6,31.5]	4.3	[3.2,5.9]	100.0
≥ 100%(n = 1,040)	75.4	[72.0,78.5]	22.2	[19.2,25.5]	2.4	[1.5,3.8]	100.0
Pearson: Uncorrected chi2(4) =	28.9485						
Design-based F(3.86, 15751.04) =	5.0470	Pr =	0.001				
Region							
UP/NW/NE (n=746)	77.1	[73.3,80.5]	19.4	[16.2,23.0]	3.5	[2.2,5.6]	100.0
W/E Central/E (n=1,265)	71.9	[68.7,74.8]	24.5	[21.7,27.5]	3.7	[2.5,5.3]	100.0
S Central/SW/SE (n=837)	68.0	[63.8,71.9]	29.1	[25.3,33.3]	2.9	[1.8,4.5]	100.0
Detroit Metro (n=1,242)	64.1	[60.6,67.5]	32.6	[29.3,36.1]	3.3	[2.3,4.6]	100.0
Pearson: Uncorrected chi2(6) =	40.0171						
Design-based F(5.43, 22159.92) =	4.9520	Pr =	0.000				
Low healthcare utilizers							
Yes (n=491)	46.4	[40.8,52.2]	47.9	[42.1,53.8]	5.7	[3.8,8.3]	100.0
No (n=3,599)	72.1	[70.1,74.0]	24.9	[23.1,26.9]	2.9	[2.3,3.7]	100.0
Pearson: Uncorrected chi2(2) =	161.1244						
Design-based F(1.95, 7939.00) =	43.6386	Pr =	0.000				
High ER utilizers							
Yes (n=156)	54.5	[44.1,64.5]	42.4	[32.4,53.0]	3.1	[0.9,10.8]	100.0
No (n=3,934)	68.9	[66.9,70.8]	27.8	[25.9,29.8]	3.3	[2.7,4.1]	100.0
Pearson: Uncorrected chi2(2) =	18.1397						
Design-based F(1.98, 8073.64) =	4.0343	Pr =	0.018				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,161)	74.3	[70.9,77.5]	23.2	[20.1,26.6]	2.5	[1.6,3.9]	100.0
No chronic disease (n=2,929)	66.2	[63.8,68.4]	30.2	[28.0,32.5]	3.6	[2.9,4.6]	100.0
Pearson: Uncorrected chi2(2) =	23.8214						
Design-based F(1.99, 8105.77) =	7.8048	Pr =	0.000				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,034)	68.5	[65.7,71.1]	28.5	[25.9,31.2]	3.1	[2.2,4.2]	100.0
No MH/SA (n=2,056)	68.0	[65.2,70.7]	28.4	[25.8,31.2]	3.6	[2.7,4.7]	100.0
Pearson: Uncorrected chi2(2) =	0.7459						
Design-based F(1.99, 8101.51) =	0.2141	Pr =	0.806				
Total (n=4,090)	68.2	[66.3,70.1]	28.5	[26.6,30.4]	3.3	[2.7,4.1]	100.0

3.15 Q: Have you had any questions or problems using your Healthy Michigan Plan insurance?

Universe: All respondents

	Any questions about HMP						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,599)	15.5	[13.4,17.8]	84.4	[82.1,86.5]	0.1	[0.0,0.4]	100.0
36-99% (n=1,450)	16.1	[14.0,18.5]	83.8	[81.4,85.9]	0.0	[0.0,0.3]	100.0
≥ 100% (n = 1,040)	14.8	[12.5,17.5]	84.7	[82.0,87.0]	0.5	[0.2,1.4]	100.0
Pearson: Uncorrected chi2(4) =	9.6711						
Design-based F(3.57, 14538.01) =	2.2655	Pr =	0.067				
Region							
UP/NW/NE (n=746)	13.4	[10.9,16.3]	86.2	[83.2,88.7]	0.5	[0.1,2.3]	100.0
W/E Central/E (n=1,265)	15.5	[13.3,17.9]	84.3	[81.8,86.4]	0.3	[0.1,0.9]	100.0
S Central/SW/SE (n=837)	18.5	[15.7,21.8]	81.4	[78.2,84.3]	0.1	[0.0,0.5]	100.0
Detroit Metro (n=1,241)	14.8	[12.5,17.4]	85.2	[82.5,87.5]	0.1	[0.0,0.2]	100.0
Pearson: Uncorrected chi2(6) =	11.9769						
Design-based F(5.01, 20410.01) =	2.0053	Pr =	0.074				
Low healthcare utilizers							
Yes (n=491)	11.4	[8.6,15.0]	88.1	[84.4,91.0]	0.5	[0.2,1.3]	100.0
No (n=3,598)	16.3	[14.8,17.9]	83.6	[82.0,85.1]	0.1	[0.0,0.3]	100.0
Pearson: Uncorrected chi2(2) =	15.4292						
Design-based F(1.89, 7702.88) =	5.7984	Pr =	0.004				
High ER utilizers							
Yes (n=156)	12.8	[7.9,20.1]	87.2	[79.9,92.1]	0.0		100.0
No (n=3,933)	15.7	[14.3,17.2]	84.2	[82.7,85.6]	0.2	[0.1,0.4]	100.0
Pearson: Uncorrected chi2(2) =	1.3761						
Design-based F(1.93, 7860.77) =	0.5382	Pr =	0.577				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,160)	15.8	[13.2,18.7]	84.2	[81.2,86.8]	0.0	[0.0,0.3]	100.0
No chronic disease (n=2,929)	15.5	[13.9,17.2]	84.3	[82.6,85.9]	0.2	[0.1,0.4]	100.0
Pearson: Uncorrected chi2(2) =	1.1340						
Design-based F(1.60, 6523.08) =	0.5515	Pr =	0.538				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,034)	17.4	[15.4,19.5]	82.6	[80.4,84.6]	0.0	[0.0,0.2]	100.0
No MH/SA (n=2,055)	13.8	[12.0,15.9]	85.9	[83.8,87.7]	0.3	[0.1,0.6]	100.0
Pearson: Uncorrected chi2(2) =	13.9840						
Design-based F(1.58, 6440.08) =	6.5872	Pr =	0.003				
Total (n=4,089)	15.5	[14.2,17.0]	84.3	[82.8,85.7]	0.2	[0.1,0.3]	100.0

3.16 Q: Did anyone give you help or advice?

Universe: Respondents who had questions or problems with their Healthy Michigan Plan insurance

	Did you get help?						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=248)	49.0	[41.4,56.6]	50.4	[42.8,58.0]	0.6	[0.1,4.3]	100.0
36-99% (n=229)	49.4	[41.9,56.8]	50.3	[42.9,57.8]	0.3	[0.0,2.2]	100.0
≥ 100%(n = 155)	41.4	[32.8,50.5]	54.9	[45.6,63.9]	3.7	[0.9,13.8]	100.0
Pearson: Uncorrected chi2(4) =	10.6268						
Design-based F(3.48, 2155.00) =	1.9832	Pr =	0.104				
Region							
UP/NW/NE (n=106)	50.7	[40.1,61.3]	48.4	[37.9,59.1]	0.8	[0.1,5.7]	100.0
W/E Central/E (n=193)	54.0	[46.2,61.6]	42.6	[35.2,50.4]	3.4	[1.0,10.6]	100.0
S Central/SW/SE (n=154)	49.6	[40.7,58.5]	50.4	[41.5,59.3]	0.0		100.0
Detroit Metro (n=179)	41.7	[33.2,50.7]	58.1	[49.1,66.6]	0.2	[0.0,1.6]	100.0
Pearson: Uncorrected chi2(6) =	20.4759						
Design-based F(4.48, 2779.60) =	3.0532	Pr =	0.012				
Low healthcare utilizers							
Yes (n=71)	31.3	[20.0,45.4]	63.0	[48.3,75.6]	5.8	[1.3,22.5]	100.0
No (n=561)	49.7	[44.6,54.9]	49.8	[44.6,54.9]	0.5	[0.1,2.1]	100.0
Pearson: Uncorrected chi2(2) =	22.1392						
Design-based F(1.95, 1211.96) =	6.5948	Pr =	0.002				
High ER utilizers							
Yes (n=21)	27.4	[11.7,51.8]	72.6	[48.2,88.3]	0.0		100.0
No (n=611)	48.4	[43.5,53.4]	50.4	[45.5,55.4]	1.2	[0.4,3.3]	100.0
Pearson: Uncorrected chi2(2) =	4.4537						
Design-based F(1.93, 1198.09) =	1.3891	Pr =	0.250				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=169)	47.9	[38.6,57.5]	51.8	[42.2,61.2]	0.3	[0.0,1.9]	100.0
No chronic disease (n=463)	47.6	[42.0,53.2]	51.0	[45.4,56.7]	1.4	[0.5,4.2]	100.0
Pearson: Uncorrected chi2(2) =	1.3796						
Design-based F(1.64, 1017.54) =	0.6558	Pr =	0.490				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=345)	47.7	[41.4,54.2]	51.4	[45.0,57.7]	0.9	[0.2,3.5]	100.0
No MH/SA (n=287)	47.5	[40.3,54.9]	51.1	[43.7,58.4]	1.4	[0.3,6.2]	100.0
Pearson: Uncorrected chi2(2) =	0.3607						
Design-based F(1.98, 1226.32) =	0.1038	Pr =	0.899				
Total (n=632)	47.7	[42.8,52.5]	51.2	[46.4,56.1]	1.1	[0.4,3.2]	100.0

3.17 Q: Who helped you?

3.17.1 Healthy Michigan Plan Help- Helpline (undistinguished)

Universe: Respondents who received help or advice

	HMP help: helpline (generic)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=133)	11.7	[5.5,23.1]	88.3	[76.9,94.5]	100.0
36-99% (n=121)	18.0	[11.4,27.2]	82.0	[72.8,88.6]	100.0
≥ 100% (n = 70)	13.4	[6.3,26.4]	86.6	[73.6,93.7]	100.0
Pearson: Uncorrected chi2(2) =	2.1195				
Design-based F(1.80, 562.81) =	0.6460	Pr =	0.509		
Region					
UP/NW/NE (n=55)	12.2	[3.9,32.1]	87.8	[67.9,96.1]	100.0
W/E Central/E (n=104)	6.1	[2.9,12.4]	93.9	[87.6,97.1]	100.0
S Central/SW/SE (n=78)	15.7	[8.3,27.5]	84.3	[72.5,91.7]	100.0
Detroit Metro (n=87)	20.1	[10.6,34.7]	79.9	[65.3,89.4]	100.0
Pearson: Uncorrected chi2(3) =	9.3828				
Design-based F(2.75, 858.65) =	2.2717	Pr =	0.084		
Low healthcare utilizers					
Yes (n=24)	19.9	[7.0,45.1]	80.1	[54.9,93.0]	100.0
No (n=300)	13.4	[8.8,19.9]	86.6	[80.1,91.2]	100.0
Pearson: Uncorrected chi2(1) =	0.7891				
Design-based F(1.00, 312.00) =	0.5455	Pr =	0.461		
High ER utilizers					
Yes (n=6)	14.8	[1.9,60.6]	85.2	[39.4,98.1]	100.0
No (n=318)	13.9	[9.3,20.2]	86.1	[79.8,90.7]	100.0
Pearson: Uncorrected chi2(1) =	0.0048				
Design-based F(1.00, 312.00) =	0.0044	Pr =	0.947		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=92)	12.7	[6.9,22.3]	87.3	[77.7,93.1]	100.0
No chronic disease (n=232)	14.3	[8.8,22.3]	85.7	[77.7,91.2]	100.0
Pearson: Uncorrected chi2(1) =	0.1273				
Design-based F(1.00, 312.00) =	0.0939	Pr =	0.760		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=173)	11.2	[6.5,18.5]	88.8	[81.5,93.5]	100.0
No MH/SA (n=151)	17.1	[9.7,28.3]	82.9	[71.7,90.3]	100.0
Pearson: Uncorrected chi2(1) =	2.3786				
Design-based F(1.00, 312.00) =	1.2581	Pr =	0.263		
Total (n=324)	13.9	[9.4,20.1]	86.1	[79.9,90.6]	100.0

3.17.2 Healthy Michigan Plan Help- Healthy Michigan Plan beneficiary hotline

Universe: Respondents who received help or advice

	HMP help: HMP beneficiary hotline				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=133)	13.2	[7.8,21.7]	86.8	[78.3,92.2]	100.0
36-99% (n=121)	12.9	[7.5,21.2]	87.1	[78.8,92.5]	100.0
≥ 100% (n = 70)	22.9	[12.9,37.5]	77.1	[62.5,87.1]	100.0
Pearson: Uncorrected chi2(2) =	3.4251				
Design-based F(1.96, 612.49) =	1.3289	Pr =	0.265		
Region					
UP/NW/NE (n=55)	10.9	[4.9,22.6]	89.1	[77.4,95.1]	100.0
W/E Central/E (n=104)	11.3	[6.4,19.1]	88.7	[80.9,93.6]	100.0
S Central/SW/SE (n=78)	19.1	[10.8,31.6]	80.9	[68.4,89.2]	100.0
Detroit Metro (n=87)	15.8	[8.6,27.4]	84.2	[72.6,91.4]	100.0
Pearson: Uncorrected chi2(3) =	2.5619				
Design-based F(2.59, 807.67) =	0.7538	Pr =	0.502		
Low healthcare utilizers					
Yes (n=24)	22.8	[8.8,47.5]	77.2	[52.5,91.2]	100.0
No (n=300)	14.1	[9.9,19.5]	85.9	[80.5,90.1]	100.0
Pearson: Uncorrected chi2(1) =	1.3351				
Design-based F(1.00, 312.00) =	0.9783	Pr =	0.323		
High ER utilizers					
Yes (n=6)	14.8	[1.9,60.6]	85.2	[39.4,98.1]	100.0
No (n=318)	14.7	[10.6,20.1]	85.3	[79.9,89.4]	100.0
Pearson: Uncorrected chi2(1) =	0.0000				
Design-based F(1.00, 312.00) =	0.0000	Pr =	0.996		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=92)	14.4	[7.4,26.0]	85.6	[74.0,92.6]	100.0
No chronic disease (n=232)	14.8	[10.2,21.1]	85.2	[78.9,89.8]	100.0
Pearson: Uncorrected chi2(1) =	0.0095				
Design-based F(1.00, 312.00) =	0.0065	Pr =	0.936		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=173)	12.4	[7.5,19.9]	87.6	[80.1,92.5]	100.0
No MH/SA (n=151)	17.4	[11.3,25.8]	82.6	[74.2,88.7]	100.0
Pearson: Uncorrected chi2(1) =	1.5907				
Design-based F(1.00, 312.00) =	1.0716	Pr =	0.301		
Total (n=324)	14.7	[10.6,20.0]	85.3	[80.0,89.4]	100.0

3.17.3 Healthy Michigan Plan Help- Health plan hotline

Universe: Respondents who received help or advice

	HMP help: health plan hotline				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=133)	32.5	[23.7,42.8]	67.5	[57.2,76.3]	100.0
36-99% (n=121)	28.9	[20.5,39.1]	71.1	[60.9,79.5]	100.0
≥ 100% (n = 70)	37.7	[25.6,51.5]	62.3	[48.5,74.4]	100.0
Pearson: Uncorrected chi2(2) =	1.2352				
Design-based F(1.95, 608.04) =	0.4960	Pr =	0.604		
Region					
UP/NW/NE (n=55)	40.5	[26.8,55.9]	59.5	[44.1,73.2]	100.0
W/E Central/E (n=104)	26.2	[17.4,37.5]	73.8	[62.5,82.6]	100.0
S Central/SW/SE (n=78)	34.8	[23.5,48.1]	65.2	[51.9,76.5]	100.0
Detroit Metro (n=87)	34.1	[23.3,46.8]	65.9	[53.2,76.7]	100.0
Pearson: Uncorrected chi2(3) =	2.9623				
Design-based F(2.72, 848.25) =	0.7794	Pr =	0.494		
Low healthcare utilizers					
Yes (n=24)	22.7	[8.5,48.4]	77.3	[51.6,91.5]	100.0
No (n=300)	33.0	[26.8,39.8]	67.0	[60.2,73.2]	100.0
Pearson: Uncorrected chi2(1) =	1.0604				
Design-based F(1.00, 312.00) =	0.7341	Pr =	0.392		
High ER utilizers					
Yes (n=6)	52.2	[16.1,86.1]	47.8	[13.9,83.9]	100.0
No (n=318)	31.8	[25.9,38.4]	68.2	[61.6,74.1]	100.0
Pearson: Uncorrected chi2(1) =	1.2713				
Design-based F(1.00, 312.00) =	0.9546	Pr =	0.329		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=92)	29.1	[18.9,41.9]	70.9	[58.1,81.1]	100.0
No chronic disease (n=232)	33.3	[26.4,41.1]	66.7	[58.9,73.6]	100.0
Pearson: Uncorrected chi2(1) =	0.5168				
Design-based F(1.00, 312.00) =	0.3579	Pr =	0.550		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=173)	31.9	[24.1,41.0]	68.1	[59.0,75.9]	100.0
No MH/SA (n=151)	32.6	[24.1,42.4]	67.4	[57.6,75.9]	100.0
Pearson: Uncorrected chi2(1) =	0.0160				
Design-based F(1.00, 312.00) =	0.0107	Pr =	0.918		
Total (n=324)	32.2	[26.3,38.8]	67.8	[61.2,73.7]	100.0

3.17.4 Healthy Michigan Plan Help- Friend or relative

Universe: Respondents who received help or advice

	HMP help: friend/relative				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=133)	3.7	[1.5,8.8]	96.3	[91.2,98.5]	100.0
36-99% (n=121)	2.6	[0.9,7.1]	97.4	[92.9,99.1]	100.0
≥ 100% (n = 70)	0.0		100.0		100.0
Pearson: Uncorrected chi2(2) =	2.1088				
Design-based F(1.85, 578.46) =	1.0933	Pr =	0.332		
Region					
UP/NW/NE (n=55)	0.0		100.0		100.0
W/E Central/E (n=104)	2.8	[0.8,9.3]	97.2	[90.7,99.2]	100.0
S Central/SW/SE (n=78)	5.9	[2.0,15.8]	94.1	[84.2,98.0]	100.0
Detroit Metro (n=87)	1.4	[0.3,5.4]	98.6	[94.6,99.7]	100.0
Pearson: Uncorrected chi2(3) =	4.2551				
Design-based F(2.90, 903.58) =	1.4049	Pr =	0.241		
Low healthcare utilizers					
Yes (n=24)	0.0		100.0		100.0
No (n=300)	3.0	[1.5,5.9]	97.0	[94.1,98.5]	100.0
Pearson: Uncorrected chi2(1) =	0.7311				
Design-based F(1.00, 312.00) =	0.6069	Pr =	0.437		
High ER utilizers					
Yes (n=6)	26.9	[4.0,76.6]	73.1	[23.4,96.0]	100.0
No (n=318)	2.3	[1.1,4.6]	97.7	[95.4,98.9]	100.0
Pearson: Uncorrected chi2(1) =	15.0213				
Design-based F(1.00, 312.00) =	9.6124	Pr =	0.002		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=92)	2.2	[0.3,14.1]	97.8	[85.9,99.7]	100.0
No chronic disease (n=232)	3.0	[1.4,6.1]	97.0	[93.9,98.6]	100.0
Pearson: Uncorrected chi2(1) =	0.1287				
Design-based F(1.00, 312.00) =	0.0773	Pr =	0.781		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=173)	4.0	[1.7,8.9]	96.0	[91.1,98.3]	100.0
No MH/SA (n=151)	1.4	[0.4,4.6]	98.6	[95.4,99.6]	100.0
Pearson: Uncorrected chi2(1) =	2.0437				
Design-based F(1.00, 312.00) =	2.2221	Pr =	0.137		
Total (n=324)	2.8	[1.4,5.5]	97.2	[94.5,98.6]	100.0

3.17.5 Healthy Michigan Plan Help- Community health worker

Universe: Respondents who received help or advice

	HMP help: community health worker				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=133)	1.2	[0.3,4.4]	98.8	[95.6,99.7]	100.0
36-99% (n=121)	0.4	[0.1,2.8]	99.6	[97.2,99.9]	100.0
≥ 100%(n = 70)	3.6	[0.7,17.4]	96.4	[82.6,99.3]	100.0
Pearson: Uncorrected chi2(2) =	2.6487				
Design-based F(1.67, 520.34) =	1.6012	Pr =	0.206		
Region					
UP/NW/NE (n=55)	3.5	[1.1,11.1]	96.5	[88.9,98.9]	100.0
W/E Central/E (n=104)	0.7	[0.1,5.2]	99.3	[94.8,99.9]	100.0
S Central/SW/SE (n=78)	2.2	[0.3,13.9]	97.8	[86.1,99.7]	100.0
Detroit Metro (n=87)	0.9	[0.1,6.6]	99.1	[93.4,99.9]	100.0
Pearson: Uncorrected chi2(3) =	1.7479				
Design-based F(2.62, 817.63) =	0.6214	Pr =	0.580		
Low healthcare utilizers					
Yes (n=24)	0.0		100.0		100.0
No (n=300)	1.5	[0.6,3.8]	98.5	[96.2,99.4]	100.0
Pearson: Uncorrected chi2(1) =	0.3557				
Design-based F(1.00, 312.00) =	0.3147	Pr =	0.575		
High ER utilizers					
Yes (n=6)	0.0		100.0		100.0
No (n=318)	1.4	[0.5,3.6]	98.6	[96.4,99.5]	100.0
Pearson: Uncorrected chi2(1) =	0.0964				
Design-based F(1.00, 312.00) =	0.0814	Pr =	0.776		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=92)	1.6	[0.3,8.2]	98.4	[91.8,99.7]	100.0
No chronic disease (n=232)	1.3	[0.4,4.1]	98.7	[95.9,99.6]	100.0
Pearson: Uncorrected chi2(1) =	0.0637				
Design-based F(1.00, 312.00) =	0.0631	Pr =	0.802		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=173)	1.3	[0.4,4.3]	98.7	[95.7,99.6]	100.0
No MH/SA (n=151)	1.5	[0.3,6.3]	98.5	[93.7,99.7]	100.0
Pearson: Uncorrected chi2(1) =	0.0158				
Design-based F(1.00, 312.00) =	0.0146	Pr =	0.904		
Total (n=324)	1.4	[0.5,3.6]	98.6	[96.4,99.5]	100.0

3.17.6 Healthy Michigan Plan Help- Someone at my doctor's office

Universe: Respondents who received help or advice

	HMP help: someone at doctor's office				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=133)	18.8	[12.1,27.9]	81.2	[72.1,87.9]	100.0
36-99% (n=121)	31.4	[23.0,41.3]	68.6	[58.7,77.0]	100.0
≥ 100%(n = 70)	17.4	[9.8,28.9]	82.6	[71.1,90.2]	100.0
Pearson: Uncorrected chi2(2) =	6.6934				
Design-based F(1.90, 593.48) =	2.9000	Pr =	0.059		
Region					
UP/NW/NE (n=55)	20.7	[11.8,33.7]	79.3	[66.3,88.2]	100.0
W/E Central/E (n=104)	28.5	[20.4,38.3]	71.5	[61.7,79.6]	100.0
S Central/SW/SE (n=78)	19.3	[11.6,30.4]	80.7	[69.6,88.4]	100.0
Detroit Metro (n=87)	19.4	[11.0,31.8]	80.6	[68.2,89.0]	100.0
Pearson: Uncorrected chi2(3) =	3.3218				
Design-based F(2.53, 789.55) =	0.9770	Pr =	0.392		
Low healthcare utilizers					
Yes (n=24)	10.7	[3.7,27.0]	89.3	[73.0,96.3]	100.0
No (n=300)	23.4	[18.2,29.4]	76.6	[70.6,81.8]	100.0
Pearson: Uncorrected chi2(1) =	2.0343				
Design-based F(1.00, 312.00) =	2.6395	Pr =	0.105		
High ER utilizers					
Yes (n=6)	0.0		100.0		100.0
No (n=318)	22.9	[17.9,28.8]	77.1	[71.2,82.1]	100.0
Pearson: Uncorrected chi2(1) =	2.0109				
Design-based F(1.00, 312.00) =	1.5265	Pr =	0.218		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=92)	26.4	[17.7,37.4]	73.6	[62.6,82.3]	100.0
No chronic disease (n=232)	21.1	[15.5,28.0]	78.9	[72.0,84.5]	100.0
Pearson: Uncorrected chi2(1) =	1.0101				
Design-based F(1.00, 312.00) =	0.8463	Pr =	0.358		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=173)	25.5	[18.4,34.2]	74.5	[65.8,81.6]	100.0
No MH/SA (n=151)	18.8	[13.1,26.3]	81.2	[73.7,86.9]	100.0
Pearson: Uncorrected chi2(1) =	2.0608				
Design-based F(1.00, 312.00) =	1.6279	Pr =	0.203		
Total (n=324)	22.4	[17.6,28.2]	77.6	[71.8,82.4]	100.0

3.17.7 Healthy Michigan Plan Help- Other

Universe: Respondents who received help or advice

	HMP help: other response-record				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=133)	32.6	[24.1,42.3]	67.4	[57.7,75.9]	100.0
36-99% (n=121)	28.4	[19.9,38.7]	71.6	[61.3,80.1]	100.0
≥ 100%(n = 70)	23.5	[13.5,37.7]	76.5	[62.3,86.5]	100.0
Pearson: Uncorrected chi2(2) =	1.7340				
Design-based F(1.98, 617.98) =	0.6904	Pr =	0.500		
Region					
UP/NW/NE (n=55)	29.8	[18.1,44.9]	70.2	[55.1,81.9]	100.0
W/E Central/E (n=104)	34.5	[24.9,45.5]	65.5	[54.5,75.1]	100.0
S Central/SW/SE (n=78)	35.5	[24.5,48.4]	64.5	[51.6,75.5]	100.0
Detroit Metro (n=87)	22.0	[13.2,34.4]	78.0	[65.6,86.8]	100.0
Pearson: Uncorrected chi2(3) =	5.7060				
Design-based F(2.66, 829.47) =	1.5350	Pr =	0.209		
Low healthcare utilizers					
Yes (n=24)	58.8	[36.3,78.1]	41.2	[21.9,63.7]	100.0
No (n=300)	27.5	[21.9,33.9]	72.5	[66.1,78.1]	100.0
Pearson: Uncorrected chi2(1) =	10.2929				
Design-based F(1.00, 312.00) =	8.2171	Pr =	0.004		
High ER utilizers					
Yes (n=6)	20.9	[4.5,59.9]	79.1	[40.1,95.5]	100.0
No (n=318)	30.0	[24.3,36.4]	70.0	[63.6,75.7]	100.0
Pearson: Uncorrected chi2(1) =	0.2634				
Design-based F(1.00, 312.00) =	0.2982	Pr =	0.585		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=92)	27.6	[17.5,40.7]	72.4	[59.3,82.5]	100.0
No chronic disease (n=232)	30.5	[24.1,37.9]	69.5	[62.1,75.9]	100.0
Pearson: Uncorrected chi2(1) =	0.2574				
Design-based F(1.00, 312.00) =	0.1761	Pr =	0.675		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=173)	31.1	[23.6,39.8]	68.9	[60.2,76.4]	100.0
No MH/SA (n=151)	28.2	[20.3,37.8]	71.8	[62.2,79.7]	100.0
Pearson: Uncorrected chi2(1) =	0.3174				
Design-based F(1.00, 312.00) =	0.2186	Pr =	0.640		
Total (n=324)	29.8	[24.2,36.1]	70.2	[63.9,75.8]	100.0

3.17.8 Healthy Michigan Plan Help- Don't know

Universe: Respondents who received help or advice

HMP help: don't know	No.
Yes	602.0
No	27653.7
Total	28255.8

3.17.9 Healthy Michigan Plan Help- Refused

Universe: Respondents who received help or advice

HMP help: refused	No.
No	28255.8
Total	28255.8

3.18 Q: Did you get an answer or solution to your question(s)?

Universe: Respondents who received help or advice

	Did you get answers/solutions?						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=133)	80.4	[70.7,87.5]	19.6	[12.5,29.3]	0.0		100.0
36-99% (n=121)	66.3	[56.1,75.3]	32.8	[24.0,43.0]	0.9	[0.1,5.9]	100.0
≥ 100% (n = 70)	68.5	[54.4,79.8]	26.1	[15.7,40.1]	5.4	[1.4,18.9]	100.0
Pearson: Uncorrected chi2(4) =	16.8186						
Design-based F(3.81, 1187.35) =	3.4713	Pr =	0.009				
Region							
UP/NW/NE (n=55)	73.5	[58.8,84.4]	26.5	[15.6,41.2]	0.0		100.0
W/E Central/E (n=104)	78.2	[68.3,85.7]	21.0	[13.6,30.8]	0.8	[0.1,5.6]	100.0
S Central/SW/SE (n=78)	67.6	[55.1,77.9]	28.6	[18.8,41.1]	3.8	[1.0,13.8]	100.0
Detroit Metro (n=87)	74.9	[62.1,84.5]	25.1	[15.5,37.9]	0.0		100.0
Pearson: Uncorrected chi2(6) =	8.2113						
Design-based F(4.81, 1499.38) =	1.3694	Pr =	0.235				
Low healthcare utilizers							
Yes (n=24)	66.5	[42.6,84.2]	33.5	[15.8,57.4]	0.0		100.0
No (n=300)	74.8	[68.3,80.3]	24.0	[18.6,30.4]	1.2	[0.4,3.8]	100.0
Pearson: Uncorrected chi2(2) =	1.2944						
Design-based F(2.00, 623.42) =	0.4981	Pr =	0.608				
High ER utilizers							
Yes (n=6)	71.8	[30.3,93.7]	28.2	[6.3,69.7]	0.0		100.0
No (n=318)	74.2	[68.0,79.6]	24.6	[19.3,30.9]	1.2	[0.4,3.6]	100.0
Pearson: Uncorrected chi2(2) =	0.1182						
Design-based F(1.97, 614.07) =	0.0491	Pr =	0.950				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=92)	80.3	[68.7,88.4]	19.7	[11.6,31.3]	0.0		100.0
No chronic disease (n=232)	72.0	[64.6,78.5]	26.4	[20.1,33.9]	1.5	[0.5,4.7]	100.0
Pearson: Uncorrected chi2(2) =	2.9817						
Design-based F(2.00, 623.26) =	1.1371	Pr =	0.321				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=173)	74.1	[65.3,81.3]	25.4	[18.3,34.2]	0.5	[0.1,3.4]	100.0
No MH/SA (n=151)	74.3	[65.1,81.7]	23.8	[16.7,32.8]	1.9	[0.5,7.2]	100.0
Pearson: Uncorrected chi2(2) =	1.5385						
Design-based F(1.92, 599.48) =	0.6335	Pr =	0.525				
Total (n=324)	74.2	[68.0,79.5]	24.7	[19.4,30.8]	1.1	[0.4,3.5]	100.0

3.19 Q: It is very important to me personally to have health insurance.

Universe: All respondents

	HMP: health insurance is personally important												Total Row%
	Strongly agree		Agree		Neutral		Disagree		Strongly disagree		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category													
0-35% (n=1,598)	43.7	[40.6,46.8]	53.4	[50.3,56.5]	1.6	[0.9,2.8]	1.2	[0.6,2.4]	0.1	[0.0,0.7]	0.0	[0.0,0.2]	100.0
36-99% (n=1,447)	47.6	[44.5,50.7]	50.8	[47.7,54.0]	0.6	[0.3,1.2]	0.9	[0.6,1.6]	0.0	[0.0,0.2]	0.0		100.0
≥ 100% (n = 1,039)	42.7	[39.2,46.3]	54.0	[50.5,57.6]	1.7	[1.0,3.1]	1.4	[0.7,2.8]	0.1	[0.0,0.6]	0.0		100.0
Pearson: Uncorrected chi2(10) =	13.1187												
Design-based F(8.02, 32669.46) =	1.1630		Pr =	0.317									
Region													
UP/NW/NE (n=745)	43.3	[39.2,47.4]	53.7	[49.6,57.8]	1.5	[0.6,3.6]	1.4	[0.7,2.7]	0.1	[0.0,0.6]	0.0		100.0
W/E Central/E (n=1,263)	44.8	[41.6,48.0]	51.1	[47.9,54.3]	2.3	[1.4,3.6]	1.8	[0.9,3.3]	0.0	[0.0,0.3]	0.1	[0.0,0.4]	100.0
S Central/SW/SE (n=836)	44.5	[40.5,48.5]	53.8	[49.7,57.8]	0.7	[0.3,1.5]	1.0	[0.5,2.2]	0.0		0.0		100.0
Detroit Metro (n=1,240)	44.8	[41.4,48.3]	53.3	[49.8,56.8]	0.9	[0.4,2.4]	0.8	[0.3,2.0]	0.2	[0.0,0.8]	0.0		100.0
Pearson: Uncorrected chi2(15) =	23.2259												
Design-based F(9.88, 40239.51) =	1.2774		Pr =	0.237									
Low healthcare utilizers													
Yes (n=490)	35.4	[30.1,41.0]	59.7	[53.9,65.2]	1.6	[0.8,3.1]	3.3	[1.7,6.3]	0.1	[0.0,0.7]	0.0		100.0
No (n=3,594)	46.2	[44.2,48.3]	51.6	[49.5,53.6]	1.3	[0.8,2.0]	0.8	[0.5,1.3]	0.1	[0.0,0.4]	0.0	[0.0,0.1]	100.0
Pearson: Uncorrected chi2(5) =	48.6568												
Design-based F(4.27, 17376.44) =	6.6441		Pr =	0.000									
High ER utilizers													
Yes (n=156)	41.2	[31.9,51.3]	55.0	[44.8,64.9]	3.7	[0.5,21.7]	0.0		0.0		0.0		100.0
No (n=3,928)	44.7	[42.8,46.7]	52.7	[50.7,54.7]	1.2	[0.9,1.7]	1.2	[0.8,1.9]	0.1	[0.0,0.3]	0.0	[0.0,0.1]	100.0
Pearson: Uncorrected chi2(5) =	11.2036												
Design-based F(3.16, 12885.42) =	0.9310		Pr =	0.429									
Chronic disease (HEDIS)													
Chronic disease (HEDIS) (n=1,158)	47.0	[43.4,50.6]	52.3	[48.7,55.9]	0.6	[0.2,1.6]	0.1	[0.0,0.9]	0.0		0.0		100.0
No chronic disease (n=2,926)	43.8	[41.5,46.1]	53.0	[50.6,55.3]	1.6	[1.0,2.4]	1.5	[1.0,2.3]	0.1	[0.0,0.4]	0.0	[0.0,0.2]	100.0
Pearson: Uncorrected chi2(5) =	21.4898												
Design-based F(4.71, 19167.95) =	3.1361		Pr =	0.009									
Mental health/substance use disorder (HEDIS)													
MH/SA (HEDIS) (n=2,030)	47.9	[45.1,50.7]	49.9	[47.2,52.7]	1.3	[0.6,2.6]	0.7	[0.3,1.7]	0.1	[0.0,0.7]	0.0	[0.0,0.3]	100.0
No MH/SA (n=2,054)	41.5	[38.8,44.3]	55.5	[52.7,58.2]	1.4	[0.9,2.1]	1.6	[1.0,2.5]	0.1	[0.0,0.2]	0.0		100.0
Pearson: Uncorrected chi2(5) =	22.8310												
Design-based F(4.23, 17222.58) =	2.7984		Pr =	0.022									
Total (n=4,084)	44.6	[42.6,46.5]	52.8	[50.8,54.8]	1.3	[0.9,2.0]	1.2	[0.8,1.8]	0.1	[0.0,0.3]	0.0	[0.0,0.1]	100.0

3.20 Q: I don't worry as much about something bad happening to my health since enrolling in the Healthy Michigan Plan.

Universe: All respondents

	HMP: less worry about bad health												Total Row%
	Strongly agree		Agree		Neutral		Disagree		Strongly disagree		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category													
0-35% (n=1,597)	17.4	[15.2,19.8]	50.9	[47.8,54.0]	8.1	[6.7,9.9]	19.5	[17.1,22.1]	2.4	[1.7,3.6]	1.7	[1.0,2.8]	100.0
36-99% (n=1,445)	18.5	[16.1,21.2]	51.5	[48.4,54.6]	9.2	[7.5,11.3]	17.7	[15.5,20.1]	2.0	[1.2,3.3]	1.0	[0.5,1.9]	100.0
≥ 100% (n = 1, 039)	13.8	[11.6,16.3]	55.7	[52.1,59.1]	9.8	[7.9,12.1]	18.4	[15.8,21.3]	1.6	[0.9,2.7]	0.8	[0.4,1.6]	100.0
Pearson: Uncorrected chi2(10) =	19.3967												
Design-based F(9.58, 38997.36) =	1.4339		Pr =	0.162									
Region													
UP/NW/NE (n=744)	18.6	[15.4,22.2]	49.9	[45.8,54.0]	10.6	[8.3,13.4]	18.6	[15.6,22.0]	1.1	[0.5,2.5]	1.3	[0.6,2.7]	100.0
W/E Central/E (n=1,261)	17.3	[15.0,19.9]	53.6	[50.4,56.8]	7.4	[6.0,9.2]	17.9	[15.7,20.4]	2.1	[1.4,3.2]	1.7	[0.8,3.5]	100.0
S Central/SW/SE (n=836)	15.0	[12.4,17.9]	54.1	[50.1,58.2]	9.6	[7.4,12.3]	18.7	[15.8,22.0]	1.9	[1.1,3.2]	0.7	[0.3,1.8]	100.0
Detroit Metro (n=1,240)	17.3	[14.8,20.2]	50.5	[47.0,54.0]	8.9	[7.2,11.0]	19.3	[16.7,22.3]	2.5	[1.6,3.9]	1.3	[0.8,2.3]	100.0
Pearson: Uncorrected chi2(15) =	16.9895												
Design-based F(13.07, 53175.88) =	0.8834		Pr =	0.571									
Low healthcare utilizers													
Yes (n=490)	12.6	[9.0,17.4]	52.0	[46.2,57.8]	11.9	[8.9,15.9]	20.4	[15.9,25.9]	1.2	[0.4,3.2]	1.8	[0.7,4.8]	100.0
No (n=3,591)	17.8	[16.3,19.4]	52.0	[49.9,54.1]	8.2	[7.2,9.4]	18.4	[16.9,20.1]	2.3	[1.8,3.1]	1.2	[0.8,1.8]	100.0
Pearson: Uncorrected chi2(5) =	22.3588												
Design-based F(4.89, 19916.33) =	2.0195		Pr =	0.074									
High ER utilizers													
Yes (n=156)	14.3	[8.9,22.2]	59.7	[49.8,68.9]	3.9	[1.7,8.7]	16.3	[10.6,24.2]	4.4	[1.8,10.4]	1.4	[0.2,9.5]	100.0
No (n=3,925)	17.1	[15.6,18.7]	51.7	[49.6,53.7]	9.0	[7.9,10.2]	18.9	[17.3,20.5]	2.1	[1.5,2.7]	1.3	[0.9,1.9]	100.0
Pearson: Uncorrected chi2(5) =	12.9800												
Design-based F(4.72, 19204.26) =	1.4637		Pr =	0.201									
Chronic disease (HEDIS)													
Chronic disease (HEDIS) (n=1,159)	16.8	[14.3,19.6]	52.5	[48.9,56.0]	6.9	[5.3,8.8]	20.4	[17.6,23.4]	2.0	[1.2,3.2]	1.5	[0.8,2.8]	100.0
No chronic disease (n=2,922)	17.1	[15.4,18.9]	51.8	[49.5,54.2]	9.4	[8.2,10.8]	18.2	[16.5,20.1]	2.2	[1.6,3.1]	1.3	[0.8,2.0]	100.0
Pearson: Uncorrected chi2(5) =	8.2598												
Design-based F(4.96, 20166.96) =	1.1163		Pr =	0.349									
Mental health/substance use disorder (HEDIS)													
MH/SA (HEDIS) (n=2,027)	19.0	[16.8,21.3]	50.5	[47.8,53.3]	7.5	[6.2,9.1]	19.5	[17.4,21.9]	2.1	[1.5,2.9]	1.4	[0.8,2.3]	100.0
No MH/SA (n=2,054)	15.2	[13.3,17.2]	53.4	[50.6,56.1]	9.9	[8.5,11.6]	18.0	[16.0,20.3]	2.2	[1.5,3.4]	1.3	[0.7,2.2]	100.0
Pearson: Uncorrected chi2(5) =	18.2681												
Design-based F(4.95, 20151.07) =	2.1210		Pr =	0.061									
Total (n=4,081)	17.0	[15.6,18.5]	52.0	[50.0,54.0]	8.8	[7.8,9.9]	18.8	[17.3,20.3]	2.2	[1.6,2.8]	1.3	[0.9,1.9]	100.0

3.21 Q: Having the Healthy Michigan Plan has taken a lot of stress off me.

Universe: All respondents

	HMP: less stress												Total Row%
	Strongly agree		Agree		Neutral		Disagree		Strongly disagree		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category													
0-35% (n=1,598)	26.5	[23.9,29.1]	62.6	[59.6,65.5]	5.9	[4.5,7.7]	4.1	[3.0,5.5]	0.4	[0.2,1.0]	0.5	[0.2,1.4]	100.0
36-99% (n=1,449)	26.5	[23.9,29.3]	61.4	[58.3,64.4]	6.4	[4.9,8.1]	4.9	[3.7,6.4]	0.3	[0.1,1.0]	0.6	[0.3,1.5]	100.0
≥ 100% (n = 1,040)	24.2	[21.2,27.4]	60.7	[57.1,64.1]	8.0	[6.2,10.4]	6.2	[4.7,8.2]	0.7	[0.3,1.5]	0.2	[0.1,0.8]	100.0
Pearson: Uncorrected chi2(10) =	14.6945												
Design-based F(9.30, 37910.16) =	1.0429		Pr =	0.403									
Region													
UP/NW/NE (n=746)	28.9	[25.3,32.8]	59.5	[55.4,63.5]	5.3	[3.6,7.7]	5.8	[4.1,8.2]	0.5	[0.1,2.3]	0.0		100.0
W/E Central/E (n=1,263)	29.3	[26.5,32.3]	58.5	[55.3,61.7]	6.4	[5.0,8.2]	4.9	[3.6,6.7]	0.3	[0.1,1.0]	0.6	[0.2,2.3]	100.0
S Central/SW/SE (n=837)	23.7	[20.6,27.1]	61.4	[57.4,65.2]	7.7	[5.6,10.5]	6.1	[4.4,8.3]	0.9	[0.4,2.1]	0.3	[0.1,0.8]	100.0
Detroit Metro (n=1,241)	24.3	[21.5,27.3]	64.8	[61.4,68.0]	6.2	[4.6,8.3]	3.8	[2.7,5.4]	0.3	[0.1,0.9]	0.6	[0.3,1.4]	100.0
Pearson: Uncorrected chi2(15) =	32.7134												
Design-based F(12.54, 51098.11) =	1.5051		Pr =	0.110									
Low healthcare utilizers													
Yes (n=490)	14.9	[11.2,19.5]	63.2	[57.5,68.6]	11.1	[7.9,15.4]	9.4	[6.7,13.0]	0.8	[0.3,2.2]	0.7	[0.2,2.0]	100.0
No (n=3,597)	28.0	[26.2,29.9]	61.6	[59.6,63.6]	5.6	[4.7,6.7]	3.9	[3.2,4.8]	0.4	[0.2,0.7]	0.5	[0.2,1.0]	100.0
Pearson: Uncorrected chi2(5) =	95.9208												
Design-based F(4.85, 19764.01) =	10.7638		Pr =	0.000									
High ER utilizers													
Yes (n=156)	25.2	[17.8,34.3]	65.9	[56.4,74.4]	2.4	[1.0,5.7]	4.1	[1.9,8.7]	0.3	[0.0,2.1]	2.1	[0.5,8.7]	100.0
No (n=3,931)	26.1	[24.4,27.8]	61.7	[59.7,63.6]	6.6	[5.7,7.8]	4.8	[4.0,5.7]	0.4	[0.2,0.8]	0.4	[0.2,0.9]	100.0
Pearson: Uncorrected chi2(5) =	15.7527												
Design-based F(4.22, 17183.45) =	2.3834		Pr =	0.046									
Chronic disease (HEDIS)													
Chronic disease (HEDIS) (n=1,160)	29.9	[26.7,33.2]	61.9	[58.3,65.3]	4.1	[2.7,6.2]	3.3	[2.3,4.7]	0.5	[0.2,1.3]	0.4	[0.1,1.7]	100.0
No chronic disease (n=2,927)	24.7	[22.8,26.7]	61.9	[59.6,64.1]	7.2	[6.1,8.6]	5.2	[4.3,6.3]	0.4	[0.2,0.8]	0.5	[0.3,1.1]	100.0
Pearson: Uncorrected chi2(5) =	25.8425												
Design-based F(4.76, 19406.16) =	3.1390		Pr =	0.009									
Mental health/substance use disorder (HEDIS)													
MH/SA (HEDIS) (n=2,032)	30.5	[28.1,33.1]	60.0	[57.3,62.7]	4.1	[3.1,5.3]	4.1	[3.2,5.3]	0.6	[0.3,1.2]	0.7	[0.3,1.6]	100.0
No MH/SA (n=2,055)	21.8	[19.7,24.0]	63.6	[60.9,66.2]	8.7	[7.2,10.5]	5.3	[4.2,6.7]	0.3	[0.1,0.6]	0.4	[0.2,0.8]	100.0
Pearson: Uncorrected chi2(5) =	73.4498												
Design-based F(4.93, 20071.18) =	9.2616		Pr =	0.000									
Total (n=4,087)	26.0	[24.4,27.7]	61.9	[60.0,63.7]	6.5	[5.5,7.6]	4.7	[4.0,5.6]	0.4	[0.2,0.7]	0.5	[0.3,0.9]	100.0

3.22 Q: Without the Healthy Michigan Plan, I wouldn't be able to go to the doctor.

Universe: All respondents

	HMP: no doctor without HMP												Total Row%
	Strongly agree		Agree		Neutral		Disagree		Strongly disagree		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category													
0-35% (n=1,596)	29.3	[26.7,32.1]	55.6	[52.5,58.6]	3.5	[2.5,5.0]	9.9	[8.2,11.9]	1.2	[0.7,2.1]	0.4	[0.2,1.1]	100.0
36-99% (n=1,449)	28.4	[25.7,31.3]	53.8	[50.6,56.9]	5.0	[3.8,6.5]	11.3	[9.4,13.5]	1.1	[0.6,2.1]	0.4	[0.1,1.0]	100.0
≥ 100% (n = 1,040)	24.9	[22.0,28.1]	55.9	[52.3,59.4]	4.3	[3.0,6.0]	14.4	[12.1,17.2]	0.3	[0.1,1.0]	0.2	[0.1,0.5]	100.0
Pearson: Uncorrected chi2(10) =	25.0114												
Design-based F(9.19, 37434.35) =	1.9260		Pr =	0.042									
Region													
UP/NW/NE (n=746)	26.4	[22.9,30.2]	53.9	[49.8,58.0]	5.0	[3.6,7.0]	13.7	[11.1,16.9]	0.5	[0.1,2.3]	0.5	[0.2,1.1]	100.0
W/E Central/E (n=1,263)	32.6	[29.7,35.6]	52.1	[48.9,55.3]	4.3	[3.1,6.0]	10.3	[8.5,12.4]	0.7	[0.3,1.3]	0.1	[0.0,0.4]	100.0
S Central/SW/SE (n=836)	27.5	[24.1,31.2]	54.9	[50.9,59.0]	5.0	[3.5,7.1]	11.1	[8.8,13.9]	0.9	[0.4,2.0]	0.6	[0.2,1.8]	100.0
Detroit Metro (n=1,240)	26.0	[23.1,29.1]	57.5	[54.0,60.9]	3.4	[2.3,5.0]	11.4	[9.3,13.7]	1.4	[0.8,2.5]	0.5	[0.2,1.2]	100.0
Pearson: Uncorrected chi2(15) =	31.3679												
Design-based F(13.05, 53172.85) =	1.7090		Pr =	0.052									
Low healthcare utilizers													
Yes (n=490)	18.0	[14.1,22.8]	58.4	[52.6,63.9]	5.9	[3.5,9.8]	15.7	[12.2,19.9]	1.5	[0.6,3.7]	0.6	[0.1,2.3]	100.0
No (n=3,595)	30.0	[28.2,31.9]	54.6	[52.5,56.6]	3.8	[3.1,4.6]	10.4	[9.2,11.8]	0.9	[0.6,1.4]	0.3	[0.2,0.7]	100.0
Pearson: Uncorrected chi2(5) =	49.5600												
Design-based F(4.92, 20021.15) =	4.9939		Pr =	0.000									
High ER utilizers													
Yes (n=156)	21.7	[15.0,30.3]	67.8	[58.4,76.0]	4.7	[2.0,10.8]	2.9	[1.2,6.7]	2.2	[0.5,8.9]	0.7	[0.1,4.6]	100.0
No (n=3,929)	28.5	[26.7,30.3]	54.5	[52.5,56.5]	4.1	[3.3,5.0]	11.6	[10.4,12.9]	0.9	[0.6,1.4]	0.4	[0.2,0.7]	100.0
Pearson: Uncorrected chi2(5) =	23.2101												
Design-based F(4.70, 19127.69) =	2.9838		Pr =	0.013									
Chronic disease (HEDIS)													
Chronic disease (HEDIS) (n=1,160)	31.7	[28.5,35.1]	54.8	[51.2,58.3]	2.2	[1.5,3.2]	9.9	[8.0,12.3]	0.6	[0.3,1.3]	0.8	[0.3,2.0]	100.0
No chronic disease (n=2,925)	27.0	[25.0,29.1]	55.2	[52.9,57.6]	4.7	[3.8,5.9]	11.6	[10.2,13.2]	1.1	[0.7,1.8]	0.2	[0.1,0.5]	100.0
Pearson: Uncorrected chi2(5) =	29.3184												
Design-based F(4.90, 19946.60) =	4.4774		Pr =	0.000									
Mental health/substance use disorder (HEDIS)													
MH/SA (HEDIS) (n=2,032)	33.1	[30.5,35.7]	54.0	[51.3,56.8]	3.3	[2.4,4.4]	8.4	[7.0,9.9]	0.9	[0.5,1.6]	0.4	[0.2,1.0]	100.0
No MH/SA (n=2,053)	23.6	[21.4,26.0]	56.2	[53.4,58.9]	4.9	[3.8,6.3]	13.9	[12.0,15.9]	1.1	[0.6,1.9]	0.4	[0.2,0.8]	100.0
Pearson: Uncorrected chi2(5) =	67.7478												
Design-based F(4.98, 20297.68) =	8.3402		Pr =	0.000									
Total (n=4,085)	28.2	[26.5,29.9]	55.1	[53.2,57.1]	4.1	[3.4,5.0]	11.2	[10.0,12.5]	1.0	[0.7,1.5]	0.4	[0.2,0.7]	100.0

3.23 Q: Having the Healthy Michigan Plan has helped me live a better life.

Universe: All respondents

	HMP: better life												Total Row%
	Strongly agree		Agree		Neutral		Disagree		Strongly disagree		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category													
0-35% (n=1,596)	26.9	[24.2,29.7]	62.9	[59.9,65.9]	6.8	[5.4,8.6]	2.4	[1.6,3.6]	0.3	[0.1,0.8]	0.7	[0.3,1.6]	100.0
36-99% (n=1,448)	24.9	[22.3,27.7]	65.5	[62.5,68.4]	6.4	[5.0,8.1]	2.2	[1.5,3.1]	0.4	[0.2,0.9]	0.7	[0.3,1.4]	100.0
≥ 100% (n = 1, 039)	20.4	[17.6,23.4]	65.6	[62.1,69.0]	7.9	[6.1,10.1]	5.5	[4.0,7.6]	0.2	[0.1,0.8]	0.4	[0.1,1.3]	100.0
Pearson: Uncorrected chi2(10) =	36.7508												
Design-based F(9.30, 37877.87) =	2.7681		Pr =	0.003									
Region													
UP/NW/NE (n=745)	25.5	[22.1,29.4]	61.9	[57.8,65.8]	7.6	[5.6,10.1]	3.9	[2.7,5.8]	0.7	[0.2,2.3]	0.4	[0.1,1.4]	100.0
W/E Central/E (n=1,261)	25.6	[23.0,28.5]	63.9	[60.7,66.9]	6.5	[5.1,8.3]	2.7	[1.8,4.0]	0.2	[0.1,0.6]	1.1	[0.4,2.7]	100.0
S Central/SW/SE (n=836)	22.7	[19.4,26.3]	64.7	[60.6,68.5]	9.1	[7.0,11.8]	3.0	[2.0,4.7]	0.3	[0.1,1.0]	0.3	[0.1,0.8]	100.0
Detroit Metro (n=1,241)	25.5	[22.6,28.7]	64.7	[61.3,68.0]	6.1	[4.5,8.1]	2.9	[1.9,4.3]	0.3	[0.1,0.8]	0.5	[0.2,1.3]	100.0
Pearson: Uncorrected chi2(15) =	20.1747												
Design-based F(12.76, 51950.41) =	1.0970		Pr =	0.356									
Low healthcare utilizers													
Yes (n=490)	15.4	[11.3,20.5]	62.5	[56.7,68.0]	12.9	[9.6,17.1]	7.2	[5.0,10.3]	0.2	[0.0,0.9]	1.8	[0.7,4.8]	100.0
No (n=3,593)	26.8	[25.0,28.6]	64.5	[62.5,66.5]	5.8	[4.9,6.9]	2.2	[1.7,2.9]	0.3	[0.2,0.6]	0.4	[0.2,0.8]	100.0
Pearson: Uncorrected chi2(5) =	128.9310												
Design-based F(4.49, 18261.55) =	14.3062		Pr =	0.000									
High ER utilizers													
Yes (n=156)	19.8	[13.5,28.1]	72.9	[64.0,80.2]	3.6	[1.6,8.0]	2.5	[0.8,7.9]	0.5	[0.1,3.2]	0.7	[0.2,3.0]	100.0
No (n=3,927)	25.3	[23.6,27.1]	63.8	[61.8,65.7]	7.1	[6.1,8.2]	3.0	[2.4,3.7]	0.3	[0.2,0.5]	0.6	[0.3,1.1]	100.0
Pearson: Uncorrected chi2(5) =	7.5692												
Design-based F(4.56, 18572.36) =	1.2454		Pr =	0.287									
Chronic disease (HEDIS)													
Chronic disease (HEDIS) (n=1,158)	29.3	[26.1,32.6]	64.4	[60.9,67.8]	3.8	[2.4,5.9]	1.7	[1.0,2.8]	0.3	[0.1,0.9]	0.5	[0.1,1.8]	100.0
No chronic disease (n=2,925)	23.6	[21.7,25.7]	64.1	[61.8,66.3]	8.0	[6.8,9.3]	3.4	[2.6,4.3]	0.3	[0.1,0.6]	0.6	[0.3,1.2]	100.0
Pearson: Uncorrected chi2(5) =	36.8042												
Design-based F(4.66, 18984.87) =	4.5475		Pr =	0.001									
Mental health/substance use disorder (HEDIS)													
MH/SA (HEDIS) (n=2,029)	29.1	[26.6,31.7]	63.6	[60.8,66.2]	4.7	[3.6,6.0]	1.7	[1.2,2.5]	0.4	[0.2,0.9]	0.6	[0.3,1.2]	100.0
No MH/SA (n=2,054)	21.3	[19.1,23.6]	64.8	[62.1,67.4]	9.0	[7.5,10.8]	4.1	[3.1,5.3]	0.2	[0.1,0.5]	0.7	[0.3,1.5]	100.0
Pearson: Uncorrected chi2(5) =	74.2203												
Design-based F(4.77, 19438.18) =	9.3485		Pr =	0.000									
Total (n=4,083)	25.0	[23.4,26.8]	64.2	[62.3,66.1]	6.9	[6.0,8.0]	3.0	[2.4,3.7]	0.3	[0.2,0.5]	0.6	[0.3,1.1]	100.0

3.24 Q: In the 12 months before enrolling in the Healthy Michigan Plan, was there any time when you didn't get the health care you needed?

Universe: All respondents

	Yes		Didn't get care needed pre-HMP No		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,597)	34.2	[31.4,37.2]	64.6	[61.6,67.5]	1.1	[0.6,2.2]	100.0
36-99% (n=1,447)	31.9	[29.1,34.8]	66.6	[63.6,69.4]	1.5	[0.9,2.6]	100.0
≥ 100% (n = 1,040)	31.3	[28.1,34.6]	68.1	[64.8,71.3]	0.6	[0.2,1.8]	100.0
Pearson: Uncorrected chi2(4) =	6.8602						
Design-based F(3.81, 15531.47) =	1.1250	Pr =	0.342				
Region							
UP/NW/NE (n=745)	33.8	[30.1,37.8]	65.9	[62.0,69.7]	0.3	[0.1,0.8]	100.0
W/E Central/E (n=1,263)	32.5	[29.7,35.6]	66.4	[63.4,69.3]	1.0	[0.6,1.8]	100.0
S Central/SW/SE (n=835)	38.5	[34.7,42.4]	60.7	[56.8,64.6]	0.8	[0.3,2.0]	100.0
Detroit Metro (n=1,241)	30.8	[27.7,34.1]	67.7	[64.3,70.8]	1.5	[0.8,2.8]	100.0
Pearson: Uncorrected chi2(6) =	19.4912						
Design-based F(5.03, 20481.65) =	2.7180	Pr =	0.018				
Low healthcare utilizers							
Yes (n=490)	22.6	[18.2,27.8]	76.7	[71.5,81.2]	0.7	[0.2,1.9]	100.0
No (n=3,594)	34.9	[32.9,36.8]	63.9	[61.9,65.9]	1.2	[0.8,1.9]	100.0
Pearson: Uncorrected chi2(2) =	38.1309						
Design-based F(1.89, 7689.77) =	11.4322	Pr =	0.000				
High ER utilizers							
Yes (n=156)	38.5	[29.7,48.2]	60.0	[50.3,69.0]	1.5	[0.2,9.7]	100.0
No (n=3,928)	32.7	[30.9,34.6]	66.1	[64.2,68.0]	1.1	[0.7,1.7]	100.0
Pearson: Uncorrected chi2(2) =	2.9429						
Design-based F(1.92, 7802.97) =	0.6786	Pr =	0.501				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,160)	38.0	[34.7,41.5]	60.5	[57.0,64.0]	1.4	[0.6,3.4]	100.0
No chronic disease (n=2,924)	31.3	[29.2,33.5]	67.7	[65.5,69.8]	1.0	[0.7,1.6]	100.0
Pearson: Uncorrected chi2(2) =	17.5123						
Design-based F(1.86, 7567.16) =	4.4583	Pr =	0.014				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,031)	38.2	[35.6,40.9]	60.7	[58.0,63.3]	1.1	[0.7,1.9]	100.0
No MH/SA (n=2,053)	28.1	[25.7,30.7]	70.7	[68.1,73.2]	1.1	[0.6,2.1]	100.0
Pearson: Uncorrected chi2(2) =	46.9567						
Design-based F(1.98, 8054.26) =	12.9393	Pr =	0.000				
Total (n=4,084)	33.0	[31.2,34.8]	65.9	[64.0,67.7]	1.1	[0.8,1.7]	100.0

3.25 Q: Why didn't you get the care you needed?

3.25.1 Did not get needed care- Worried about the cost

Universe: Respondents who didn't get needed health care

	Yes		No care: cost		Total Row%
	Row%	95%CI	Row%	95%CI	
FPL category					
0-35% (n=578)	75.6	[70.8,79.8]	24.4	[20.2,29.2]	100.0
36-99% (n=491)	78.6	[73.9,82.6]	21.4	[17.4,26.1]	100.0
≥ 100% (n = 340)	81.3	[75.9,85.8]	18.7	[14.2,24.1]	100.0
Pearson: Uncorrected chi2(2) =	4.0779				
Design-based F(1.95, 2719.91) =	1.5175	Pr =	0.220		
Region					
UP/NW/NE (n=262)	88.4	[83.6,91.9]	11.6	[8.1,16.4]	100.0
W/E Central/E (n=426)	74.7	[69.6,79.1]	25.3	[20.9,30.4]	100.0
S Central/SW/SE (n=340)	81.5	[76.4,85.8]	18.5	[14.2,23.6]	100.0
Detroit Metro (n=381)	74.8	[68.9,79.9]	25.2	[20.1,31.1]	100.0
Pearson: Uncorrected chi2(3) =	15.8741				
Design-based F(2.54, 3553.77) =	4.3409	Pr =	0.007		
Low healthcare utilizers					
Yes (n=118)	84.9	[75.9,90.9]	15.1	[9.1,24.1]	100.0
No (n=1,291)	76.6	[73.4,79.5]	23.4	[20.5,26.6]	100.0
Pearson: Uncorrected chi2(1) =	5.1484				
Design-based F(1.00, 1397.00) =	3.1625	Pr =	0.076		
High ER utilizers					
Yes (n=67)	66.9	[52.4,78.8]	33.1	[21.2,47.6]	100.0
No (n=1,342)	78.0	[75.0,80.8]	22.0	[19.2,25.0]	100.0
Pearson: Uncorrected chi2(1) =	4.8846				
Design-based F(1.00, 1397.00) =	3.1112	Pr =	0.078		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=467)	78.2	[73.2,82.4]	21.8	[17.6,26.8]	100.0
No chronic disease (n=942)	77.2	[73.5,80.5]	22.8	[19.5,26.5]	100.0
Pearson: Uncorrected chi2(1) =	0.1586				
Design-based F(1.00, 1397.00) =	0.1075	Pr =	0.743		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=815)	75.9	[71.9,79.6]	24.1	[20.4,28.1]	100.0
No MH/SA (n=594)	79.4	[74.9,83.3]	20.6	[16.7,25.1]	100.0
Pearson: Uncorrected chi2(1) =	2.3803				
Design-based F(1.00, 1397.00) =	1.3872	Pr =	0.239		
Total (n=1,409)	77.5	[74.5,80.2]	22.5	[19.8,25.5]	100.0

3.25.2 Did not get needed care- Did not have health insurance

Universe: Respondents who didn't get needed health care

	Yes		No care: no insurance		Total Row%
	Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=578)	70.1	[65.2,74.6]	29.9	[25.4,34.8]	100.0
36-99% (n=491)	66.3	[61.2,71.2]	33.7	[28.8,38.8]	100.0
≥ 100%(n = 340)	61.1	[55.0,66.8]	38.9	[33.2,45.0]	100.0
Pearson: Uncorrected chi2(2) =	7.4694				
Design-based F(1.93, 2690.77) =	2.8561	Pr =	0.060		
Region					
UP/NW/NE (n=262)	60.9	[54.0,67.4]	39.1	[32.6,46.0]	100.0
W/E Central/E (n=426)	69.8	[64.7,74.5]	30.2	[25.5,35.3]	100.0
S Central/SW/SE (n=340)	64.1	[58.1,69.6]	35.9	[30.4,41.9]	100.0
Detroit Metro (n=381)	68.9	[62.8,74.3]	31.1	[25.7,37.2]	100.0
Pearson: Uncorrected chi2(3) =	5.6753				
Design-based F(2.64, 3681.94) =	1.5153	Pr =	0.213		
Low healthcare utilizers					
Yes (n=118)	76.5	[65.3,84.9]	23.5	[15.1,34.7]	100.0
No (n=1,291)	66.3	[63.0,69.4]	33.7	[30.6,37.0]	100.0
Pearson: Uncorrected chi2(1) =	6.2735				
Design-based F(1.00, 1397.00) =	3.1079	Pr =	0.078		
High ER utilizers					
Yes (n=67)	66.5	[52.5,78.1]	33.5	[21.9,47.5]	100.0
No (n=1,342)	67.4	[64.2,70.5]	32.6	[29.5,35.8]	100.0
Pearson: Uncorrected chi2(1) =	0.0276				
Design-based F(1.00, 1397.00) =	0.0189	Pr =	0.891		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=467)	67.4	[61.8,72.6]	32.6	[27.4,38.2]	100.0
No chronic disease (n=942)	67.3	[63.5,70.9]	32.7	[29.1,36.5]	100.0
Pearson: Uncorrected chi2(1) =	0.0017				
Design-based F(1.00, 1397.00) =	0.0012	Pr =	0.973		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=815)	67.0	[62.9,70.9]	33.0	[29.1,37.1]	100.0
No MH/SA (n=594)	67.8	[62.8,72.4]	32.2	[27.6,37.2]	100.0
Pearson: Uncorrected chi2(1) =	0.0942				
Design-based F(1.00, 1397.00) =	0.0584	Pr =	0.809		
Total (n=1,409)	67.4	[64.2,70.4]	32.6	[29.6,35.8]	100.0

3.25.3 Did not get needed care- Doctor or hospital would not accept the insurance

Universe: Respondents who didn't get needed health care

	Yes		No care: insurance not accepted		Total Row%
	Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=578)	3.9	[2.6,5.8]	96.1	[94.2,97.4]	100.0
36-99% (n=491)	4.5	[2.6,7.6]	95.5	[92.4,97.4]	100.0
≥ 100%(n = 340)	3.7	[2.1,6.6]	96.3	[93.4,97.9]	100.0
Pearson: Uncorrected chi2(2) =	0.3240				
Design-based F(1.95, 2724.62) =	0.1400	Pr =	0.864		
Region					
UP/NW/NE (n=262)	3.0	[1.3,7.1]	97.0	[92.9,98.7]	100.0
W/E Central/E (n=426)	3.8	[2.3,6.4]	96.2	[93.6,97.7]	100.0
S Central/SW/SE (n=340)	6.1	[3.7,9.7]	93.9	[90.3,96.3]	100.0
Detroit Metro (n=381)	3.3	[1.9,5.7]	96.7	[94.3,98.1]	100.0
Pearson: Uncorrected chi2(3) =	4.3948				
Design-based F(2.86, 3991.84) =	1.3052	Pr =	0.271		
Low healthcare utilizers					
Yes (n=118)	3.1	[1.1,8.7]	96.9	[91.3,98.9]	100.0
No (n=1,291)	4.1	[3.1,5.6]	95.9	[94.4,96.9]	100.0
Pearson: Uncorrected chi2(1) =	0.3465				
Design-based F(1.00, 1397.00) =	0.2592	Pr =	0.611		
High ER utilizers					
Yes (n=67)	7.3	[2.7,18.2]	92.7	[81.8,97.3]	100.0
No (n=1,342)	3.9	[2.9,5.2]	96.1	[94.8,97.1]	100.0
Pearson: Uncorrected chi2(1) =	2.1407				
Design-based F(1.00, 1397.00) =	1.5694	Pr =	0.210		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=467)	5.7	[3.6,8.7]	94.3	[91.3,96.4]	100.0
No chronic disease (n=942)	3.4	[2.3,4.9]	96.6	[95.1,97.7]	100.0
Pearson: Uncorrected chi2(1) =	3.8592				
Design-based F(1.00, 1397.00) =	3.1296	Pr =	0.077		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=815)	4.0	[2.7,5.8]	96.0	[94.2,97.3]	100.0
No MH/SA (n=594)	4.1	[2.7,6.3]	95.9	[93.7,97.3]	100.0
Pearson: Uncorrected chi2(1) =	0.0132				
Design-based F(1.00, 1397.00) =	0.0104	Pr =	0.919		
Total (n=1,409)	4.0	[3.0,5.4]	96.0	[94.6,97.0]	100.0

3.25.4 Did not get needed care- Plan wouldn't pay for the treatment

Universe: Respondents who didn't get needed health care

	Yes		No care: plan wouldn't pay		Total Row%
	Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=578)	8.2	[5.9,11.3]	91.8	[88.7,94.1]	100.0
36-99% (n=491)	7.0	[4.7,10.4]	93.0	[89.6,95.3]	100.0
≥ 100%(n = 340)	8.1	[5.4,11.9]	91.9	[88.1,94.6]	100.0
Pearson: Uncorrected chi2(2) =	0.5157				
Design-based F(1.95, 2723.52) =	0.2096	Pr =	0.805		
Region					
UP/NW/NE (n=262)	6.5	[3.8,10.8]	93.5	[89.2,96.2]	100.0
W/E Central/E (n=426)	7.7	[5.3,11.1]	92.3	[88.9,94.7]	100.0
S Central/SW/SE (n=340)	9.4	[6.1,14.1]	90.6	[85.9,93.9]	100.0
Detroit Metro (n=381)	7.5	[5.0,11.1]	92.5	[88.9,95.0]	100.0
Pearson: Uncorrected chi2(3) =	1.3991				
Design-based F(2.70, 3777.44) =	0.3803	Pr =	0.746		
Low healthcare utilizers					
Yes (n=118)	7.0	[3.3,14.4]	93.0	[85.6,96.7]	100.0
No (n=1,291)	8.0	[6.3,10.0]	92.0	[90.0,93.7]	100.0
Pearson: Uncorrected chi2(1) =	0.1748				
Design-based F(1.00, 1397.00) =	0.1089	Pr =	0.741		
High ER utilizers					
Yes (n=67)	11.2	[4.3,26.1]	88.8	[73.9,95.7]	100.0
No (n=1,342)	7.7	[6.1,9.6]	92.3	[90.4,93.9]	100.0
Pearson: Uncorrected chi2(1) =	1.1781				
Design-based F(1.00, 1397.00) =	0.6048	Pr =	0.437		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=467)	8.0	[5.4,11.7]	92.0	[88.3,94.6]	100.0
No chronic disease (n=942)	7.8	[6.0,10.1]	92.2	[89.9,94.0]	100.0
Pearson: Uncorrected chi2(1) =	0.0096				
Design-based F(1.00, 1397.00) =	0.0067	Pr =	0.935		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=815)	8.9	[6.7,11.7]	91.1	[88.3,93.3]	100.0
No MH/SA (n=594)	6.6	[4.7,9.2]	93.4	[90.8,95.3]	100.0
Pearson: Uncorrected chi2(1) =	2.4743				
Design-based F(1.00, 1397.00) =	1.7365	Pr =	0.188		
Total (n=1,409)	7.9	[6.3,9.8]	92.1	[90.2,93.7]	100.0

3.25.5 Did not get needed care- Couldn't get an appointment soon enough

Universe: Respondents who didn't get needed health care

	Yes		No care: no appointment		Total Row%
	Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=578)	3.8	[2.4,5.9]	96.2	[94.1,97.6]	100.0
36-99% (n=491)	3.7	[2.2,6.2]	96.3	[93.8,97.8]	100.0
≥ 100%(n = 340)	2.4	[1.2,4.8]	97.6	[95.2,98.8]	100.0
Pearson: Uncorrected chi2(2) =	1.1431				
Design-based F(1.94, 2710.49) =	0.5405	Pr =	0.577		
Region					
UP/NW/NE (n=262)	3.1	[1.6,6.2]	96.9	[93.8,98.4]	100.0
W/E Central/E (n=426)	2.0	[1.1,3.8]	98.0	[96.2,98.9]	100.0
S Central/SW/SE (n=340)	4.1	[2.5,6.9]	95.9	[93.1,97.5]	100.0
Detroit Metro (n=381)	4.3	[2.5,7.2]	95.7	[92.8,97.5]	100.0
Pearson: Uncorrected chi2(3) =	3.8899				
Design-based F(2.68, 3740.88) =	1.3913	Pr =	0.246		
Low healthcare utilizers					
Yes (n=118)	3.2	[1.4,7.3]	96.8	[92.7,98.6]	100.0
No (n=1,291)	3.5	[2.5,5.0]	96.5	[95.0,97.5]	100.0
Pearson: Uncorrected chi2(1) =	0.0482				
Design-based F(1.00, 1397.00) =	0.0510	Pr =	0.821		
High ER utilizers					
Yes (n=67)	7.8	[2.9,19.4]	92.2	[80.6,97.1]	100.0
No (n=1,342)	3.3	[2.3,4.6]	96.7	[95.4,97.7]	100.0
Pearson: Uncorrected chi2(1) =	4.1297				
Design-based F(1.00, 1397.00) =	2.8248	Pr =	0.093		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=467)	4.0	[2.5,6.2]	96.0	[93.8,97.5]	100.0
No chronic disease (n=942)	3.3	[2.2,5.0]	96.7	[95.0,97.8]	100.0
Pearson: Uncorrected chi2(1) =	0.3660				
Design-based F(1.00, 1397.00) =	0.3337	Pr =	0.564		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=815)	3.8	[2.5,5.6]	96.2	[94.4,97.5]	100.0
No MH/SA (n=594)	3.2	[1.9,5.2]	96.8	[94.8,98.1]	100.0
Pearson: Uncorrected chi2(1) =	0.3221				
Design-based F(1.00, 1397.00) =	0.2435	Pr =	0.622		
Total (n=1,409)	3.5	[2.6,4.8]	96.5	[95.2,97.4]	100.0

3.25.6 Did not get needed care- Didn't have transportation

Universe: Respondents who didn't get needed health care

	Yes		No care: no transportation		Total Row%
	Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=578)	3.5	[2.1,5.6]	96.5	[94.4,97.9]	100.0
36-99% (n=491)	2.0	[1.1,3.7]	98.0	[96.3,98.9]	100.0
≥ 100%(n = 340)	1.7	[0.6,4.6]	98.3	[95.4,99.4]	100.0
Pearson: Uncorrected chi2(2) =	3.2857				
Design-based F(1.96, 2738.36) =	1.4762	Pr =	0.229		
Region					
UP/NW/NE (n=262)	2.1	[0.7,6.0]	97.9	[94.0,99.3]	100.0
W/E Central/E (n=426)	3.1	[1.5,6.1]	96.9	[93.9,98.5]	100.0
S Central/SW/SE (n=340)	3.2	[1.8,5.5]	96.8	[94.5,98.2]	100.0
Detroit Metro (n=381)	2.4	[1.2,4.9]	97.6	[95.1,98.8]	100.0
Pearson: Uncorrected chi2(3) =	0.8907				
Design-based F(2.73, 3819.55) =	0.2423	Pr =	0.849		
Low healthcare utilizers					
Yes (n=118)	5.1	[2.2,11.5]	94.9	[88.5,97.8]	100.0
No (n=1,291)	2.5	[1.6,3.7]	97.5	[96.3,98.4]	100.0
Pearson: Uncorrected chi2(1) =	3.4053				
Design-based F(1.00, 1397.00) =	2.3478	Pr =	0.126		
High ER utilizers					
Yes (n=67)	3.6	[1.1,11.8]	96.4	[88.2,98.9]	100.0
No (n=1,342)	2.7	[1.8,4.0]	97.3	[96.0,98.2]	100.0
Pearson: Uncorrected chi2(1) =	0.2368				
Design-based F(1.00, 1397.00) =	0.2182	Pr =	0.640		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=467)	3.5	[1.7,6.9]	96.5	[93.1,98.3]	100.0
No chronic disease (n=942)	2.4	[1.6,3.8]	97.6	[96.2,98.4]	100.0
Pearson: Uncorrected chi2(1) =	1.1838				
Design-based F(1.00, 1397.00) =	0.7372	Pr =	0.391		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=815)	3.2	[1.9,5.1]	96.8	[94.9,98.1]	100.0
No MH/SA (n=594)	2.2	[1.3,3.8]	97.8	[96.2,98.7]	100.0
Pearson: Uncorrected chi2(1) =	1.1971				
Design-based F(1.00, 1397.00) =	0.9139	Pr =	0.339		
Total (n=1,409)	2.7	[1.9,4.0]	97.3	[96.0,98.1]	100.0

3.25.7 Did not get needed care- No doctor

Universe: Respondents who didn't get needed health care

	Yes		No care: Other—didn't have a doctor		Total Row%
	Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=578)	1.1	[0.6,2.2]	98.9	[97.8,99.4]	100.0
36-99% (n=491)	1.8	[0.9,3.5]	98.2	[96.5,99.1]	100.0
≥ 100% (n = 340)	0.8	[0.3,2.3]	99.2	[97.7,99.7]	100.0
Pearson: Uncorrected chi2(2) =	1.3268				
Design-based F(1.93, 2691.65) =	0.8359	Pr =	0.430		
Region					
UP/NW/NE (n=262)	2.7	[1.3,5.8]	97.3	[94.2,98.7]	100.0
W/E Central/E (n=426)	0.9	[0.4,2.2]	99.1	[97.8,99.6]	100.0
S Central/SW/SE (n=340)	2.3	[1.0,4.9]	97.7	[95.1,99.0]	100.0
Detroit Metro (n=381)	0.5	[0.2,1.8]	99.5	[98.2,99.8]	100.0
Pearson: Uncorrected chi2(3) =	7.6342				
Design-based F(2.81, 3923.11) =	2.8955	Pr =	0.037		
Low healthcare utilizers					
Yes (n=118)	1.7	[0.3,8.1]	98.3	[91.9,99.7]	100.0
No (n=1,291)	1.2	[0.8,1.8]	98.8	[98.2,99.2]	100.0
Pearson: Uncorrected chi2(1) =	0.2833				
Design-based F(1.00, 1397.00) =	0.1813	Pr =	0.670		
High ER utilizers					
Yes (n=67)	1.1	[0.1,7.3]	98.9	[92.7,99.9]	100.0
No (n=1,342)	1.2	[0.8,2.0]	98.8	[98.0,99.2]	100.0
Pearson: Uncorrected chi2(1) =	0.0151				
Design-based F(1.00, 1397.00) =	0.0189	Pr =	0.891		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=467)	1.2	[0.5,2.9]	98.8	[97.1,99.5]	100.0
No chronic disease (n=942)	1.2	[0.7,2.1]	98.8	[97.9,99.3]	100.0
Pearson: Uncorrected chi2(1) =	0.0000				
Design-based F(1.00, 1397.00) =	0.0000	Pr =	0.995		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=815)	1.3	[0.8,2.4]	98.7	[97.6,99.2]	100.0
No MH/SA (n=594)	1.1	[0.5,2.2]	98.9	[97.8,99.5]	100.0
Pearson: Uncorrected chi2(1) =	0.1743				
Design-based F(1.00, 1397.00) =	0.1895	Pr =	0.663		
Total (n=1,409)	1.2	[0.8,1.9]	98.8	[98.1,99.2]	100.0

3.25.8 Did not get needed care- Care wasn't sufficient or of poor quality

Universe: Respondents who didn't get needed health care

	Yes		No care: Other-got care, not acceptable		Total Row%
	Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=578)	1.0	[0.4,2.4]	99.0	[97.6,99.6]	100.0
36-99% (n=491)	1.6	[0.8,3.2]	98.4	[96.8,99.2]	100.0
≥ 100%(n = 340)	0.6	[0.2,1.9]	99.4	[98.1,99.8]	100.0
Pearson: Uncorrected chi2(2) =	1.7041				
Design-based F(1.79, 2507.51) =	0.9491	Pr =	0.379		
Region					
UP/NW/NE (n=262)	1.5	[0.4,5.1]	98.5	[94.9,99.6]	100.0
W/E Central/E (n=426)	1.3	[0.5,3.4]	98.7	[96.6,99.5]	100.0
S Central/SW/SE (n=340)	1.0	[0.4,2.5]	99.0	[97.5,99.6]	100.0
Detroit Metro (n=381)	0.9	[0.3,2.5]	99.1	[97.5,99.7]	100.0
Pearson: Uncorrected chi2(3) =	0.5814				
Design-based F(2.81, 3920.82) =	0.1899	Pr =	0.892		
Low healthcare utilizers					
Yes (n=118)	0.5	[0.1,3.8]	99.5	[96.2,99.9]	100.0
No (n=1,291)	1.2	[0.7,2.0]	98.8	[98.0,99.3]	100.0
Pearson: Uncorrected chi2(1) =	0.4655				
Design-based F(1.00, 1397.00) =	0.5638	Pr =	0.453		
High ER utilizers					
Yes (n=67)	4.8	[1.3,16.4]	95.2	[83.6,98.7]	100.0
No (n=1,342)	0.9	[0.5,1.6]	99.1	[98.4,99.5]	100.0
Pearson: Uncorrected chi2(1) =	9.5429				
Design-based F(1.00, 1397.00) =	6.4347	Pr =	0.011		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=467)	1.7	[0.8,3.7]	98.3	[96.3,99.2]	100.0
No chronic disease (n=942)	0.8	[0.4,1.8]	99.2	[98.2,99.6]	100.0
Pearson: Uncorrected chi2(1) =	1.9894				
Design-based F(1.00, 1397.00) =	1.7251	Pr =	0.189		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=815)	1.3	[0.6,2.7]	98.7	[97.3,99.4]	100.0
No MH/SA (n=594)	0.8	[0.4,1.7]	99.2	[98.3,99.6]	100.0
Pearson: Uncorrected chi2(1) =	0.7427				
Design-based F(1.00, 1397.00) =	0.8056	Pr =	0.370		
Total (n=1,409)	1.1	[0.6,1.9]	98.9	[98.1,99.4]	100.0

3.25.9 Did not get needed care- Don't know

Universe: Respondents who didn't get needed health care

No care: Don't know	No.
Yes	692.0
No	125121.9
Total	125813.8

3.25.10 Did not get needed care- Refused

Universe: Respondents who didn't get needed health care

No care: Refused	No.
No	125813.8
Total	125813.8

3.26 Q: In the last 12 months, was there any time when you didn't get the medical or dental care you needed?

Universe: All respondents

	Yes		Unmet medical/dental need				Total Row%
	Row%	95%CI	No Row%	95%CI	Don't know Row%	95%CI	
FPL category							
0-35% (n=1,597)	16.0	[13.9,18.4]	83.6	[81.2,85.7]	0.4	[0.2,0.8]	100.0
36-99% (n=1,447)	15.4	[13.2,17.8]	84.2	[81.7,86.3]	0.4	[0.2,0.9]	100.0
≥ 100% (n = 1,040)	15.0	[12.7,17.6]	84.6	[81.9,86.9]	0.4	[0.2,1.0]	100.0
Pearson: Uncorrected chi2(4) =	0.7124						
Design-based F(3.65, 14881.82) =	0.1634	Pr =	0.947				
Region							
UP/NW/NE (n=746)	12.5	[10.1,15.4]	87.1	[84.2,89.6]	0.4	[0.1,1.4]	100.0
W/E Central/E (n=1,262)	14.3	[12.2,16.7]	85.3	[82.8,87.4]	0.4	[0.2,0.9]	100.0
S Central/SW/SE (n=836)	18.9	[16.0,22.2]	80.9	[77.6,83.9]	0.1	[0.0,0.5]	100.0
Detroit Metro (n=1,240)	15.8	[13.4,18.5]	83.7	[81.0,86.1]	0.5	[0.2,1.0]	100.0
Pearson: Uncorrected chi2(6) =	12.3157						
Design-based F(4.96, 20192.84) =	2.1280	Pr =	0.060				
Low healthcare utilizers							
Yes (n=489)	14.6	[11.1,18.9]	84.7	[80.3,88.2]	0.7	[0.2,2.4]	100.0
No (n=3,595)	15.8	[14.4,17.4]	83.8	[82.2,85.3]	0.3	[0.2,0.5]	100.0
Pearson: Uncorrected chi2(2) =	2.7257						
Design-based F(1.96, 7965.39) =	0.8206	Pr =	0.438				
High ER utilizers							
Yes (n=155)	16.6	[11.0,24.4]	82.9	[75.1,88.6]	0.5	[0.1,3.2]	100.0
No (n=3,929)	15.6	[14.2,17.1]	84.0	[82.5,85.4]	0.4	[0.2,0.7]	100.0
Pearson: Uncorrected chi2(2) =	0.1541						
Design-based F(1.84, 7512.57) =	0.0657	Pr =	0.924				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,160)	16.4	[13.9,19.4]	83.3	[80.4,85.9]	0.2	[0.1,0.6]	100.0
No chronic disease (n=2,924)	15.4	[13.8,17.1]	84.2	[82.4,85.8]	0.5	[0.3,0.8]	100.0
Pearson: Uncorrected chi2(2) =	1.5694						
Design-based F(1.77, 7189.59) =	0.6984	Pr =	0.480				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,030)	17.9	[15.9,20.0]	81.8	[79.6,83.7]	0.3	[0.2,0.6]	100.0
No MH/SA (n=2,054)	13.6	[11.7,15.7]	86.0	[83.9,87.9]	0.4	[0.2,0.9]	100.0
Pearson: Uncorrected chi2(2) =	14.5027						
Design-based F(1.83, 7465.23) =	5.6324	Pr =	0.005				
Total (n=4,084)	15.6	[14.3,17.1]	84.0	[82.5,85.3]	0.4	[0.2,0.6]	100.0

3.27 Q: Why didn't you get the care you needed?

3.27.1 Unmet need- Worried about cost

Universe: Respondents who did not receive needed medical or dental care

	Yes		Didn't get care: cost		Total Row%
	Row%	95%CI	Row%	95%CI	
FPL category					
0-35% (n=252)	26.6	[20.4,33.9]	73.4	[66.1,79.6]	100.0
36-99% (n=215)	26.0	[19.5,33.7]	74.0	[66.3,80.5]	100.0
≥ 100% (n = 162)	21.0	[15.0,28.6]	79.0	[71.4,85.0]	100.0
Pearson: Uncorrected chi2(2) =	1.5212				
Design-based F(1.90, 1170.81) =	0.6104	Pr =	0.535		
Region					
UP/NW/NE (n=98)	22.7	[15.0,32.8]	77.3	[67.2,85.0]	100.0
W/E Central/E (n=175)	25.4	[18.8,33.4]	74.6	[66.6,81.2]	100.0
S Central/SW/SE (n=161)	29.8	[22.3,38.5]	70.2	[61.5,77.7]	100.0
Detroit Metro (n=195)	23.5	[16.8,31.9]	76.5	[68.1,83.2]	100.0
Pearson: Uncorrected chi2(3) =	2.1364				
Design-based F(2.55, 1575.32) =	0.5948	Pr =	0.592		
Low healthcare utilizers					
Yes (n=75)	35.9	[23.5,50.7]	64.1	[49.3,76.5]	100.0
No (n=554)	23.6	[19.5,28.3]	76.4	[71.7,80.5]	100.0
Pearson: Uncorrected chi2(1) =	6.1199				
Design-based F(1.00, 617.00) =	3.2762	Pr =	0.071		
High ER utilizers					
Yes (n=30)	23.3	[10.2,44.9]	76.7	[55.1,89.8]	100.0
No (n=599)	25.5	[21.3,30.2]	74.5	[69.8,78.7]	100.0
Pearson: Uncorrected chi2(1) =	0.0680				
Design-based F(1.00, 617.00) =	0.0508	Pr =	0.822		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=174)	17.2	[11.9,24.2]	82.8	[75.8,88.1]	100.0
No chronic disease (n=455)	28.3	[23.3,33.9]	71.7	[66.1,76.7]	100.0
Pearson: Uncorrected chi2(1) =	7.9377				
Design-based F(1.00, 617.00) =	6.3487	Pr =	0.012		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=361)	26.3	[21.3,32.1]	73.7	[67.9,78.7]	100.0
No MH/SA (n=268)	24.2	[17.9,31.8]	75.8	[68.2,82.1]	100.0
Pearson: Uncorrected chi2(1) =	0.3673				
Design-based F(1.00, 617.00) =	0.2174	Pr =	0.641		
Total (n=629)	25.4	[21.3,29.9]	74.6	[70.1,78.7]	100.0

3.27.2 Unmet need- Did not have health insurance

Universe: Respondents who did not receive needed medical or dental care

	Didn't get care: no insurance				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=252)	10.6	[6.1,17.6]	89.4	[82.4,93.9]	100.0
36-99% (n=215)	6.1	[3.3,10.8]	93.9	[89.2,96.7]	100.0
≥ 100%(n = 162)	6.4	[3.5,11.4]	93.6	[88.6,96.5]	100.0
Pearson: Uncorrected chi2(2) =	3.8962				
Design-based F(1.82, 1123.09) =	1.5789	Pr =	0.209		
Region					
UP/NW/NE (n=98)	3.0	[1.0,9.0]	97.0	[91.0,99.0]	100.0
W/E Central/E (n=175)	7.6	[4.1,13.6]	92.4	[86.4,95.9]	100.0
S Central/SW/SE (n=161)	5.7	[2.6,12.2]	94.3	[87.8,97.4]	100.0
Detroit Metro (n=195)	11.4	[6.4,19.5]	88.6	[80.5,93.6]	100.0
Pearson: Uncorrected chi2(3) =	6.3512				
Design-based F(2.44, 1508.32) =	1.6846	Pr =	0.178		
Low healthcare utilizers					
Yes (n=75)	18.4	[9.1,33.7]	81.6	[66.3,90.9]	100.0
No (n=554)	6.9	[4.3,10.8]	93.1	[89.2,95.7]	100.0
Pearson: Uncorrected chi2(1) =	12.9294				
Design-based F(1.00, 617.00) =	5.6962	Pr =	0.017		
High ER utilizers					
Yes (n=30)	20.8	[6.8,48.7]	79.2	[51.3,93.2]	100.0
No (n=599)	7.9	[5.2,11.8]	92.1	[88.2,94.8]	100.0
Pearson: Uncorrected chi2(1) =	6.0149				
Design-based F(1.00, 617.00) =	2.8792	Pr =	0.090		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=174)	8.5	[4.2,16.3]	91.5	[83.7,95.8]	100.0
No chronic disease (n=455)	8.5	[5.4,13.3]	91.5	[86.7,94.6]	100.0
Pearson: Uncorrected chi2(1) =	0.0001				
Design-based F(1.00, 617.00) =	0.0001	Pr =	0.994		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=361)	7.6	[4.5,12.6]	92.4	[87.4,95.5]	100.0
No MH/SA (n=268)	9.7	[5.5,16.5]	90.3	[83.5,94.5]	100.0
Pearson: Uncorrected chi2(1) =	0.8426				
Design-based F(1.00, 617.00) =	0.3815	Pr =	0.537		
Total (n=629)	8.5	[5.8,12.4]	91.5	[87.6,94.2]	100.0

3.27.3 Unmet need- Doctor or hospital would not accept

Universe: Respondents who did not receive needed medical or dental care

	Yes		Didn't get care: insurance not accepted		Total Row%
	Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=252)	27.6	[21.1,35.3]	72.4	[64.7,78.9]	100.0
36-99% (n=215)	17.1	[12.4,23.0]	82.9	[77.0,87.6]	100.0
≥ 100%(n = 162)	23.3	[16.4,32.1]	76.7	[67.9,83.6]	100.0
Pearson: Uncorrected chi2(2) =	7.0500				
Design-based F(1.92, 1182.77) =	2.8543	Pr =	0.060		
Region					
UP/NW/NE (n=98)	25.3	[16.6,36.6]	74.7	[63.4,83.4]	100.0
W/E Central/E (n=175)	24.8	[18.0,33.2]	75.2	[66.8,82.0]	100.0
S Central/SW/SE (n=161)	21.3	[14.8,29.7]	78.7	[70.3,85.2]	100.0
Detroit Metro (n=195)	24.4	[17.5,33.0]	75.6	[67.0,82.5]	100.0
Pearson: Uncorrected chi2(3) =	0.6930				
Design-based F(2.63, 1625.75) =	0.1811	Pr =	0.888		
Low healthcare utilizers					
Yes (n=75)	24.7	[14.5,38.8]	75.3	[61.2,85.5]	100.0
No (n=554)	23.7	[19.4,28.7]	76.3	[71.3,80.6]	100.0
Pearson: Uncorrected chi2(1) =	0.0374				
Design-based F(1.00, 617.00) =	0.0202	Pr =	0.887		
High ER utilizers					
Yes (n=30)	53.0	[32.6,72.5]	47.0	[27.5,67.4]	100.0
No (n=599)	22.4	[18.3,27.2]	77.6	[72.8,81.7]	100.0
Pearson: Uncorrected chi2(1) =	14.4013				
Design-based F(1.00, 617.00) =	10.4138	Pr =	0.001		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=174)	28.0	[19.9,37.8]	72.0	[62.2,80.1]	100.0
No chronic disease (n=455)	22.4	[17.8,27.7]	77.6	[72.3,82.2]	100.0
Pearson: Uncorrected chi2(1) =	2.1312				
Design-based F(1.00, 617.00) =	1.2316	Pr =	0.268		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=361)	24.8	[19.5,31.0]	75.2	[69.0,80.5]	100.0
No MH/SA (n=268)	22.7	[16.7,30.1]	77.3	[69.9,83.3]	100.0
Pearson: Uncorrected chi2(1) =	0.3852				
Design-based F(1.00, 617.00) =	0.2169	Pr =	0.642		
Total (n=629)	23.9	[19.8,28.5]	76.1	[71.5,80.2]	100.0

3.27.4 Unmet need- Plan wouldn't pay

Universe: Respondents who did not receive needed medical or dental care

	Didn't get care: health plan wouldn't pay				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=252)	36.3	[29.4,43.9]	63.7	[56.1,70.6]	100.0
36-99% (n=215)	48.1	[40.0,56.2]	51.9	[43.8,60.0]	100.0
≥ 100%(n = 162)	36.5	[28.6,45.3]	63.5	[54.7,71.4]	100.0
Pearson: Uncorrected chi2(2) =	7.2596				
Design-based F(1.92, 1185.61) =	2.8058	Pr =	0.063		
Region					
UP/NW/NE (n=98)	33.7	[24.1,44.8]	66.3	[55.2,75.9]	100.0
W/E Central/E (n=175)	34.6	[27.0,43.1]	65.4	[56.9,73.0]	100.0
S Central/SW/SE (n=161)	35.0	[27.0,43.9]	65.0	[56.1,73.0]	100.0
Detroit Metro (n=195)	46.0	[37.5,54.7]	54.0	[45.3,62.5]	100.0
Pearson: Uncorrected chi2(3) =	8.4028				
Design-based F(2.64, 1628.11) =	2.3675	Pr =	0.077		
Low healthcare utilizers					
Yes (n=75)	36.4	[23.6,51.4]	63.6	[48.6,76.4]	100.0
No (n=554)	40.2	[35.2,45.4]	59.8	[54.6,64.8]	100.0
Pearson: Uncorrected chi2(1) =	0.4540				
Design-based F(1.00, 617.00) =	0.2320	Pr =	0.630		
High ER utilizers					
Yes (n=30)	24.0	[11.4,43.7]	76.0	[56.3,88.6]	100.0
No (n=599)	40.4	[35.5,45.5]	59.6	[54.5,64.5]	100.0
Pearson: Uncorrected chi2(1) =	3.1537				
Design-based F(1.00, 617.00) =	2.7591	Pr =	0.097		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=174)	40.9	[32.2,50.2]	59.1	[49.8,67.8]	100.0
No chronic disease (n=455)	39.2	[33.7,45.0]	60.8	[55.0,66.3]	100.0
Pearson: Uncorrected chi2(1) =	0.1465				
Design-based F(1.00, 617.00) =	0.0964	Pr =	0.756		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=361)	41.7	[35.6,48.0]	58.3	[52.0,64.4]	100.0
No MH/SA (n=268)	37.1	[29.9,45.0]	62.9	[55.0,70.1]	100.0
Pearson: Uncorrected chi2(1) =	1.3446				
Design-based F(1.00, 617.00) =	0.8173	Pr =	0.366		
Total (n=629)	39.6	[34.9,44.5]	60.4	[55.5,65.1]	100.0

3.27.5 Unmet need- Couldn't get an appointment soon enough

Universe: Respondents who did not receive needed medical or dental care

	Yes		Didn't get care: no close appt No		Total Row%
	Row%	95%CI	Row%	95%CI	
FPL category					
0-35% (n=252)	12.1	[7.9,18.0]	87.9	[82.0,92.1]	100.0
36-99% (n=215)	9.2	[5.9,14.1]	90.8	[85.9,94.1]	100.0
≥ 100%(n = 163)	13.1	[8.0,20.6]	86.9	[79.4,92.0]	100.0
Pearson: Uncorrected chi2(2) =	1.3375				
Design-based F(1.92, 1188.75) =	0.5582	Pr =	0.566		
Region					
UP/NW/NE (n=99)	13.2	[7.4,22.4]	86.8	[77.6,92.6]	100.0
W/E Central/E (n=175)	12.6	[7.9,19.3]	87.4	[80.7,92.1]	100.0
S Central/SW/SE (n=161)	16.2	[10.2,24.9]	83.8	[75.1,89.8]	100.0
Detroit Metro (n=195)	8.1	[4.4,14.3]	91.9	[85.7,95.6]	100.0
Pearson: Uncorrected chi2(3) =	6.6253				
Design-based F(2.58, 1593.65) =	1.7167	Pr =	0.169		
Low healthcare utilizers					
Yes (n=75)	10.9	[4.4,24.4]	89.1	[75.6,95.6]	100.0
No (n=555)	11.6	[8.7,15.2]	88.4	[84.8,91.3]	100.0
Pearson: Uncorrected chi2(1) =	0.0329				
Design-based F(1.00, 618.00) =	0.0162	Pr =	0.899		
High ER utilizers					
Yes (n=30)	9.2	[3.2,23.6]	90.8	[76.4,96.8]	100.0
No (n=600)	11.6	[8.7,15.2]	88.4	[84.8,91.3]	100.0
Pearson: Uncorrected chi2(1) =	0.1610				
Design-based F(1.00, 618.00) =	0.1955	Pr =	0.659		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=174)	8.6	[4.8,14.7]	91.4	[85.3,95.2]	100.0
No chronic disease (n=456)	12.5	[9.1,16.9]	87.5	[83.1,90.9]	100.0
Pearson: Uncorrected chi2(1) =	1.8748				
Design-based F(1.00, 618.00) =	1.4131	Pr =	0.235		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=361)	10.2	[7.1,14.4]	89.8	[85.6,92.9]	100.0
No MH/SA (n=269)	13.1	[8.6,19.3]	86.9	[80.7,91.4]	100.0
Pearson: Uncorrected chi2(1) =	1.2869				
Design-based F(1.00, 618.00) =	0.8276	Pr =	0.363		
Total (n=630)	11.5	[8.7,14.9]	88.5	[85.1,91.3]	100.0

3.27.6 Unmet need- Didn't have transportation

Universe: Respondents who did not receive needed medical or dental care

	Yes		Didn't get care: no transportation		Total Row%
	Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=252)	8.7	[5.1,14.6]	91.3	[85.4,94.9]	100.0
36-99% (n=215)	2.4	[0.9,6.5]	97.6	[93.5,99.1]	100.0
≥ 100%(n = 162)	4.1	[1.6,10.1]	95.9	[89.9,98.4]	100.0
Pearson: Uncorrected chi2(2) =	8.9524				
Design-based F(1.97, 1217.21) =	3.4908	Pr =	0.031		
Region					
UP/NW/NE (n=98)	2.7	[0.8,8.2]	97.3	[91.8,99.2]	100.0
W/E Central/E (n=175)	5.5	[2.7,11.1]	94.5	[88.9,97.3]	100.0
S Central/SW/SE (n=161)	10.8	[6.1,18.3]	89.2	[81.7,93.9]	100.0
Detroit Metro (n=195)	4.6	[1.6,12.2]	95.4	[87.8,98.4]	100.0
Pearson: Uncorrected chi2(3) =	7.5932				
Design-based F(2.15, 1325.49) =	1.6666	Pr =	0.187		
Low healthcare utilizers					
Yes (n=75)	14.6	[5.9,32.0]	85.4	[68.0,94.1]	100.0
No (n=554)	4.7	[2.9,7.4]	95.3	[92.6,97.1]	100.0
Pearson: Uncorrected chi2(1) =	13.1820				
Design-based F(1.00, 617.00) =	5.3240	Pr =	0.021		
High ER utilizers					
Yes (n=30)	0.0		100.0		100.0
No (n=599)	6.4	[4.1,9.8]	93.6	[90.2,95.9]	100.0
Pearson: Uncorrected chi2(1) =	1.9972				
Design-based F(1.00, 617.00) =	1.2455	Pr =	0.265		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=174)	5.5	[2.3,13.0]	94.5	[87.0,97.7]	100.0
No chronic disease (n=455)	6.3	[3.8,10.3]	93.7	[89.7,96.2]	100.0
Pearson: Uncorrected chi2(1) =	0.1114				
Design-based F(1.00, 617.00) =	0.0556	Pr =	0.814		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=361)	6.1	[3.6,10.0]	93.9	[90.0,96.4]	100.0
No MH/SA (n=268)	6.1	[2.8,12.6]	93.9	[87.4,97.2]	100.0
Pearson: Uncorrected chi2(1) =	0.0000				
Design-based F(1.00, 617.00) =	0.0000	Pr =	0.997		
Total (n=629)	6.1	[3.9,9.4]	93.9	[90.6,96.1]	100.0

3.27.7 Unmet need- Other

Universe: Respondents who did not receive needed medical or dental care

	Yes		Didn't get care: other response-record		Total Row%
	Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=252)	30.9	[24.5,38.2]	69.1	[61.8,75.5]	100.0
36-99% (n=215)	24.9	[18.8,32.2]	75.1	[67.8,81.2]	100.0
≥ 100%(n = 163)	33.9	[26.1,42.6]	66.1	[57.4,73.9]	100.0
Pearson: Uncorrected chi2(2) =	3.1650				
Design-based F(1.94, 1199.87) =	1.2844	Pr =	0.277		
Region					
UP/NW/NE (n=99)	36.5	[26.3,48.0]	63.5	[52.0,73.7]	100.0
W/E Central/E (n=175)	29.4	[22.6,37.2]	70.6	[62.8,77.4]	100.0
S Central/SW/SE (n=161)	36.1	[27.7,45.5]	63.9	[54.5,72.3]	100.0
Detroit Metro (n=195)	25.7	[19.0,33.8]	74.3	[66.2,81.0]	100.0
Pearson: Uncorrected chi2(3) =	5.8590				
Design-based F(2.67, 1649.51) =	1.6299	Pr =	0.186		
Low healthcare utilizers					
Yes (n=75)	31.6	[20.5,45.3]	68.4	[54.7,79.5]	100.0
No (n=555)	29.5	[25.0,34.4]	70.5	[65.6,75.0]	100.0
Pearson: Uncorrected chi2(1) =	0.1576				
Design-based F(1.00, 618.00) =	0.0944	Pr =	0.759		
High ER utilizers					
Yes (n=30)	21.2	[9.3,41.2]	78.8	[58.8,90.7]	100.0
No (n=600)	30.2	[25.9,34.9]	69.8	[65.1,74.1]	100.0
Pearson: Uncorrected chi2(1) =	1.0947				
Design-based F(1.00, 618.00) =	0.9241	Pr =	0.337		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=174)	23.7	[17.2,31.6]	76.3	[68.4,82.8]	100.0
No chronic disease (n=456)	32.0	[26.9,37.6]	68.0	[62.4,73.1]	100.0
Pearson: Uncorrected chi2(1) =	4.0486				
Design-based F(1.00, 618.00) =	3.0605	Pr =	0.081		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=361)	29.0	[23.9,34.8]	71.0	[65.2,76.1]	100.0
No MH/SA (n=269)	30.7	[24.0,38.3]	69.3	[61.7,76.0]	100.0
Pearson: Uncorrected chi2(1) =	0.2081				
Design-based F(1.00, 618.00) =	0.1324	Pr =	0.716		
Total (n=630)	29.8	[25.6,34.4]	70.2	[65.6,74.4]	100.0

3.27.8 Unmet need- No doctor

Universe: Respondents who did not receive needed medical or dental care

	Didn't get care: other—did not have doctor/could not find doctor				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
FPL category					
0-35% (n=252)	4.5	[2.3,8.9]	95.5	[91.1,97.7]	100.0
36-99% (n=215)	5.3	[2.8,9.6]	94.7	[90.4,97.2]	100.0
≥ 100%(n = 162)	2.0	[0.6,5.9]	98.0	[94.1,99.4]	100.0
Pearson: Uncorrected chi2(2) =	2.0404				
Design-based F(1.88, 1157.61) =	0.9310	Pr =	0.389		
Region					
UP/NW/NE (n=98)	7.3	[3.3,15.4]	92.7	[84.6,96.7]	100.0
W/E Central/E (n=175)	1.1	[0.3,4.5]	98.9	[95.5,99.7]	100.0
S Central/SW/SE (n=161)	9.2	[4.4,18.2]	90.8	[81.8,95.6]	100.0
Detroit Metro (n=195)	3.1	[1.4,6.7]	96.9	[93.3,98.6]	100.0
Pearson: Uncorrected chi2(3) =	14.4763				
Design-based F(2.66, 1642.20) =	4.3887	Pr =	0.006		
Low healthcare utilizers					
Yes (n=75)	11.3	[5.5,21.9]	88.7	[78.1,94.5]	100.0
No (n=554)	3.1	[1.7,5.6]	96.9	[94.4,98.3]	100.0
Pearson: Uncorrected chi2(1) =	12.7056				
Design-based F(1.00, 617.00) =	8.3847	Pr =	0.004		
High ER utilizers					
Yes (n=30)	0.0		100.0		100.0
No (n=599)	4.5	[2.8,7.0]	95.5	[93.0,97.2]	100.0
Pearson: Uncorrected chi2(1) =	1.3710				
Design-based F(1.00, 617.00) =	0.9661	Pr =	0.326		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=174)	1.5	[0.4,6.0]	98.5	[94.0,99.6]	100.0
No chronic disease (n=455)	5.2	[3.2,8.4]	94.8	[91.6,96.8]	100.0
Pearson: Uncorrected chi2(1) =	4.2603				
Design-based F(1.00, 617.00) =	3.1789	Pr =	0.075		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=361)	3.3	[1.8,6.0]	96.7	[94.0,98.2]	100.0
No MH/SA (n=268)	5.4	[2.8,10.3]	94.6	[89.7,97.2]	100.0
Pearson: Uncorrected chi2(1) =	1.7246				
Design-based F(1.00, 617.00) =	1.1916	Pr =	0.275		
Total (n=629)	4.3	[2.7,6.7]	95.7	[93.3,97.3]	100.0

3.27.9 Unmet need- Care wasn't sufficient or of poor quality

Universe: Respondents who did not receive needed medical or dental care

	Didn't get care: other—treatment didn't help, bad care				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
FPL category					
0-35% (n=252)	4.0	[2.1,7.4]	96.0	[92.6,97.9]	100.0
36-99% (n=215)	3.5	[1.7,6.8]	96.5	[93.2,98.3]	100.0
≥ 100%(n = 162)	5.8	[2.9,11.3]	94.2	[88.7,97.1]	100.0
Pearson: Uncorrected chi2(2) =	1.0327				
Design-based F(1.95, 1205.82) =	0.5314	Pr =	0.584		
Region					
UP/NW/NE (n=98)	10.2	[4.1,23.3]	89.8	[76.7,95.9]	100.0
W/E Central/E (n=175)	3.9	[2.0,7.4]	96.1	[92.6,98.0]	100.0
S Central/SW/SE (n=161)	4.0	[1.8,8.7]	96.0	[91.3,98.2]	100.0
Detroit Metro (n=195)	3.5	[1.7,7.4]	96.5	[92.6,98.3]	100.0
Pearson: Uncorrected chi2(3) =	4.3355				
Design-based F(2.91, 1795.30) =	1.3920	Pr =	0.244		
Low healthcare utilizers					
Yes (n=75)	4.0	[1.2,12.8]	96.0	[87.2,98.8]	100.0
No (n=554)	4.3	[2.8,6.4]	95.7	[93.6,97.2]	100.0
Pearson: Uncorrected chi2(1) =	0.0131				
Design-based F(1.00, 617.00) =	0.0096	Pr =	0.922		
High ER utilizers					
Yes (n=30)	0.0		100.0		100.0
No (n=599)	4.4	[3.0,6.5]	95.6	[93.5,97.0]	100.0
Pearson: Uncorrected chi2(1) =	1.3574				
Design-based F(1.00, 617.00) =	1.0885	Pr =	0.297		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=174)	6.0	[3.1,11.4]	94.0	[88.6,96.9]	100.0
No chronic disease (n=455)	3.6	[2.1,5.8]	96.4	[94.2,97.9]	100.0
Pearson: Uncorrected chi2(1) =	1.8792				
Design-based F(1.00, 617.00) =	1.6436	Pr =	0.200		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=361)	3.7	[2.2,6.1]	96.3	[93.9,97.8]	100.0
No MH/SA (n=268)	4.9	[2.7,8.7]	95.1	[91.3,97.3]	100.0
Pearson: Uncorrected chi2(1) =	0.5562				
Design-based F(1.00, 617.00) =	0.5034	Pr =	0.478		
Total (n=629)	4.2	[2.8,6.2]	95.8	[93.8,97.2]	100.0

3.27.10 Unmet need- Don't know

Universe: Respondents who did not receive needed medical or dental care

Didn't get care: don't know	No.
No	59630.0
Total	59630.0

3.27.11 Unmet need- Refused

Universe: Respondents who did not receive needed medical or dental care

Didn't get care: refused	No.
No	59630.0
Total	59630.0

3.28 Q: Was there any time in the last 12 months when you needed or wanted any of the following but could not afford it?

3.28.1 Could not afford- Checkup, physical, or wellness visit

Universe: Respondents who did not receive needed care due to: plan not paying, being worried about the cost, insurance not accepted, or having no insurance

	Yes		Could not afford: checkup No		Total Row%
	Row%	95%CI	Row%	95%CI	
FPL category					
0-35% (n=156)	15.6	[9.8,24.0]	84.4	[76.0,90.2]	100.0
36-99% (n=142)	11.3	[6.8,18.1]	88.7	[81.9,93.2]	100.0
≥ 100% (n = 95)	9.7	[4.7,19.3]	90.3	[80.7,95.3]	100.0
Pearson: Uncorrected chi2(2) =	2.1303				
Design-based F(1.94, 738.61) =	0.9250	Pr =	0.394		
Region					
UP/NW/NE (n=55)	13.2	[5.2,29.8]	86.8	[70.2,94.8]	100.0
W/E Central/E (n=115)	11.6	[6.1,21.0]	88.4	[79.0,93.9]	100.0
S Central/SW/SE (n=92)	29.5	[19.3,42.3]	70.5	[57.7,80.7]	100.0
Detroit Metro (n=131)	7.6	[3.4,16.2]	92.4	[83.8,96.6]	100.0
Pearson: Uncorrected chi2(3) =	22.7803				
Design-based F(2.64, 1007.37) =	5.2979	Pr =	0.002		
Low healthcare utilizers					
Yes (n=43)	33.9	[18.7,53.2]	66.1	[46.8,81.3]	100.0
No (n=350)	9.8	[6.7,14.2]	90.2	[85.8,93.3]	100.0
Pearson: Uncorrected chi2(1) =	24.6291				
Design-based F(1.00, 381.00) =	12.7485	Pr =	0.000		
High ER utilizers					
Yes (n=21)	23.5	[9.4,47.6]	76.5	[52.4,90.6]	100.0
No (n=372)	12.8	[9.0,17.9]	87.2	[82.1,91.0]	100.0
Pearson: Uncorrected chi2(1) =	1.9348				
Design-based F(1.00, 381.00) =	1.6050	Pr =	0.206		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=106)	7.9	[3.7,16.0]	92.1	[84.0,96.3]	100.0
No chronic disease (n=287)	15.1	[10.5,21.2]	84.9	[78.8,89.5]	100.0
Pearson: Uncorrected chi2(1) =	3.2610				
Design-based F(1.00, 381.00) =	2.5869	Pr =	0.109		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=227)	11.4	[7.4,17.2]	88.6	[82.8,92.6]	100.0
No MH/SA (n=166)	15.8	[9.6,24.9]	84.2	[75.1,90.4]	100.0
Pearson: Uncorrected chi2(1) =	1.5942				
Design-based F(1.00, 381.00) =	0.9651	Pr =	0.327		
Total (n=393)	13.3	[9.6,18.2]	86.7	[81.8,90.4]	100.0

3.28.2 Could not afford- To see a specialist

Universe: Respondents who did not receive needed care due to: plan not paying, being worried about the cost, insurance not accepted, or having no insurance

	Could not afford: specialist				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=156)	26.6	[18.8,36.1]	73.4	[63.9,81.2]	100.0
36-99% (n=142)	12.2	[6.5,21.8]	87.8	[78.2,93.5]	100.0
≥ 100%(n = 95)	23.0	[15.3,33.0]	77.0	[67.0,84.7]	100.0
Pearson: Uncorrected chi2(2) =	9.1811				
Design-based F(1.86, 709.18) =	3.4349	Pr =	0.036		
Region					
UP/NW/NE (n=55)	28.8	[17.2,44.0]	71.2	[56.0,82.8]	100.0
W/E Central/E (n=115)	11.4	[6.4,19.6]	88.6	[80.4,93.6]	100.0
S Central/SW/SE (n=92)	34.5	[24.0,46.8]	65.5	[53.2,76.0]	100.0
Detroit Metro (n=131)	21.5	[13.5,32.4]	78.5	[67.6,86.5]	100.0
Pearson: Uncorrected chi2(3) =	14.9653				
Design-based F(2.59, 986.18) =	4.0908	Pr =	0.010		
Low healthcare utilizers					
Yes (n=43)	13.2	[5.7,27.6]	86.8	[72.4,94.3]	100.0
No (n=350)	23.1	[17.7,29.6]	76.9	[70.4,82.3]	100.0
Pearson: Uncorrected chi2(1) =	2.8561				
Design-based F(1.00, 381.00) =	1.9432	Pr =	0.164		
High ER utilizers					
Yes (n=21)	34.1	[13.8,62.7]	65.9	[37.3,86.2]	100.0
No (n=372)	21.0	[16.0,27.0]	79.0	[73.0,84.0]	100.0
Pearson: Uncorrected chi2(1) =	1.9898				
Design-based F(1.00, 381.00) =	1.1907	Pr =	0.276		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=106)	25.3	[15.8,37.9]	74.7	[62.1,84.2]	100.0
No chronic disease (n=287)	20.5	[15.0,27.3]	79.5	[72.7,85.0]	100.0
Pearson: Uncorrected chi2(1) =	0.9967				
Design-based F(1.00, 381.00) =	0.5896	Pr =	0.443		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=227)	23.1	[16.8,30.8]	76.9	[69.2,83.2]	100.0
No MH/SA (n=166)	19.9	[12.8,29.7]	80.1	[70.3,87.2]	100.0
Pearson: Uncorrected chi2(1) =	0.5701				
Design-based F(1.00, 381.00) =	0.3107	Pr =	0.578		
Total (n=393)	21.7	[16.8,27.5]	78.3	[72.5,83.2]	100.0

3.28.3 Could not afford- Mental health care or counseling

Universe: Respondents who did not receive needed care due to: plan not paying, being worried about the cost, insurance not accepted, or having no insurance

	Could not afford: mental health care				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=156)	11.3	[6.5,18.9]	88.7	[81.1,93.5]	100.0
36-99% (n=142)	7.1	[3.3,14.7]	92.9	[85.3,96.7]	100.0
≥ 100%(n = 95)	4.3	[1.5,12.1]	95.7	[87.9,98.5]	100.0
Pearson: Uncorrected chi2(2) =	3.6790				
Design-based F(1.90, 724.67) =	1.5100	Pr =	0.222		
Region					
UP/NW/NE (n=55)	5.5	[1.7,16.2]	94.5	[83.8,98.3]	100.0
W/E Central/E (n=115)	9.1	[4.8,16.8]	90.9	[83.2,95.2]	100.0
S Central/SW/SE (n=92)	14.9	[7.8,26.5]	85.1	[73.5,92.2]	100.0
Detroit Metro (n=131)	6.7	[2.7,15.5]	93.3	[84.5,97.3]	100.0
Pearson: Uncorrected chi2(3) =	4.9079				
Design-based F(2.38, 907.86) =	1.2757	Pr =	0.281		
Low healthcare utilizers					
Yes (n=43)	10.6	[3.1,30.8]	89.4	[69.2,96.9]	100.0
No (n=350)	8.6	[5.5,13.1]	91.4	[86.9,94.5]	100.0
Pearson: Uncorrected chi2(1) =	0.2385				
Design-based F(1.00, 381.00) =	0.1031	Pr =	0.748		
High ER utilizers					
Yes (n=21)	12.3	[2.9,40.0]	87.7	[60.0,97.1]	100.0
No (n=372)	8.7	[5.6,13.3]	91.3	[86.7,94.4]	100.0
Pearson: Uncorrected chi2(1) =	0.3119				
Design-based F(1.00, 381.00) =	0.2199	Pr =	0.639		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=106)	9.4	[4.4,19.1]	90.6	[80.9,95.6]	100.0
No chronic disease (n=287)	8.7	[5.2,14.1]	91.3	[85.9,94.8]	100.0
Pearson: Uncorrected chi2(1) =	0.0491				
Design-based F(1.00, 381.00) =	0.0317	Pr =	0.859		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=227)	11.6	[7.2,18.0]	88.4	[82.0,92.8]	100.0
No MH/SA (n=166)	5.4	[2.2,12.8]	94.6	[87.2,97.8]	100.0
Pearson: Uncorrected chi2(1) =	4.5138				
Design-based F(1.00, 381.00) =	2.3627	Pr =	0.125		
Total (n=393)	8.9	[5.8,13.3]	91.1	[86.7,94.2]	100.0

3.28.4 Could not afford- Substance use treatment services

Universe: Respondents who did not receive needed care due to: plan not paying, being worried about the cost, insurance not accepted, or having no insurance

	Could not afford: substance use treatment				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=156)	0.0		100.0		100.0
36-99% (n=142)	1.2	[0.2,8.0]	98.8	[92.0,99.8]	100.0
≥ 100%(n = 95)	1.8	[0.2,11.7]	98.2	[88.3,99.8]	100.0
Pearson: Uncorrected chi2(2) =	3.1749				
Design-based F(1.99, 757.57) =	1.2305	Pr =	0.293		
Region					
UP/NW/NE (n=55)	0.0		100.0		100.0
W/E Central/E (n=115)	1.1	[0.2,7.4]	98.9	[92.6,99.8]	100.0
S Central/SW/SE (n=92)	1.8	[0.3,11.9]	98.2	[88.1,99.7]	100.0
Detroit Metro (n=131)	0.0		100.0		100.0
Pearson: Uncorrected chi2(3) =	3.2774				
Design-based F(2.21, 842.09) =	1.2035	Pr =	0.303		
Low healthcare utilizers					
Yes (n=43)	2.4	[0.3,15.5]	97.6	[84.5,99.7]	100.0
No (n=350)	0.4	[0.0,2.5]	99.6	[97.5,100.0]	100.0
Pearson: Uncorrected chi2(1) =	3.2247				
Design-based F(1.00, 381.00) =	2.4927	Pr =	0.115		
High ER utilizers					
Yes (n=21)	0.0		100.0		100.0
No (n=372)	0.7	[0.2,2.8]	99.3	[97.2,99.8]	100.0
Pearson: Uncorrected chi2(1) =	0.1437				
Design-based F(1.00, 381.00) =	0.1095	Pr =	0.741		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=106)	0.0		100.0		100.0
No chronic disease (n=287)	0.9	[0.2,3.5]	99.1	[96.5,99.8]	100.0
Pearson: Uncorrected chi2(1) =	0.8561				
Design-based F(1.00, 381.00) =	0.6600	Pr =	0.417		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=227)	0.5	[0.1,3.7]	99.5	[96.3,99.9]	100.0
No MH/SA (n=166)	0.8	[0.1,5.6]	99.2	[94.4,99.9]	100.0
Pearson: Uncorrected chi2(1) =	0.1120				
Design-based F(1.00, 381.00) =	0.0874	Pr =	0.768		
Total (n=393)	0.7	[0.2,2.6]	99.3	[97.4,99.8]	100.0

3.28.5 Could not afford- Prescription medication

Universe: Respondents who did not receive needed care due to: plan not paying, being worried about the cost, insurance not accepted, or having no insurance

	Could not afford: prescription meds				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=156)	25.0	[17.6,34.3]	75.0	[65.7,82.4]	100.0
36-99% (n=142)	15.0	[9.7,22.5]	85.0	[77.5,90.3]	100.0
≥ 100%(n = 95)	12.5	[6.7,22.3]	87.5	[77.7,93.3]	100.0
Pearson: Uncorrected chi2(2) =	7.4910				
Design-based F(1.94, 737.26) =	3.3140	Pr =	0.038		
Region					
UP/NW/NE (n=55)	19.5	[10.7,32.7]	80.5	[67.3,89.3]	100.0
W/E Central/E (n=115)	17.4	[10.8,26.8]	82.6	[73.2,89.2]	100.0
S Central/SW/SE (n=92)	29.5	[19.4,42.0]	70.5	[58.0,80.6]	100.0
Detroit Metro (n=131)	17.5	[10.6,27.4]	82.5	[72.6,89.4]	100.0
Pearson: Uncorrected chi2(3) =	5.4781				
Design-based F(2.54, 967.33) =	1.5194	Pr =	0.214		
Low healthcare utilizers					
Yes (n=43)	25.3	[12.3,45.0]	74.7	[55.0,87.7]	100.0
No (n=350)	19.0	[14.3,24.7]	81.0	[75.3,85.7]	100.0
Pearson: Uncorrected chi2(1) =	1.2371				
Design-based F(1.00, 381.00) =	0.5916	Pr =	0.442		
High ER utilizers					
Yes (n=21)	32.8	[12.7,62.0]	67.2	[38.0,87.3]	100.0
No (n=372)	19.2	[14.6,24.8]	80.8	[75.2,85.4]	100.0
Pearson: Uncorrected chi2(1) =	2.2428				
Design-based F(1.00, 381.00) =	1.3029	Pr =	0.254		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=106)	30.4	[20.5,42.6]	69.6	[57.4,79.5]	100.0
No chronic disease (n=287)	16.5	[11.7,22.7]	83.5	[77.3,88.3]	100.0
Pearson: Uncorrected chi2(1) =	8.9902				
Design-based F(1.00, 381.00) =	5.6904	Pr =	0.018		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=227)	25.0	[18.4,33.0]	75.0	[67.0,81.6]	100.0
No MH/SA (n=166)	13.4	[8.3,20.9]	86.6	[79.1,91.7]	100.0
Pearson: Uncorrected chi2(1) =	8.1286				
Design-based F(1.00, 381.00) =	5.2927	Pr =	0.022		
Total (n=393)	19.9	[15.3,25.5]	80.1	[74.5,84.7]	100.0

3.28.6 Could not afford- Dental care

Universe: Respondents who did not receive needed care due to: plan not paying, being worried about the cost, insurance not accepted, or having no insurance

	Could not afford: dental care				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=156)	59.9	[50.6,68.5]	40.1	[31.5,49.4]	100.0
36-99% (n=142)	64.1	[53.2,73.7]	35.9	[26.3,46.8]	100.0
≥ 100%(n = 95)	72.0	[60.8,81.0]	28.0	[19.0,39.2]	100.0
Pearson: Uncorrected chi2(2) =	3.2693				
Design-based F(1.90, 724.78) =	1.2641	Pr =	0.282		
Region					
UP/NW/NE (n=55)	57.2	[42.3,70.9]	42.8	[29.1,57.7]	100.0
W/E Central/E (n=115)	61.1	[50.8,70.6]	38.9	[29.4,49.2]	100.0
S Central/SW/SE (n=92)	50.6	[38.9,62.2]	49.4	[37.8,61.1]	100.0
Detroit Metro (n=131)	70.5	[59.6,79.5]	29.5	[20.5,40.4]	100.0
Pearson: Uncorrected chi2(3) =	10.0260				
Design-based F(2.58, 982.33) =	2.8011	Pr =	0.047		
Low healthcare utilizers					
Yes (n=43)	67.9	[49.1,82.3]	32.1	[17.7,50.9]	100.0
No (n=350)	62.4	[55.9,68.5]	37.6	[31.5,44.1]	100.0
Pearson: Uncorrected chi2(1) =	0.6463				
Design-based F(1.00, 381.00) =	0.3366	Pr =	0.562		
High ER utilizers					
Yes (n=21)	39.5	[19.0,64.5]	60.5	[35.5,81.0]	100.0
No (n=372)	64.5	[58.2,70.3]	35.5	[29.7,41.8]	100.0
Pearson: Uncorrected chi2(1) =	5.2501				
Design-based F(1.00, 381.00) =	3.9553	Pr =	0.047		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=106)	49.7	[38.4,60.9]	50.3	[39.1,61.6]	100.0
No chronic disease (n=287)	67.7	[60.6,74.0]	32.3	[26.0,39.4]	100.0
Pearson: Uncorrected chi2(1) =	10.1986				
Design-based F(1.00, 381.00) =	7.2911	Pr =	0.007		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=227)	57.0	[48.9,64.8]	43.0	[35.2,51.1]	100.0
No MH/SA (n=166)	71.1	[61.9,78.9]	28.9	[21.1,38.1]	100.0
Pearson: Uncorrected chi2(1) =	8.2845				
Design-based F(1.00, 381.00) =	5.3218	Pr =	0.022		
Total (n=393)	63.2	[57.0,69.0]	36.8	[31.0,43.0]	100.0

3.28.7 Could not afford- Other

Universe: Respondents who did not receive needed care due to: plan not paying, being worried about the cost, insurance not accepted, or having no insurance

	Could not afford: other response-record				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=156)	13.2	[8.3,20.3]	86.8	[79.7,91.7]	100.0
36-99% (n=142)	16.0	[8.9,27.1]	84.0	[72.9,91.1]	100.0
≥ 100%(n = 95)	6.9	[2.8,16.1]	93.1	[83.9,97.2]	100.0
Pearson: Uncorrected chi2(2) =	3.1193				
Design-based F(1.89, 719.22) =	1.1055	Pr =	0.329		
Region					
UP/NW/NE (n=55)	15.2	[7.9,27.1]	84.8	[72.9,92.1]	100.0
W/E Central/E (n=115)	11.9	[6.8,19.9]	88.1	[80.1,93.2]	100.0
S Central/SW/SE (n=92)	18.2	[10.5,29.7]	81.8	[70.3,89.5]	100.0
Detroit Metro (n=131)	11.1	[5.7,20.7]	88.9	[79.3,94.3]	100.0
Pearson: Uncorrected chi2(3) =	2.6267				
Design-based F(2.43, 924.88) =	0.7268	Pr =	0.509		
Low healthcare utilizers					
Yes (n=43)	9.3	[3.2,24.1]	90.7	[75.9,96.8]	100.0
No (n=350)	13.6	[9.5,19.0]	86.4	[81.0,90.5]	100.0
Pearson: Uncorrected chi2(1) =	0.8139				
Design-based F(1.00, 381.00) =	0.5062	Pr =	0.477		
High ER utilizers					
Yes (n=21)	16.9	[4.3,47.7]	83.1	[52.3,95.7]	100.0
No (n=372)	12.7	[9.0,17.8]	87.3	[82.2,91.0]	100.0
Pearson: Uncorrected chi2(1) =	0.2933				
Design-based F(1.00, 381.00) =	0.1748	Pr =	0.676		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=106)	17.1	[10.2,27.2]	82.9	[72.8,89.8]	100.0
No chronic disease (n=287)	11.6	[7.5,17.5]	88.4	[82.5,92.5]	100.0
Pearson: Uncorrected chi2(1) =	1.9521				
Design-based F(1.00, 381.00) =	1.3492	Pr =	0.246		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=227)	14.8	[9.9,21.7]	85.2	[78.3,90.1]	100.0
No MH/SA (n=166)	10.5	[5.8,18.3]	89.5	[81.7,94.2]	100.0
Pearson: Uncorrected chi2(1) =	1.5876				
Design-based F(1.00, 381.00) =	0.9663	Pr =	0.326		
Total (n=393)	13.0	[9.2,17.9]	87.0	[82.1,90.8]	100.0

3.28.8 Could not afford- None

Universe: Respondents who did not receive needed care due to: plan not paying, being worried about the cost, insurance not accepted, or having no insurance

	Could not afford: None				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=156)	4.2	[2.1,8.3]	95.8	[91.7,97.9]	100.0
36-99% (n=142)	8.8	[5.0,15.1]	91.2	[84.9,95.0]	100.0
≥ 100% (n = 95)	4.4	[1.8,10.7]	95.6	[89.3,98.2]	100.0
Pearson: Uncorrected chi2(2) =	3.1928				
Design-based F(1.93, 734.10) =	1.8485	Pr =	0.160		
Region					
UP/NW/NE (n=55)	9.8	[3.8,23.2]	90.2	[76.8,96.2]	100.0
W/E Central/E (n=115)	7.8	[3.9,14.9]	92.2	[85.1,96.1]	100.0
S Central/SW/SE (n=92)	5.1	[1.9,12.8]	94.9	[87.2,98.1]	100.0
Detroit Metro (n=131)	4.0	[2.0,7.9]	96.0	[92.1,98.0]	100.0
Pearson: Uncorrected chi2(3) =	2.7545				
Design-based F(2.89, 1101.89) =	1.0584	Pr =	0.364		
Low healthcare utilizers					
Yes (n=43)	5.1	[1.6,15.0]	94.9	[85.0,98.4]	100.0
No (n=350)	5.7	[3.7,8.7]	94.3	[91.3,96.3]	100.0
Pearson: Uncorrected chi2(1) =	0.0374				
Design-based F(1.00, 381.00) =	0.0366	Pr =	0.848		
High ER utilizers					
Yes (n=21)	9.6	[2.3,32.3]	90.4	[67.7,97.7]	100.0
No (n=372)	5.4	[3.6,8.2]	94.6	[91.8,96.4]	100.0
Pearson: Uncorrected chi2(1) =	0.6337				
Design-based F(1.00, 381.00) =	0.6020	Pr =	0.438		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=106)	5.8	[2.7,12.0]	94.2	[88.0,97.3]	100.0
No chronic disease (n=287)	5.6	[3.5,8.9]	94.4	[91.1,96.5]	100.0
Pearson: Uncorrected chi2(1) =	0.0069				
Design-based F(1.00, 381.00) =	0.0075	Pr =	0.931		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=227)	6.1	[3.7,10.1]	93.9	[89.9,96.3]	100.0
No MH/SA (n=166)	5.0	[2.6,9.5]	95.0	[90.5,97.4]	100.0
Pearson: Uncorrected chi2(1) =	0.2331				
Design-based F(1.00, 381.00) =	0.2332	Pr =	0.629		
Total (n=393)	5.6	[3.8,8.3]	94.4	[91.7,96.2]	100.0

3.28.9 Could not afford- Don't know

Universe: Respondents who did not receive needed care due to: plan not paying, being worried about the cost, insurance not accepted, or having no insurance

Could not afford: don't know	No.
Yes	93.6
No	38060.1
Total	38153.7

3.28.10 Could not afford- Refused

Universe: Respondents who did not receive needed care due to: plan not paying, being worried about the cost, insurance not accepted, or having no insurance

Could not afford: refused	No.
Yes	44.9
No	38108.7
Total	38153.7

3.29 Q: In the last 12 months, when you felt sick or wanted advice about your health, how easy or difficult was it to get an appointment to see your primary care provider?

Universe: Respondents who have seen their PCP in the last 12 months

	PCP appointment ease												
	Very easy		Easy		Neutral		Difficult		Very Difficult		Don't know		Total
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%
FPL category													
0-35% (n=1,322)	42.3	[39.0,45.7]	40.1	[36.8,43.5]	10.4	[8.4,12.9]	4.2	[3.1,5.6]	2.8	[1.8,4.2]	0.2	[0.0,0.7]	100.0
36-99% (n=1,209)	42.1	[38.8,45.5]	44.1	[40.7,47.5]	7.8	[6.2,9.7]	4.1	[3.1,5.4]	2.0	[1.2,3.2]	0.0		100.0
≥ 100% (n = 855)	40.5	[36.7,44.4]	43.9	[40.1,47.9]	6.5	[4.9,8.4]	7.6	[5.6,10.2]	1.5	[0.9,2.6]	0.0		100.0
Pearson: Uncorrected chi2(10) =	33.2727												
Design-based F(8.91, 30046.43) =	2.7810		Pr =	0.003									
Region													
UP/NW/NE (n=638)	45.4	[41.1,49.8]	41.3	[37.0,45.7]	8.1	[5.9,11.1]	4.2	[2.7,6.4]	1.0	[0.5,2.0]	0.0		100.0
W/E Central/E (n=1,074)	42.9	[39.5,46.3]	42.6	[39.2,46.0]	7.3	[5.6,9.4]	4.7	[3.5,6.3]	2.5	[1.6,3.8]	0.1	[0.0,0.9]	100.0
S Central/SW/SE (n=666)	38.5	[34.1,43.1]	41.3	[36.9,45.9]	10.4	[8.0,13.5]	6.4	[4.6,8.9]	3.1	[1.9,5.1]	0.3	[0.0,2.0]	100.0
Detroit Metro (n=1,008)	41.9	[38.1,45.7]	42.0	[38.3,45.9]	9.5	[7.4,12.2]	4.4	[3.2,6.1]	2.1	[1.2,3.8]	0.0		100.0
Pearson: Uncorrected chi2(15) =	21.1621												
Design-based F(12.61, 42552.75) =	1.1491		Pr =	0.313									
Low healthcare utilizers													
Yes (n=168)	40.8	[31.1,51.2]	46.1	[36.5,55.9]	4.5	[2.1,9.5]	6.3	[3.2,12.2]	1.7	[0.5,5.5]	0.6	[0.1,3.9]	100.0
No (n=3,218)	42.0	[39.9,44.2]	41.7	[39.6,43.9]	9.2	[7.9,10.7]	4.7	[3.9,5.7]	2.3	[1.7,3.2]	0.1	[0.0,0.4]	100.0
Pearson: Uncorrected chi2(5) =	13.7469												
Design-based F(4.78, 16120.59) =	1.5958		Pr =	0.161									
High ER utilizers													
Yes (n=130)	34.8	[25.4,45.5]	39.0	[28.9,50.2]	13.8	[6.6,26.8]	6.9	[3.1,14.9]	5.5	[2.5,11.6]	0.0		100.0
No (n=3,256)	42.2	[40.1,44.4]	42.1	[40.0,44.3]	8.7	[7.5,10.0]	4.7	[3.9,5.7]	2.1	[1.6,2.9]	0.1	[0.0,0.4]	100.0
Pearson: Uncorrected chi2(5) =	15.2410												
Design-based F(4.54, 15324.67) =	1.5779		Pr =	0.169									
Chronic disease (HEDIS)													
Chronic disease (HEDIS) (n=1,095)	42.6	[39.0,46.2]	41.6	[38.0,45.3]	8.0	[6.1,10.3]	5.6	[4.2,7.5]	2.2	[1.4,3.4]	0.0		100.0
No chronic disease (n=2,291)	41.6	[39.1,44.3]	42.1	[39.6,44.7]	9.3	[7.8,11.0]	4.5	[3.6,5.6]	2.3	[1.6,3.4]	0.1	[0.0,0.5]	100.0
Pearson: Uncorrected chi2(5) =	4.7247												
Design-based F(4.98, 16816.51) =	0.6375		Pr =	0.671									
Mental health/substance use disorder (HEDIS)													
MH/SA (HEDIS) (n=1,820)	41.9	[39.1,44.8]	39.4	[36.7,42.2]	9.6	[7.9,11.6]	6.2	[5.0,7.6]	2.9	[2.0,4.2]	0.0		100.0
No MH/SA (n=1,566)	41.9	[38.8,45.1]	44.9	[41.7,48.1]	8.1	[6.5,10.1]	3.3	[2.4,4.5]	1.6	[1.0,2.6]	0.2	[0.0,0.8]	100.0
Pearson: Uncorrected chi2(5) =	31.8504												
Design-based F(4.96, 16736.46) =	3.9778		Pr =	0.001									
Total (n=3,386)	41.9	[39.8,44.0]	42.0	[39.9,44.1]	8.9	[7.7,10.3]	4.8	[4.0,5.8]	2.3	[1.7,3.1]	0.1	[0.0,0.4]	100.0

3.30 Q: What made it difficult?

3.30.1 PCP Appointment difficult- Could not get through on the telephone

Universe: Respondents who found it difficult or very difficult to see their PCP in the last 12 months

	Difficult appt: phone				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=89)	5.8	[2.0,15.6]	94.2	[84.4,98.0]	100.0
36-99% (n=77)	9.6	[4.5,19.0]	90.4	[81.0,95.5]	100.0
≥ 100% (n = 69)	9.8	[4.5,20.1]	90.2	[79.9,95.5]	100.0
Pearson: Uncorrected chi2(2) =	1.2247				
Design-based F(1.85, 413.64) =	0.4997	Pr =	0.593		
Region					
UP/NW/NE (n=34)	6.5	[1.9,19.9]	93.5	[80.1,98.1]	100.0
W/E Central/E (n=74)	10.8	[5.5,20.2]	89.2	[79.8,94.5]	100.0
S Central/SW/SE (n=65)	9.8	[4.3,20.7]	90.2	[79.3,95.7]	100.0
Detroit Metro (n=62)	4.5	[0.9,19.0]	95.5	[81.0,99.1]	100.0
Pearson: Uncorrected chi2(3) =	2.6445				
Design-based F(2.17, 485.02) =	0.7238	Pr =	0.496		
Low healthcare utilizers					
Yes (n=15)	0.0		100.0		100.0
No (n=220)	8.4	[5.0,13.7]	91.6	[86.3,95.0]	100.0
Pearson: Uncorrected chi2(1) =	1.5901				
Design-based F(1.00, 223.00) =	1.1100	Pr =	0.293		
High ER utilizers					
Yes (n=17)	10.2	[2.9,30.4]	89.8	[69.6,97.1]	100.0
No (n=218)	7.5	[4.3,12.9]	92.5	[87.1,95.7]	100.0
Pearson: Uncorrected chi2(1) =	0.1752				
Design-based F(1.00, 223.00) =	0.2029	Pr =	0.653		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=86)	4.8	[1.9,11.3]	95.2	[88.7,98.1]	100.0
No chronic disease (n=149)	9.2	[5.0,16.2]	90.8	[83.8,95.0]	100.0
Pearson: Uncorrected chi2(1) =	1.3935				
Design-based F(1.00, 223.00) =	1.5326	Pr =	0.217		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=154)	9.2	[5.1,16.2]	90.8	[83.8,94.9]	100.0
No MH/SA (n=81)	4.7	[1.7,12.0]	95.3	[88.0,98.3]	100.0
Pearson: Uncorrected chi2(1) =	1.5143				
Design-based F(1.00, 223.00) =	1.4504	Pr =	0.230		
Total (n=235)	7.7	[4.6,12.7]	92.3	[87.3,95.4]	100.0

3.30.2 PCP Appointment difficult- Could not get an appointment soon enough

Universe: Respondents who found it difficult or very difficult to see their PCP in the last 12 months

	Difficult appt: none soon				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=89)	84.8	[74.0,91.6]	15.2	[8.4,26.0]	100.0
36-99% (n=77)	81.5	[69.5,89.4]	18.5	[10.6,30.5]	100.0
≥ 100%(n = 69)	85.1	[73.7,92.1]	14.9	[7.9,26.3]	100.0
Pearson: Uncorrected chi2(2) =	0.3815				
Design-based F(1.94, 432.77) =	0.1626	Pr =	0.844		
Region					
UP/NW/NE (n=34)	80.0	[62.8,90.5]	20.0	[9.5,37.2]	100.0
W/E Central/E (n=74)	77.6	[64.4,86.9]	22.4	[13.1,35.6]	100.0
S Central/SW/SE (n=65)	87.7	[75.8,94.1]	12.3	[5.9,24.2]	100.0
Detroit Metro (n=62)	87.4	[75.3,94.0]	12.6	[6.0,24.7]	100.0
Pearson: Uncorrected chi2(3) =	3.6648				
Design-based F(2.62, 583.36) =	1.1157	Pr =	0.338		
Low healthcare utilizers					
Yes (n=15)	80.7	[49.4,94.7]	19.3	[5.3,50.6]	100.0
No (n=220)	84.3	[77.8,89.2]	15.7	[10.8,22.2]	100.0
Pearson: Uncorrected chi2(1) =	0.1524				
Design-based F(1.00, 223.00) =	0.1029	Pr =	0.749		
High ER utilizers					
Yes (n=17)	96.9	[80.0,99.6]	3.1	[0.4,20.0]	100.0
No (n=218)	82.9	[76.2,88.0]	17.1	[12.0,23.8]	100.0
Pearson: Uncorrected chi2(1) =	2.4700				
Design-based F(1.00, 223.00) =	4.0218	Pr =	0.046		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=86)	86.0	[76.9,91.9]	14.0	[8.1,23.1]	100.0
No chronic disease (n=149)	83.1	[74.6,89.2]	16.9	[10.8,25.4]	100.0
Pearson: Uncorrected chi2(1) =	0.3190				
Design-based F(1.00, 223.00) =	0.2994	Pr =	0.585		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=154)	79.8	[71.2,86.3]	20.2	[13.7,28.8]	100.0
No MH/SA (n=81)	92.8	[85.0,96.7]	7.2	[3.3,15.0]	100.0
Pearson: Uncorrected chi2(1) =	6.5502				
Design-based F(1.00, 223.00) =	6.6278	Pr =	0.011		
Total (n=235)	84.0	[77.8,88.8]	16.0	[11.2,22.2]	100.0

3.30.3 PCP Appointment difficult- Inconvenient hours

Universe: Respondents who found it difficult or very difficult to see their PCP in the last 12 months

	Difficult appt: inconvenient hours				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=89)	17.7	[10.2,28.9]	82.3	[71.1,89.8]	100.0
36-99% (n=77)	18.5	[10.4,30.9]	81.5	[69.1,89.6]	100.0
≥ 100%(n = 69)	20.3	[11.8,32.8]	79.7	[67.2,88.2]	100.0
Pearson: Uncorrected chi2(2) =	0.1811				
Design-based F(1.95, 434.28) =	0.0737	Pr =	0.925		
Region					
UP/NW/NE (n=34)	16.2	[6.8,33.9]	83.8	[66.1,93.2]	100.0
W/E Central/E (n=74)	21.4	[12.8,33.6]	78.6	[66.4,87.2]	100.0
S Central/SW/SE (n=65)	17.3	[9.2,30.1]	82.7	[69.9,90.8]	100.0
Detroit Metro (n=62)	17.6	[9.1,31.1]	82.4	[68.9,90.9]	100.0
Pearson: Uncorrected chi2(3) =	0.5580				
Design-based F(2.62, 583.48) =	0.1675	Pr =	0.896		
Low healthcare utilizers					
Yes (n=15)	8.7	[1.2,42.8]	91.3	[57.2,98.8]	100.0
No (n=220)	19.3	[13.8,26.4]	80.7	[73.6,86.2]	100.0
Pearson: Uncorrected chi2(1) =	1.2230				
Design-based F(1.00, 223.00) =	0.7988	Pr =	0.372		
High ER utilizers					
Yes (n=17)	27.6	[9.3,58.8]	72.4	[41.2,90.7]	100.0
No (n=218)	17.8	[12.6,24.5]	82.2	[75.5,87.4]	100.0
Pearson: Uncorrected chi2(1) =	1.0949				
Design-based F(1.00, 223.00) =	0.6811	Pr =	0.410		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=86)	19.7	[11.4,32.1]	80.3	[67.9,88.6]	100.0
No chronic disease (n=149)	18.0	[11.8,26.3]	82.0	[73.7,88.2]	100.0
Pearson: Uncorrected chi2(1) =	0.1057				
Design-based F(1.00, 223.00) =	0.0776	Pr =	0.781		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=154)	18.7	[12.4,27.3]	81.3	[72.7,87.6]	100.0
No MH/SA (n=81)	18.2	[10.4,30.0]	81.8	[70.0,89.6]	100.0
Pearson: Uncorrected chi2(1) =	0.0078				
Design-based F(1.00, 223.00) =	0.0059	Pr =	0.939		
Total (n=235)	18.5	[13.3,25.2]	81.5	[74.8,86.7]	100.0

3.30.4 PCP Appointment difficult- No transportation

Universe: Respondents who found it difficult or very difficult to see their PCP in the last 12 months

	Difficult appt: transportation				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=89)	4.4	[1.8,10.5]	95.6	[89.5,98.2]	100.0
36-99% (n=77)	2.2	[0.5,9.0]	97.8	[91.0,99.5]	100.0
≥ 100%(n = 69)	3.8	[1.2,11.1]	96.2	[88.9,98.8]	100.0
Pearson: Uncorrected chi2(2) =	0.5520				
Design-based F(1.98, 441.23) =	0.3454	Pr =	0.706		
Region					
UP/NW/NE (n=34)	14.9	[6.1,31.9]	85.1	[68.1,93.9]	100.0
W/E Central/E (n=74)	3.2	[1.0,10.4]	96.8	[89.6,99.0]	100.0
S Central/SW/SE (n=65)	3.9	[1.2,11.8]	96.1	[88.2,98.8]	100.0
Detroit Metro (n=62)	2.0	[0.3,13.1]	98.0	[86.9,99.7]	100.0
Pearson: Uncorrected chi2(3) =	6.5813				
Design-based F(2.52, 562.61) =	2.1522	Pr =	0.104		
Low healthcare utilizers					
Yes (n=15)	8.4	[1.9,30.1]	91.6	[69.9,98.1]	100.0
No (n=220)	3.3	[1.6,6.7]	96.7	[93.3,98.4]	100.0
Pearson: Uncorrected chi2(1) =	1.1841				
Design-based F(1.00, 223.00) =	1.3549	Pr =	0.246		
High ER utilizers					
Yes (n=17)	0.0		100.0		100.0
No (n=218)	4.0	[2.1,7.5]	96.0	[92.5,97.9]	100.0
Pearson: Uncorrected chi2(1) =	0.7663				
Design-based F(1.00, 223.00) =	0.6528	Pr =	0.420		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=86)	4.4	[2.0,9.6]	95.6	[90.4,98.0]	100.0
No chronic disease (n=149)	3.3	[1.3,8.2]	96.7	[91.8,98.7]	100.0
Pearson: Uncorrected chi2(1) =	0.1827				
Design-based F(1.00, 223.00) =	0.2267	Pr =	0.634		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=154)	4.8	[2.4,9.4]	95.2	[90.6,97.6]	100.0
No MH/SA (n=81)	1.3	[0.2,8.9]	98.7	[91.1,99.8]	100.0
Pearson: Uncorrected chi2(1) =	1.8085				
Design-based F(1.00, 223.00) =	1.8071	Pr =	0.180		
Total (n=235)	3.7	[1.9,6.9]	96.3	[93.1,98.1]	100.0

3.30.5 PCP Appointment difficult- Other

Universe: Respondents who found it difficult or very difficult to see their PCP in the last 12 months

	Difficult appt: other response-record				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=89)	12.3	[5.2,26.4]	87.7	[73.6,94.8]	100.0
36-99% (n=77)	8.0	[3.1,19.0]	92.0	[81.0,96.9]	100.0
≥ 100%(n = 69)	3.5	[1.1,10.7]	96.5	[89.3,98.9]	100.0
Pearson: Uncorrected chi2(2) =	3.8194				
Design-based F(1.80, 402.16) =	1.5465	Pr =	0.216		
Region					
UP/NW/NE (n=34)	4.9	[1.1,19.5]	95.1	[80.5,98.9]	100.0
W/E Central/E (n=74)	10.5	[4.1,24.2]	89.5	[75.8,95.9]	100.0
S Central/SW/SE (n=65)	1.8	[0.2,12.0]	98.2	[88.0,99.8]	100.0
Detroit Metro (n=62)	12.9	[5.0,29.7]	87.1	[70.3,95.0]	100.0
Pearson: Uncorrected chi2(3) =	5.8052				
Design-based F(2.31, 515.68) =	1.5206	Pr =	0.217		
Low healthcare utilizers					
Yes (n=15)	10.9	[1.5,49.6]	89.1	[50.4,98.5]	100.0
No (n=220)	8.9	[4.5,16.7]	91.1	[83.3,95.5]	100.0
Pearson: Uncorrected chi2(1) =	0.0790				
Design-based F(1.00, 223.00) =	0.0402	Pr =	0.841		
High ER utilizers					
Yes (n=17)	0.0		100.0		100.0
No (n=218)	9.8	[5.2,17.7]	90.2	[82.3,94.8]	100.0
Pearson: Uncorrected chi2(1) =	1.9825				
Design-based F(1.00, 223.00) =	1.0886	Pr =	0.298		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=86)	5.5	[2.0,14.3]	94.5	[85.7,98.0]	100.0
No chronic disease (n=149)	10.7	[5.1,21.1]	89.3	[78.9,94.9]	100.0
Pearson: Uncorrected chi2(1) =	1.6980				
Design-based F(1.00, 223.00) =	1.2254	Pr =	0.269		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=154)	12.2	[6.2,22.6]	87.8	[77.4,93.8]	100.0
No MH/SA (n=81)	2.4	[0.7,8.1]	97.6	[91.9,99.3]	100.0
Pearson: Uncorrected chi2(1) =	6.0701				
Design-based F(1.00, 223.00) =	6.6698	Pr =	0.010		
Total (n=235)	9.0	[4.8,16.4]	91.0	[83.6,95.2]	100.0

3.30.6 PCP Appointment difficult- Don't know

Universe: Respondents who found it difficult or very difficult to see their PCP in the last 12 months

Difficult appt: don't know	No.
No	21543.2
Total	21543.2

3.30.7 PCP Appointment difficult- Refused

Universe: Respondents who found it difficult or very difficult to see their PCP in the last 12 months

Difficult appt: refused	No.
No	21543.2
Total	21543.2

3.31 Q: In the last 12 months, have you ever felt that a doctor or medical staff judged you unfairly or treated you with disrespect because of:

3.31.1 Discrimination due to race

Universe: All respondents

	Yes		Discrimination: race/ethnicity				Total Row%
	Row%	95%CI	No Row%	95%CI	Don't know Row%	95%CI	
FPL category							
0-35% (n=1,595)	3.2	[2.3,4.4]	96.0	[94.8,97.0]	0.7	[0.4,1.3]	100.0
36-99% (n=1,444)	2.3	[1.5,3.5]	96.9	[95.6,97.8]	0.7	[0.4,1.5]	100.0
≥ 100% (n = 1,037)	2.8	[1.8,4.2]	96.4	[94.9,97.5]	0.8	[0.4,1.6]	100.0
Pearson: Uncorrected chi2(4) =	2.0585						
Design-based F(3.88, 15753.92) =	0.4378	Pr =	0.775				
Region							
UP/NW/NE (n=745)	1.4	[0.6,3.5]	97.7	[95.5,98.8]	0.9	[0.4,2.3]	100.0
W/E Central/E (n=1,258)	2.7	[1.9,3.9]	96.5	[95.3,97.5]	0.7	[0.4,1.4]	100.0
S Central/SW/SE (n=835)	3.7	[2.4,5.6]	94.9	[92.8,96.5]	1.4	[0.7,2.8]	100.0
Detroit Metro (n=1,238)	2.9	[2.0,4.3]	96.6	[95.2,97.6]	0.5	[0.2,1.0]	100.0
Pearson: Uncorrected chi2(6) =	10.7786						
Design-based F(5.71, 23216.39) =	1.4858	Pr =	0.182				
Low healthcare utilizers							
Yes (n=486)	1.5	[0.6,3.7]	95.2	[92.6,96.9]	3.3	[2.0,5.4]	100.0
No (n=3,590)	3.1	[2.5,3.9]	96.6	[95.8,97.2]	0.3	[0.2,0.6]	100.0
Pearson: Uncorrected chi2(2) =	69.0683						
Design-based F(1.86, 7572.11) =	22.0796	Pr =	0.000				
High ER utilizers							
Yes (n=155)	4.6	[2.1,10.0]	94.8	[89.4,97.5]	0.5	[0.1,3.7]	100.0
No (n=3,921)	2.8	[2.2,3.5]	96.4	[95.7,97.1]	0.8	[0.5,1.1]	100.0
Pearson: Uncorrected chi2(2) =	2.1895						
Design-based F(1.93, 7857.99) =	0.9154	Pr =	0.398				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,158)	5.1	[3.6,7.1]	94.8	[92.7,96.3]	0.1	[0.0,0.6]	100.0
No chronic disease (n=2,918)	2.1	[1.6,2.9]	96.9	[96.1,97.6]	1.0	[0.6,1.4]	100.0
Pearson: Uncorrected chi2(2) =	31.1323						
Design-based F(1.82, 7411.11) =	13.0127	Pr =	0.000				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,029)	4.0	[3.0,5.3]	95.7	[94.4,96.8]	0.2	[0.1,0.5]	100.0
No MH/SA (n=2,047)	1.8	[1.3,2.6]	96.9	[96.0,97.7]	1.2	[0.8,1.9]	100.0
Pearson: Uncorrected chi2(2) =	30.7056						
Design-based F(1.88, 7649.67) =	13.9552	Pr =	0.000				
Total (n=4,076)	2.9	[2.3,3.6]	96.4	[95.6,97.0]	0.8	[0.5,1.1]	100.0

3.31.2 Discrimination due to English speaking ability

Universe: All respondents

	Discrimination: English ability						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,594)	1.5	[1.0,2.4]	97.4	[96.2,98.3]	1.0	[0.5,2.1]	100.0
36-99% (n=1,444)	2.2	[1.4,3.5]	97.2	[95.8,98.2]	0.6	[0.3,1.4]	100.0
≥ 100% (n = 1,037)	1.5	[0.8,2.7]	97.3	[95.9,98.3]	1.2	[0.7,2.2]	100.0
Pearson: Uncorrected chi2(4) =	4.5505						
Design-based F(3.82, 15526.54) =	0.7746	Pr =	0.536				
Region							
UP/NW/NE (n=744)	1.0	[0.5,2.2]	97.5	[95.4,98.7]	1.5	[0.6,3.6]	100.0
W/E Central/E (n=1,259)	1.6	[1.0,2.6]	97.6	[96.4,98.4]	0.8	[0.4,1.6]	100.0
S Central/SW/SE (n=835)	1.7	[0.9,3.2]	96.7	[94.8,97.9]	1.6	[0.8,3.1]	100.0
Detroit Metro (n=1,237)	1.9	[1.2,3.0]	97.5	[96.0,98.4]	0.6	[0.2,2.1]	100.0
Pearson: Uncorrected chi2(6) =	8.2813						
Design-based F(4.51, 18325.99) =	0.8865	Pr =	0.481				
Low healthcare utilizers							
Yes (n=485)	2.2	[1.0,4.5]	94.0	[91.1,95.9]	3.9	[2.4,6.0]	100.0
No (n=3,590)	1.6	[1.2,2.2]	98.0	[97.2,98.5]	0.4	[0.2,1.1]	100.0
Pearson: Uncorrected chi2(2) =	67.0700						
Design-based F(1.93, 7843.41) =	14.6762	Pr =	0.000				
High ER utilizers							
Yes (n=155)	0.4	[0.1,2.7]	99.3	[97.1,99.8]	0.3	[0.0,2.4]	100.0
No (n=3,920)	1.8	[1.3,2.4]	97.3	[96.5,97.9]	1.0	[0.6,1.5]	100.0
Pearson: Uncorrected chi2(2) =	2.7033						
Design-based F(1.99, 8099.81) =	1.9972	Pr =	0.136				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,158)	1.6	[1.0,2.8]	98.1	[96.9,98.9]	0.2	[0.1,1.0]	100.0
No chronic disease (n=2,917)	1.7	[1.2,2.4]	97.1	[96.2,97.8]	1.2	[0.7,1.9]	100.0
Pearson: Uncorrected chi2(2) =	7.1914						
Design-based F(2.00, 8122.55) =	2.6228	Pr =	0.073				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,028)	1.5	[1.0,2.3]	97.9	[96.7,98.6]	0.7	[0.2,1.9]	100.0
No MH/SA (n=2,047)	1.9	[1.3,2.8]	96.9	[95.9,97.7]	1.2	[0.8,1.8]	100.0
Pearson: Uncorrected chi2(2) =	4.1069						
Design-based F(1.80, 7311.73) =	0.9215	Pr =	0.389				
Total (n=4,075)	1.7	[1.3,2.3]	97.4	[96.6,97.9]	0.9	[0.6,1.5]	100.0

3.31.3 Discrimination due to insurance

Universe: All respondents

	Discrimination: Health insurance/ability to pay						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,595)	12.5	[10.6,14.6]	85.9	[83.6,87.9]	1.6	[1.1,2.5]	100.0
36-99% (n=1,445)	10.5	[8.8,12.5]	88.6	[86.5,90.4]	1.0	[0.5,1.7]	100.0
≥ 100% (n = 1,037)	10.8	[8.8,13.1]	87.7	[85.2,89.8]	1.5	[0.8,2.8]	100.0
Pearson: Uncorrected chi2(4) =	6.2351						
Design-based F(3.90, 15872.76) =	1.2552	Pr =	0.286				
Region							
UP/NW/NE (n=745)	10.8	[8.6,13.5]	87.1	[84.1,89.7]	2.1	[1.0,4.1]	100.0
W/E Central/E (n=1,260)	12.6	[10.6,14.8]	86.0	[83.6,88.1]	1.4	[0.9,2.4]	100.0
S Central/SW/SE (n=834)	13.9	[11.1,17.1]	83.7	[80.3,86.7]	2.4	[1.4,4.1]	100.0
Detroit Metro (n=1,238)	10.1	[8.2,12.4]	89.0	[86.7,91.0]	0.9	[0.4,1.7]	100.0
Pearson: Uncorrected chi2(6) =	19.9632						
Design-based F(5.49, 22302.21) =	2.5410	Pr =	0.022				
Low healthcare utilizers							
Yes (n=487)	8.8	[5.8,13.0]	86.4	[81.9,89.9]	4.9	[3.1,7.5]	100.0
No (n=3,590)	12.1	[10.8,13.5]	87.1	[85.7,88.4]	0.8	[0.5,1.2]	100.0
Pearson: Uncorrected chi2(2) =	65.4120						
Design-based F(1.88, 7626.36) =	17.5287	Pr =	0.000				
High ER utilizers							
Yes (n=155)	20.3	[14.0,28.6]	78.8	[70.5,85.2]	0.9	[0.2,3.6]	100.0
No (n=3,922)	11.2	[10.0,12.5]	87.4	[86.0,88.7]	1.4	[1.1,2.0]	100.0
Pearson: Uncorrected chi2(2) =	14.3836						
Design-based F(1.85, 7509.45) =	6.0349	Pr =	0.003				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,157)	13.5	[11.1,16.3]	85.4	[82.5,87.8]	1.1	[0.6,2.2]	100.0
No chronic disease (n=2,920)	10.9	[9.6,12.4]	87.6	[86.0,89.0]	1.5	[1.1,2.1]	100.0
Pearson: Uncorrected chi2(2) =	5.7617						
Design-based F(1.99, 8095.61) =	1.9603	Pr =	0.141				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,029)	14.9	[13.0,17.0]	84.1	[82.0,86.0]	1.0	[0.7,1.7]	100.0
No MH/SA (n=2,048)	8.5	[7.1,10.1]	89.7	[88.0,91.3]	1.8	[1.2,2.6]	100.0
Pearson: Uncorrected chi2(2) =	43.3607						
Design-based F(1.97, 8013.20) =	14.8210	Pr =	0.000				
Total (n=4,077)	11.6	[10.4,12.9]	87.0	[85.7,88.3]	1.4	[1.1,1.9]	100.0

3.32 Q: Would you say that your ability to get care through the Healthy Michigan Plan is better, worse, or about the same compared to before?

3.32.1 Access to primary care

Universe: All respondents

	Better		Worse		About the same		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Better/worse: primary care									
FPL category									
0-35% (n=1,597)	60.5	[57.4,63.6]	2.4	[1.6,3.5]	32.7	[29.8,35.7]	4.4	[3.1,6.3]	100.0
36-99% (n=1,448)	57.0	[53.9,60.1]	2.4	[1.6,3.5]	37.1	[34.2,40.1]	3.5	[2.5,4.9]	100.0
≥ 100% (n = 1,040)	51.8	[48.2,55.3]	2.6	[1.6,4.1]	42.5	[39.0,46.0]	3.2	[2.1,4.9]	100.0
Pearson: Uncorrected chi2(6) =	27.3262								
Design-based F(5.72, 23313.30) =	3.0876	Pr =	0.006						
Region									
UP/NW/NE (n=746)	55.5	[51.4,59.6]	2.0	[1.1,3.4]	39.1	[35.2,43.2]	3.4	[2.2,5.0]	100.0
W/E Central/E (n=1,264)	57.9	[54.7,61.0]	2.6	[1.7,3.9]	35.5	[32.6,38.7]	4.0	[2.8,5.8]	100.0
S Central/SW/SE (n=835)	57.3	[53.2,61.3]	2.7	[1.7,4.2]	36.1	[32.3,40.1]	4.0	[2.3,6.8]	100.0
Detroit Metro (n=1,240)	58.4	[54.9,61.8]	2.3	[1.4,3.6]	35.3	[32.1,38.7]	4.0	[2.7,5.8]	100.0
Pearson: Uncorrected chi2(9) =	2.8729								
Design-based F(7.45, 30326.43) =	0.2229	Pr =	0.984						
Low healthcare utilizers									
Yes (n=490)	46.8	[41.0,52.7]	4.1	[2.3,7.0]	35.5	[30.3,41.1]	13.6	[10.0,18.3]	100.0
No (n=3,595)	59.8	[57.7,61.8]	2.1	[1.6,2.8]	35.9	[34.0,38.0]	2.2	[1.5,3.1]	100.0
Pearson: Uncorrected chi2(3) =	200.6082								
Design-based F(2.98, 12118.43) =	31.7011	Pr =	0.000						
High ER utilizers									
Yes (n=156)	60.2	[49.4,70.2]	2.5	[1.1,5.7]	32.0	[22.6,43.2]	5.2	[1.7,15.0]	100.0
No (n=3,929)	57.7	[55.7,59.7]	2.4	[1.9,3.1]	36.1	[34.2,38.0]	3.9	[3.0,4.9]	100.0
Pearson: Uncorrected chi2(3) =	1.8151								
Design-based F(2.49, 10144.34) =	0.2905	Pr =	0.795						
Chronic disease (HEDIS)									
Chronic disease (HEDIS) (n=1,161)	61.4	[57.7,64.9]	1.6	[0.9,2.8]	35.3	[31.9,38.8]	1.7	[0.7,4.0]	100.0
No chronic disease (n=2,924)	56.6	[54.3,58.9]	2.7	[2.0,3.5]	36.1	[33.9,38.3]	4.7	[3.7,5.9]	100.0
Pearson: Uncorrected chi2(3) =	23.6101								
Design-based F(2.55, 10372.00) =	3.8206	Pr =	0.014						
Mental health/substance use disorder (HEDIS)									
MH/SA (HEDIS) (n=2,032)	62.9	[60.2,65.6]	2.2	[1.5,3.1]	32.3	[29.7,35.0]	2.6	[1.7,4.0]	100.0
No MH/SA (n=2,053)	53.0	[50.2,55.8]	2.6	[1.9,3.7]	39.2	[36.6,42.0]	5.1	[3.9,6.8]	100.0
Pearson: Uncorrected chi2(3) =	48.6635								
Design-based F(2.88, 11744.74) =	8.6587	Pr =	0.000						
Total (n=4,085)	57.8	[55.8,59.7]	2.4	[1.9,3.1]	35.9	[34.0,37.8]	3.9	[3.1,4.9]	100.0

3.32.2 Access to specialty care

Universe: All respondents

	Better/worse: specialist care								
	Better		Worse		About the same		Don't know		Total
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%
FPL category									
0-35% (n=1,597)	45.2	[42.2,48.3]	4.3	[3.3,5.7]	22.1	[19.6,24.8]	28.4	[25.5,31.4]	100.0
36-99% (n=1,448)	44.2	[41.2,47.3]	4.0	[3.0,5.3]	22.6	[20.0,25.4]	29.2	[26.4,32.2]	100.0
≥ 100% (n = 1,040)	42.6	[39.1,46.1]	4.4	[3.2,6.0]	23.9	[21.0,27.1]	29.1	[25.8,32.5]	100.0
Pearson: Uncorrected chi2(6) =	2.3365								
Design-based F(5.75, 23421.88) =	0.2912		Pr =	0.936					
Region									
UP/NW/NE (n=746)	44.7	[40.7,48.8]	3.9	[2.7,5.8]	22.6	[19.2,26.3]	28.8	[25.2,32.7]	100.0
W/E Central/E (n=1,264)	45.3	[42.1,48.4]	4.3	[3.2,5.7]	22.3	[19.7,25.1]	28.1	[25.3,31.2]	100.0
S Central/SW/SE (n=835)	45.0	[41.0,49.1]	4.4	[3.1,6.2]	22.8	[19.5,26.6]	27.8	[24.2,31.7]	100.0
Detroit Metro (n=1,240)	43.6	[40.2,47.0]	4.2	[3.0,5.8]	22.7	[20.0,25.7]	29.5	[26.3,33.0]	100.0
Pearson: Uncorrected chi2(9) =	1.5509								
Design-based F(8.00, 32572.55) =	0.1377		Pr =	0.998					
Low healthcare utilizers									
Yes (n=490)	27.7	[22.6,33.4]	2.2	[1.1,4.1]	24.5	[20.1,29.6]	45.6	[39.9,51.5]	100.0
No (n=3,595)	47.4	[45.4,49.5]	4.6	[3.8,5.5]	22.3	[20.6,24.0]	25.7	[23.9,27.6]	100.0
Pearson: Uncorrected chi2(3) =	127.9212								
Design-based F(2.92, 11903.84) =	22.2440		Pr =	0.000					
High ER utilizers									
Yes (n=156)	56.3	[46.1,65.9]	5.9	[2.8,12.0]	18.5	[12.4,26.8]	19.3	[12.0,29.6]	100.0
No (n=3,929)	43.9	[41.9,45.9]	4.2	[3.5,5.0]	22.8	[21.1,24.5]	29.2	[27.3,31.1]	100.0
Pearson: Uncorrected chi2(3) =	14.4127								
Design-based F(2.90, 11807.87) =	2.6107		Pr =	0.052					
Chronic disease (HEDIS)									
Chronic disease (HEDIS) (n=1,161)	52.4	[48.8,56.0]	4.0	[2.8,5.5]	23.0	[20.1,26.3]	20.6	[17.8,23.8]	100.0
No chronic disease (n=2,924)	41.7	[39.5,44.0]	4.3	[3.5,5.3]	22.5	[20.6,24.4]	31.5	[29.3,33.8]	100.0
Pearson: Uncorrected chi2(3) =	51.4145								
Design-based F(2.99, 12168.72) =	11.7546		Pr =	0.000					
Mental health/substance use disorder (HEDIS)									
MH/SA (HEDIS) (n=2,032)	51.1	[48.4,53.9]	5.2	[4.1,6.6]	21.6	[19.4,24.0]	22.0	[19.7,24.5]	100.0
No MH/SA (n=2,053)	38.2	[35.5,40.9]	3.3	[2.5,4.4]	23.5	[21.2,26.0]	35.0	[32.3,37.8]	100.0
Pearson: Uncorrected chi2(3) =	108.4091								
Design-based F(2.98, 12146.51) =	22.5981		Pr =	0.000					
Total (n=4,085)	44.4	[42.5,46.4]	4.2	[3.5,5.1]	22.6	[21.0,24.3]	28.7	[26.9,30.6]	100.0

3.32.3 Access to dental care

Universe: All respondents

	Better/worse: dental care								
	Better		Worse		About the same		Don't know		Total
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%
FPL category									
0-35% (n=1,596)	46.8	[43.7,49.9]	5.3	[4.1,7.0]	28.2	[25.4,31.2]	19.7	[17.3,22.2]	100.0
36-99% (n=1,448)	46.3	[43.2,49.4]	6.8	[5.4,8.7]	29.6	[26.7,32.6]	17.3	[15.0,19.8]	100.0
≥ 100% (n = 1,040)	43.6	[40.2,47.2]	7.8	[6.0,10.1]	32.1	[28.8,35.5]	16.5	[14.0,19.3]	100.0
Pearson: Uncorrected chi2(6) =	15.0498								
Design-based F(5.78, 23553.26) =	1.7671	Pr =	0.104						
Region									
UP/NW/NE (n=746)	48.8	[44.7,52.9]	6.5	[4.9,8.5]	28.0	[24.3,32.0]	16.8	[14.1,19.8]	100.0
W/E Central/E (n=1,263)	47.3	[44.2,50.5]	5.9	[4.4,7.8]	28.1	[25.3,31.1]	18.6	[16.2,21.3]	100.0
S Central/SW/SE (n=835)	45.4	[41.4,49.5]	5.8	[4.2,8.0]	27.9	[24.1,31.9]	20.9	[17.9,24.3]	100.0
Detroit Metro (n=1,240)	44.9	[41.5,48.4]	6.6	[5.1,8.5]	31.0	[27.9,34.4]	17.4	[14.9,20.3]	100.0
Pearson: Uncorrected chi2(9) =	9.6776								
Design-based F(7.90, 32186.72) =	0.8398	Pr =	0.566						
Low healthcare utilizers									
Yes (n=490)	39.9	[34.4,45.7]	6.2	[4.1,9.2]	33.1	[27.8,38.9]	20.8	[16.4,26.1]	100.0
No (n=3,594)	47.2	[45.1,49.2]	6.3	[5.3,7.4]	28.7	[26.8,30.6]	17.9	[16.4,19.5]	100.0
Pearson: Uncorrected chi2(3) =	12.0255								
Design-based F(2.97, 12088.70) =	1.9851	Pr =	0.115						
High ER utilizers									
Yes (n=156)	54.1	[44.1,63.9]	3.7	[1.9,7.3]	26.4	[18.2,36.8]	15.7	[10.3,23.2]	100.0
No (n=3,928)	45.7	[43.7,47.7]	6.4	[5.4,7.4]	29.5	[27.6,31.4]	18.5	[17.0,20.1]	100.0
Pearson: Uncorrected chi2(3) =	5.8494								
Design-based F(2.69, 10939.29) =	1.2981	Pr =	0.274						
Chronic disease (HEDIS)									
Chronic disease (HEDIS) (n=1,161)	44.4	[40.9,48.0]	5.5	[3.9,7.7]	28.1	[25.0,31.5]	22.0	[19.1,25.1]	100.0
No chronic disease (n=2,923)	46.6	[44.3,48.9]	6.5	[5.5,7.7]	29.8	[27.6,32.0]	17.1	[15.4,19.0]	100.0
Pearson: Uncorrected chi2(3) =	12.6484								
Design-based F(2.98, 12138.54) =	2.6748	Pr =	0.046						
Mental health/substance use disorder (HEDIS)									
MH/SA (HEDIS) (n=2,032)	48.5	[45.7,51.2]	6.2	[5.0,7.7]	27.2	[24.7,29.8]	18.1	[16.1,20.3]	100.0
No MH/SA (n=2,052)	43.8	[41.0,46.6]	6.3	[5.0,7.8]	31.3	[28.8,34.0]	18.6	[16.5,20.9]	100.0
Pearson: Uncorrected chi2(3) =	10.8740								
Design-based F(3.00, 12207.99) =	2.1720	Pr =	0.089						
Total (n=4,084)	46.1	[44.1,48.0]	6.2	[5.4,7.3]	29.3	[27.5,31.2]	18.4	[16.9,19.9]	100.0

3.32.4 Access to mental health care

Universe: All respondents

	Better/worse: mental health care									
	Better		Worse		About the same		Don't know		Total	
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	
FPL category										
0-35% (n=1,597)	30.8	[28.0,33.7]	3.3	[2.4,4.5]	24.3	[21.6,27.2]	41.7	[38.6,44.7]	100.0	
36-99% (n=1,447)	25.9	[23.2,28.7]	1.7	[1.1,2.8]	21.6	[19.1,24.3]	50.8	[47.7,53.9]	100.0	
≥ 100% (n = 1,040)	21.3	[18.5,24.4]	1.4	[0.9,2.3]	23.1	[20.2,26.3]	54.2	[50.6,57.7]	100.0	
Pearson: Uncorrected chi2(6) =	60.4309									
Design-based F(5.69, 23152.70) =	7.7744		Pr =	0.000						
Region										
UP/NW/NE (n=746)	23.6	[20.3,27.3]	2.5	[1.5,4.1]	27.7	[24.1,31.6]	46.2	[42.2,50.3]	100.0	
W/E Central/E (n=1,263)	28.2	[25.5,31.2]	2.3	[1.4,3.5]	22.1	[19.5,24.9]	47.4	[44.3,50.6]	100.0	
S Central/SW/SE (n=835)	30.4	[26.8,34.2]	2.8	[1.8,4.4]	24.1	[20.5,28.1]	42.7	[38.7,46.8]	100.0	
Detroit Metro (n=1,240)	26.6	[23.6,29.9]	2.4	[1.6,3.8]	22.8	[19.9,26.0]	48.1	[44.7,51.6]	100.0	
Pearson: Uncorrected chi2(9) =	13.2713									
Design-based F(7.92, 32251.56) =	1.1410		Pr =	0.332						
Low healthcare utilizers										
Yes (n=490)	24.2	[19.4,29.6]	1.6	[0.7,3.8]	28.2	[23.0,34.0]	46.1	[40.4,51.9]	100.0	
No (n=3,594)	28.1	[26.3,30.0]	2.6	[2.0,3.4]	22.4	[20.7,24.2]	46.9	[44.8,48.9]	100.0	
Pearson: Uncorrected chi2(3) =	13.1065									
Design-based F(2.99, 12158.38) =	2.0583		Pr =	0.104						
High ER utilizers										
Yes (n=156)	41.0	[31.6,51.1]	3.2	[1.3,7.4]	20.6	[14.2,28.9]	35.3	[25.9,46.0]	100.0	
No (n=3,928)	26.9	[25.1,28.7]	2.4	[1.9,3.1]	23.4	[21.7,25.2]	47.3	[45.3,49.3]	100.0	
Pearson: Uncorrected chi2(3) =	18.7539									
Design-based F(2.83, 11517.18) =	3.8587		Pr =	0.010						
Chronic disease (HEDIS)										
Chronic disease (HEDIS) (n=1,161)	26.1	[23.1,29.3]	2.2	[1.4,3.4]	23.3	[20.3,26.6]	48.5	[44.9,52.1]	100.0	
No chronic disease (n=2,923)	28.0	[25.9,30.2]	2.6	[1.9,3.4]	23.3	[21.3,25.4]	46.2	[43.9,48.5]	100.0	
Pearson: Uncorrected chi2(3) =	2.3696									
Design-based F(2.98, 12145.29) =	0.5490		Pr =	0.648						
Mental health/substance use disorder (HEDIS)										
MH/SA (HEDIS) (n=2,031)	39.1	[36.5,41.8]	4.0	[3.0,5.2]	24.5	[22.1,27.0]	32.5	[30.0,35.1]	100.0	
No MH/SA (n=2,053)	16.7	[14.5,19.1]	1.1	[0.6,1.8]	22.2	[19.8,24.7]	60.1	[57.2,62.8]	100.0	
Pearson: Uncorrected chi2(3) =	389.1020									
Design-based F(2.99, 12184.38) =	73.6091		Pr =	0.000						
Total (n=4,084)	27.5	[25.8,29.3]	2.5	[1.9,3.2]	23.3	[21.6,25.0]	46.7	[44.8,48.7]	100.0	

3.32.5 Access to substance use treatment services

Universe: All respondents

	Better/worse: substance use treatment								
	Better		Worse		About the same		Don't know		Total
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%
FPL category									
0-35% (n=1,596)	13.0	[11.0,15.4]	0.2	[0.1,0.6]	10.9	[9.0,13.2]	75.8	[72.9,78.5]	100.0
36-99% (n=1,448)	6.6	[5.3,8.2]	0.2	[0.1,0.7]	7.0	[5.5,8.9]	86.2	[83.9,88.2]	100.0
≥ 100% (n = 1,039)	5.7	[4.2,7.8]	0.2	[0.0,1.1]	8.3	[6.5,10.6]	85.8	[83.0,88.2]	100.0
Pearson: Uncorrected chi2(6) =	75.2415								
Design-based F(5.80, 23627.54) =	9.5893		Pr =	0.000					
Region									
UP/NW/NE (n=746)	7.0	[5.2,9.2]	0.1	[0.0,0.6]	9.3	[7.1,12.1]	83.6	[80.3,86.4]	100.0
W/E Central/E (n=1,263)	10.8	[8.8,13.1]	0.6	[0.2,1.4]	8.0	[6.4,10.1]	80.6	[77.8,83.2]	100.0
S Central/SW/SE (n=835)	10.0	[7.5,13.0]	0.2	[0.0,0.9]	9.7	[7.4,12.6]	80.1	[76.4,83.4]	100.0
Detroit Metro (n=1,239)	9.6	[7.6,12.0]	0.0		10.0	[7.9,12.5]	80.4	[77.3,83.2]	100.0
Pearson: Uncorrected chi2(9) =	18.2100								
Design-based F(7.32, 29781.49) =	1.6335		Pr =	0.117					
Low healthcare utilizers									
Yes (n=490)	15.1	[11.0,20.4]	0.2	[0.0,1.7]	14.6	[10.6,19.8]	70.0	[64.0,75.4]	100.0
No (n=3,593)	8.8	[7.7,10.1]	0.2	[0.1,0.5]	8.4	[7.2,9.7]	82.6	[80.9,84.2]	100.0
Pearson: Uncorrected chi2(3) =	54.2015								
Design-based F(2.85, 11596.22) =	8.5143		Pr =	0.000					
High ER utilizers									
Yes (n=156)	20.6	[13.3,30.5]	0.0		10.6	[5.0,21.2]	68.8	[57.9,77.9]	100.0
No (n=3,927)	9.3	[8.1,10.6]	0.2	[0.1,0.5]	9.2	[8.1,10.6]	81.3	[79.6,82.9]	100.0
Pearson: Uncorrected chi2(3) =	26.9392								
Design-based F(2.69, 10968.16) =	4.3393		Pr =	0.006					
Chronic disease (HEDIS)									
Chronic disease (HEDIS) (n=1,161)	8.4	[6.7,10.6]	0.3	[0.1,1.0]	7.8	[6.2,9.9]	83.4	[80.7,85.8]	100.0
No chronic disease (n=2,922)	10.2	[8.8,11.9]	0.2	[0.1,0.4]	9.8	[8.4,11.5]	79.8	[77.7,81.8]	100.0
Pearson: Uncorrected chi2(3) =	7.8338								
Design-based F(2.97, 12109.73) =	1.9101		Pr =	0.126					
Mental health/substance use disorder (HEDIS)									
MH/SA (HEDIS) (n=2,032)	13.9	[12.0,16.0]	0.2	[0.1,0.6]	9.3	[7.6,11.3]	76.6	[74.0,79.0]	100.0
No MH/SA (n=2,051)	5.9	[4.6,7.6]	0.2	[0.1,0.6]	9.3	[7.8,11.2]	84.6	[82.3,86.6]	100.0
Pearson: Uncorrected chi2(3) =	74.5671								
Design-based F(2.86, 11646.94) =	14.2016		Pr =	0.000					
Total (n=4,083)	9.8	[8.6,11.1]	0.2	[0.1,0.4]	9.3	[8.1,10.6]	80.7	[79.0,82.3]	100.0

3.32.6 Access to prescription medications

Universe: All respondents

	Better/worse: prescription meds									
	Better		Worse		About the same		Don't know		Total	
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	
FPL category										
0-35% (n=1,597)	60.2	[57.0,63.2]	3.1	[2.2,4.4]	25.9	[23.2,28.8]	10.8	[9.0,12.9]	100.0	
36-99% (n=1,448)	59.5	[56.4,62.5]	3.0	[2.1,4.3]	25.2	[22.6,28.0]	12.3	[10.3,14.5]	100.0	
≥ 100% (n = 1,040)	56.8	[53.2,60.3]	3.2	[2.1,4.9]	26.9	[23.9,30.3]	13.0	[10.7,15.7]	100.0	
Pearson: Uncorrected chi2(6) =	4.6962									
Design-based F(5.82, 23720.99) =	0.5536		Pr =	0.762						
Region										
UP/NW/NE (n=746)	56.6	[52.4,60.7]	4.6	[3.0,6.9]	24.8	[21.3,28.5]	14.0	[11.2,17.5]	100.0	
W/E Central/E (n=1,264)	61.2	[58.0,64.3]	2.8	[2.0,4.1]	24.7	[21.9,27.6]	11.3	[9.4,13.6]	100.0	
S Central/SW/SE (n=835)	59.1	[55.0,63.2]	3.2	[2.1,4.8]	26.1	[22.7,29.9]	11.5	[8.9,14.8]	100.0	
Detroit Metro (n=1,240)	58.7	[55.2,62.1]	2.9	[1.9,4.5]	26.9	[23.9,30.2]	11.4	[9.5,13.7]	100.0	
Pearson: Uncorrected chi2(9) =	8.0187									
Design-based F(8.14, 33137.09) =	0.6682		Pr =	0.723						
Low healthcare utilizers										
Yes (n=490)	39.1	[33.5,45.0]	1.5	[0.7,3.1]	26.8	[21.9,32.4]	32.6	[27.5,38.1]	100.0	
No (n=3,595)	63.0	[60.9,65.0]	3.4	[2.7,4.3]	25.8	[24.0,27.7]	7.9	[6.9,9.0]	100.0	
Pearson: Uncorrected chi2(3) =	335.3246									
Design-based F(2.88, 11718.26) =	61.6022		Pr =	0.000						
High ER utilizers										
Yes (n=156)	72.9	[63.5,80.6]	3.3	[1.3,8.1]	17.1	[11.2,25.2]	6.7	[3.0,14.6]	100.0	
No (n=3,929)	58.7	[56.7,60.7]	3.1	[2.5,3.9]	26.3	[24.6,28.2]	11.9	[10.6,13.2]	100.0	
Pearson: Uncorrected chi2(3) =	15.4558									
Design-based F(2.89, 11764.92) =	3.0031		Pr =	0.031						
Chronic disease (HEDIS)										
Chronic disease (HEDIS) (n=1,161)	66.9	[63.4,70.3]	4.9	[3.3,7.1]	24.9	[21.8,28.2]	3.3	[2.3,4.8]	100.0	
No chronic disease (n=2,924)	56.8	[54.4,59.1]	2.5	[1.9,3.3]	26.3	[24.2,28.4]	14.4	[12.9,16.1]	100.0	
Pearson: Uncorrected chi2(3) =	109.5390									
Design-based F(2.97, 12080.94) =	23.7830		Pr =	0.000						
Mental health/substance use disorder (HEDIS)										
MH/SA (HEDIS) (n=2,032)	66.1	[63.4,68.7]	3.8	[2.9,5.0]	24.2	[21.8,26.7]	5.9	[4.7,7.3]	100.0	
No MH/SA (n=2,053)	53.0	[50.2,55.8]	2.4	[1.7,3.5]	27.6	[25.1,30.2]	17.0	[15.0,19.2]	100.0	
Pearson: Uncorrected chi2(3) =	148.3825									
Design-based F(3.00, 12202.38) =	29.6408		Pr =	0.000						
Total (n=4,085)	59.3	[57.4,61.3]	3.1	[2.5,3.9]	25.9	[24.2,27.7]	11.6	[10.4,13.0]	100.0	

3.32.7 Access to cancer screenings

Universe: All respondents

	Better/worse: cancer screening								
	Better		Worse		About the same		Don't know		Total
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%
FPL category									
0-35% (n=1,597)	25.6	[23.1,28.3]	0.6	[0.3,1.4]	14.4	[12.4,16.7]	59.3	[56.3,62.3]	100.0
36-99% (n=1,447)	26.8	[24.2,29.6]	0.7	[0.4,1.3]	15.2	[12.9,17.8]	57.3	[54.1,60.3]	100.0
≥ 100% (n = 1,040)	24.6	[21.7,27.6]	0.3	[0.1,0.8]	16.3	[14.0,19.0]	58.8	[55.3,62.2]	100.0
Pearson: Uncorrected chi2(6) =	4.3800								
Design-based F(5.51, 22447.73) =	0.5979		Pr =	0.718					
Region									
UP/NW/NE (n=745)	22.8	[19.7,26.3]	1.2	[0.6,2.4]	15.3	[12.7,18.4]	60.7	[56.7,64.5]	100.0
W/E Central/E (n=1,264)	26.0	[23.4,28.8]	0.5	[0.2,1.2]	13.6	[11.5,15.9]	59.9	[56.7,62.9]	100.0
S Central/SW/SE (n=835)	24.4	[21.1,28.1]	0.4	[0.1,1.3]	12.9	[10.6,15.7]	62.3	[58.3,66.1]	100.0
Detroit Metro (n=1,240)	26.7	[23.9,29.8]	0.6	[0.2,1.5]	16.8	[14.4,19.5]	55.9	[52.4,59.3]	100.0
Pearson: Uncorrected chi2(9) =	17.2725								
Design-based F(8.01, 32625.36) =	1.6029		Pr =	0.118					
Low healthcare utilizers									
Yes (n=490)	18.5	[14.2,23.7]	0.0	[0.0,0.3]	14.5	[10.7,19.4]	67.0	[61.1,72.4]	100.0
No (n=3,594)	27.1	[25.3,28.9]	0.7	[0.4,1.1]	15.1	[13.7,16.6]	57.1	[55.1,59.2]	100.0
Pearson: Uncorrected chi2(3) =	27.7656								
Design-based F(2.25, 9143.28) =	5.6906		Pr =	0.002					
High ER utilizers									
Yes (n=156)	20.2	[14.1,28.1]	1.8	[0.2,11.3]	10.4	[6.5,16.3]	67.7	[58.5,75.6]	100.0
No (n=3,928)	26.0	[24.3,27.8]	0.5	[0.3,0.9]	15.2	[13.8,16.7]	58.2	[56.2,60.2]	100.0
Pearson: Uncorrected chi2(3) =	11.8637								
Design-based F(2.57, 10452.11) =	2.1267		Pr =	0.105					
Chronic disease (HEDIS)									
Chronic disease (HEDIS) (n=1,160)	29.0	[26.0,32.3]	0.8	[0.3,1.9]	17.1	[14.6,19.8]	53.1	[49.6,56.7]	100.0
No chronic disease (n=2,924)	24.6	[22.7,26.7]	0.5	[0.3,1.0]	14.3	[12.7,16.1]	60.5	[58.2,62.7]	100.0
Pearson: Uncorrected chi2(3) =	17.4330								
Design-based F(2.98, 12126.89) =	3.8869		Pr =	0.009					
Mental health/substance use disorder (HEDIS)									
MH/SA (HEDIS) (n=2,031)	27.5	[25.1,29.9]	1.1	[0.6,1.9]	15.0	[13.1,17.2]	56.4	[53.6,59.1]	100.0
No MH/SA (n=2,053)	24.2	[21.9,26.6]	0.1	[0.1,0.3]	15.0	[13.1,17.0]	60.7	[58.0,63.4]	100.0
Pearson: Uncorrected chi2(3) =	24.0160								
Design-based F(2.68, 10905.27) =	6.2227		Pr =	0.001					
Total (n=4,084)	25.7	[24.1,27.5]	0.6	[0.4,1.0]	15.0	[13.7,16.5]	58.6	[56.7,60.5]	100.0

3.32.8 Access to preventive care

Universe: All respondents

	Better/worse: prevention								
	Better		Worse		About the same		Don't know		Total
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%
FPL category									
0-35% (n=1,597)	53.9	[50.8,57.0]	1.2	[0.7,1.9]	30.4	[27.6,33.4]	14.5	[12.4,16.9]	100.0
36-99% (n=1,447)	50.8	[47.7,53.9]	1.2	[0.7,1.9]	33.7	[30.9,36.7]	14.3	[12.3,16.6]	100.0
≥ 100% (n = 1,040)	48.6	[45.0,52.1]	0.6	[0.3,1.4]	36.0	[32.7,39.5]	14.8	[12.3,17.7]	100.0
Pearson: Uncorrected chi2(6) =	12.0421								
Design-based F(5.73, 23322.70) =	1.5689	Pr =	0.155						
Region									
UP/NW/NE (n=746)	50.3	[46.2,54.4]	1.8	[1.0,3.2]	34.3	[30.4,38.3]	13.7	[11.0,16.9]	100.0
W/E Central/E (n=1,264)	50.4	[47.2,53.6]	1.3	[0.7,2.1]	33.4	[30.4,36.5]	14.9	[12.7,17.5]	100.0
S Central/SW/SE (n=834)	50.6	[46.4,54.7]	1.1	[0.5,2.1]	32.8	[29.2,36.7]	15.6	[12.9,18.6]	100.0
Detroit Metro (n=1,240)	53.9	[50.4,57.4]	0.8	[0.4,1.6]	31.4	[28.2,34.7]	14.0	[11.7,16.6]	100.0
Pearson: Uncorrected chi2(9) =	8.3536								
Design-based F(8.02, 32640.02) =	0.7586	Pr =	0.640						
Low healthcare utilizers									
Yes (n=490)	40.3	[34.6,46.3]	0.6	[0.2,1.5]	34.2	[29.0,39.8]	24.9	[20.4,30.1]	100.0
No (n=3,594)	54.1	[52.0,56.1]	1.1	[0.8,1.6]	32.2	[30.3,34.1]	12.6	[11.3,14.1]	100.0
Pearson: Uncorrected chi2(3) =	76.4168								
Design-based F(2.65, 10782.59) =	15.4800	Pr =	0.000						
High ER utilizers									
Yes (n=156)	60.8	[50.1,70.5]	2.9	[0.8,10.1]	20.0	[12.7,30.2]	16.3	[9.6,26.4]	100.0
No (n=3,928)	51.6	[49.5,53.6]	1.0	[0.7,1.3]	33.1	[31.2,35.0]	14.4	[13.1,15.9]	100.0
Pearson: Uncorrected chi2(3) =	18.0928								
Design-based F(2.99, 12161.41) =	2.7020	Pr =	0.044						
Chronic disease (HEDIS)									
Chronic disease (HEDIS) (n=1,161)	59.2	[55.6,62.7]	1.3	[0.6,2.5]	30.9	[27.7,34.3]	8.6	[6.8,10.9]	100.0
No chronic disease (n=2,923)	49.5	[47.2,51.9]	1.0	[0.7,1.4]	33.0	[30.8,35.2]	16.5	[14.8,18.3]	100.0
Pearson: Uncorrected chi2(3) =	48.3969								
Design-based F(3.00, 12206.76) =	11.0230	Pr =	0.000						
Mental health/substance use disorder (HEDIS)									
MH/SA (HEDIS) (n=2,031)	55.9	[53.1,58.6]	1.7	[1.2,2.5]	30.9	[28.3,33.5]	11.6	[9.8,13.5]	100.0
No MH/SA (n=2,053)	48.3	[45.5,51.1]	0.4	[0.2,0.8]	34.0	[31.4,36.6]	17.3	[15.3,19.5]	100.0
Pearson: Uncorrected chi2(3) =	52.7650								
Design-based F(2.87, 11699.53) =	11.9614	Pr =	0.000						
Total (n=4,084)	52.0	[50.0,53.9]	1.1	[0.8,1.5]	32.5	[30.7,34.3]	14.5	[13.2,16.0]	100.0

3.32.9 Access to birth control/family planning services

Universe: All respondents

	Better/worse: birth control/family planning								
	Better		Worse		About the same		Don't know		Total
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%
FPL category									
0-35% (n=1,595)	15.1	[12.8,17.7]	0.6	[0.3,1.2]	10.3	[8.4,12.5]	74.1	[71.1,76.9]	100.0
36-99% (n=1,448)	17.1	[14.8,19.8]	0.2	[0.1,0.6]	14.2	[12.2,16.6]	68.4	[65.4,71.3]	100.0
≥ 100%(n = 1,039)	17.3	[14.7,20.3]	0.6	[0.3,1.6]	15.4	[12.9,18.2]	66.7	[63.2,70.0]	100.0
Pearson: Uncorrected chi2(6) =	28.5656								
Design-based F(5.61, 22832.27) =	3.3966		Pr =	0.003					
Region									
UP/NW/NE (n=746)	13.8	[11.1,17.1]	0.9	[0.3,2.7]	12.9	[10.4,16.1]	72.3	[68.4,76.0]	100.0
W/E Central/E (n=1,263)	14.9	[12.8,17.4]	0.5	[0.2,1.3]	11.4	[9.5,13.7]	73.1	[70.2,75.9]	100.0
S Central/SW/SE (n=835)	16.7	[13.4,20.5]	0.4	[0.1,1.4]	12.7	[10.2,15.7]	70.3	[66.1,74.1]	100.0
Detroit Metro (n=1,238)	17.1	[14.6,20.0]	0.4	[0.1,1.1]	12.8	[10.6,15.4]	69.7	[66.3,72.9]	100.0
Pearson: Uncorrected chi2(9) =	8.1213								
Design-based F(8.24, 33543.41) =	0.6474		Pr =	0.743					
Low healthcare utilizers									
Yes (n=490)	17.8	[13.2,23.5]	0.4	[0.1,1.7]	14.4	[10.7,19.2]	67.4	[61.4,73.0]	100.0
No (n=3,592)	15.8	[14.3,17.4]	0.5	[0.3,0.9]	12.0	[10.7,13.5]	71.7	[69.7,73.5]	100.0
Pearson: Uncorrected chi2(3) =	5.0232								
Design-based F(2.79, 11372.01) =	0.8037		Pr =	0.484					
High ER utilizers									
Yes (n=156)	27.5	[19.3,37.5]	2.5	[0.6,10.4]	13.5	[8.0,21.8]	56.6	[46.4,66.2]	100.0
No (n=3,926)	15.6	[14.1,17.2]	0.4	[0.2,0.7]	12.4	[11.1,13.8]	71.7	[69.8,73.5]	100.0
Pearson: Uncorrected chi2(3) =	37.5599								
Design-based F(2.97, 12107.04) =	6.1566		Pr =	0.000					
Chronic disease (HEDIS)									
Chronic disease (HEDIS) (n=1,160)	9.1	[7.2,11.5]	0.4	[0.1,1.9]	8.6	[6.8,10.9]	81.9	[78.9,84.6]	100.0
No chronic disease (n=2,922)	18.5	[16.6,20.4]	0.5	[0.3,0.9]	13.7	[12.1,15.4]	67.4	[65.1,69.6]	100.0
Pearson: Uncorrected chi2(3) =	80.9489								
Design-based F(2.86, 11620.15) =	14.9957		Pr =	0.000					
Mental health/substance use disorder (HEDIS)									
MH/SA (HEDIS) (n=2,030)	16.0	[14.0,18.2]	0.6	[0.2,1.2]	11.2	[9.6,13.2]	72.2	[69.6,74.7]	100.0
No MH/SA (n=2,052)	16.2	[14.1,18.6]	0.4	[0.2,0.8]	13.5	[11.7,15.5]	69.9	[67.2,72.5]	100.0
Pearson: Uncorrected chi2(3) =	5.5575								
Design-based F(2.97, 12105.56) =	1.1104		Pr =	0.343					
Total (n=4,082)	16.1	[14.6,17.7]	0.5	[0.3,0.8]	12.4	[11.1,13.8]	71.0	[69.1,72.8]	100.0

3.33 Q: The amount I might have to pay for my prescription influences my decisions about filling prescriptions.

Universe: All respondents

	HMP: prescription price impacts decision to fill												Total Row%
	Strongly agree		Agree		Neutral		Disagree		Strongly disagree		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category													
0-35% (n=1,597)	16.7	[14.5,19.2]	43.1	[40.0,46.2]	6.8	[5.4,8.4]	27.5	[24.8,30.3]	3.6	[2.7,4.9]	2.4	[1.6,3.5]	100.0
36-99% (n=1,448)	16.1	[13.9,18.5]	43.4	[40.3,46.5]	7.0	[5.4,8.9]	27.1	[24.4,30.0]	3.6	[2.6,4.9]	2.9	[2.0,4.2]	100.0
≥ 100% (n = 1, 039)	12.3	[10.2,14.9]	43.2	[39.7,46.8]	7.5	[5.8,9.5]	30.5	[27.3,33.9]	2.9	[2.1,4.1]	3.6	[2.5,5.1]	100.0
Pearson: Uncorrected chi2(10) =	14.4814												
Design-based F(9.56, 38934.97) =	1.0996		Pr =	0.358									
Region													
UP/NW/NE (n=745)	16.1	[13.3,19.4]	41.4	[37.4,45.5]	7.5	[5.6,9.9]	27.9	[24.4,31.7]	3.5	[2.3,5.5]	3.5	[2.3,5.5]	100.0
W/E Central/E (n=1,263)	16.2	[13.9,18.9]	41.0	[37.9,44.2]	7.4	[5.9,9.4]	29.3	[26.5,32.4]	3.3	[2.4,4.5]	2.7	[1.9,3.9]	100.0
S Central/SW/SE (n=836)	16.7	[13.9,20.0]	42.4	[38.3,46.5]	7.3	[5.4,9.8]	26.8	[23.5,30.4]	3.5	[2.3,5.2]	3.3	[1.8,6.1]	100.0
Detroit Metro (n=1,240)	14.8	[12.4,17.4]	45.3	[41.8,48.8]	6.4	[4.9,8.2]	27.6	[24.6,30.8]	3.6	[2.6,5.0]	2.4	[1.7,3.4]	100.0
Pearson: Uncorrected chi2(15) =	10.8949												
Design-based F(13.14, 53505.34) =	0.5665		Pr =	0.884									
Low healthcare utilizers													
Yes (n=490)	14.1	[10.4,18.9]	47.8	[42.0,53.7]	7.0	[4.8,10.1]	24.5	[20.1,29.6]	2.1	[1.2,3.7]	4.4	[2.4,7.9]	100.0
No (n=3,594)	15.9	[14.5,17.5]	42.3	[40.3,44.4]	6.9	[6.0,8.1]	28.6	[26.8,30.5]	3.7	[3.0,4.6]	2.5	[2.0,3.1]	100.0
Pearson: Uncorrected chi2(5) =	18.6982												
Design-based F(4.72, 19237.35) =	2.0037		Pr =	0.079									
High ER utilizers													
Yes (n=156)	11.8	[7.3,18.7]	46.6	[36.8,56.7]	1.7	[0.6,4.6]	34.7	[25.6,45.2]	2.4	[0.7,7.4]	2.7	[1.2,6.2]	100.0
No (n=3,928)	15.8	[14.4,17.4]	43.0	[41.0,45.0]	7.2	[6.2,8.3]	27.7	[25.9,29.5]	3.5	[2.9,4.3]	2.8	[2.2,3.5]	100.0
Pearson: Uncorrected chi2(5) =	13.4130												
Design-based F(4.51, 18350.02) =	1.9662		Pr =	0.088									
Chronic disease (HEDIS)													
Chronic disease (HEDIS) (n=1,158)	15.6	[13.2,18.4]	43.7	[40.2,47.3]	5.5	[4.0,7.3]	27.7	[24.7,31.0]	4.4	[3.2,6.0]	3.1	[2.1,4.4]	100.0
No chronic disease (n=2,926)	15.7	[14.0,17.5]	43.0	[40.7,45.3]	7.5	[6.3,8.7]	28.1	[26.0,30.2]	3.2	[2.5,4.0]	2.7	[2.0,3.5]	100.0
Pearson: Uncorrected chi2(5) =	8.2822												
Design-based F(4.98, 20288.37) =	1.1965		Pr =	0.308									
Mental health/substance use disorder (HEDIS)													
MH/SA (HEDIS) (n=2,030)	18.0	[16.0,20.3]	43.3	[40.5,46.1]	5.6	[4.5,7.1]	26.7	[24.3,29.2]	4.1	[3.2,5.2]	2.3	[1.7,3.2]	100.0
No MH/SA (n=2,054)	13.4	[11.6,15.5]	43.1	[40.3,45.9]	8.2	[6.8,9.8]	29.2	[26.8,31.7]	2.9	[2.1,4.0]	3.2	[2.3,4.3]	100.0
Pearson: Uncorrected chi2(5) =	31.9913												
Design-based F(4.98, 20283.40) =	4.0858		Pr =	0.001									
Total (n=4,084)	15.7	[14.3,17.2]	43.2	[41.2,45.2]	7.0	[6.0,8.0]	28.0	[26.3,29.8]	3.5	[2.9,4.2]	2.8	[2.2,3.5]	100.0

3.34 Q: Please tell me how likely you are to do the following:

3.34.1 Likely to find out how much a service costs before getting it

Universe: All respondents

	Very likely		Somewhat likely		Find out health service costs before				Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Somewhat unlikely Row%	95%CI	Very unlikely Row%	95%CI	Row%	95%CI	
FPL category											
0-35% (n=1,592)	45.0	[41.9,48.1]	25.3	[22.6,28.2]	11.6	[9.7,13.7]	15.9	[13.8,18.3]	2.3	[1.5,3.3]	100.0
36-99% (n=1,445)	46.7	[43.5,49.8]	26.8	[24.1,29.8]	13.4	[11.4,15.7]	11.5	[9.7,13.6]	1.6	[1.0,2.4]	100.0
≥ 100% (n = 1,039)	42.4	[38.9,46.0]	29.6	[26.5,32.9]	11.4	[9.4,13.8]	14.7	[12.4,17.4]	1.8	[1.1,3.1]	100.0
Pearson: Uncorrected chi2(8) =	20.5662										
Design-based F(7.70, 31305.64) =	1.9597		Pr =	0.050							
Region											
UP/NW/NE (n=744)	42.9	[38.9,47.0]	25.2	[21.8,29.0]	13.1	[10.6,16.1]	16.9	[14.0,20.3]	1.9	[1.0,3.6]	100.0
W/E Central/E (n=1,258)	45.5	[42.3,48.7]	26.8	[24.1,29.6]	11.4	[9.4,13.6]	14.9	[12.8,17.4]	1.4	[0.9,2.3]	100.0
S Central/SW/SE (n=834)	43.7	[39.6,47.8]	28.6	[25.0,32.5]	15.2	[12.3,18.6]	10.7	[8.6,13.3]	1.8	[1.1,2.9]	100.0
Detroit Metro (n=1,240)	45.6	[42.1,49.1]	25.9	[22.9,29.2]	11.0	[9.1,13.2]	15.1	[12.8,17.8]	2.4	[1.6,3.7]	100.0
Pearson: Uncorrected chi2(12) =	24.0889										
Design-based F(10.67, 43373.34) =	1.6591		Pr =	0.079							
Low healthcare utilizers											
Yes (n=489)	44.0	[38.3,49.8]	33.4	[28.0,39.4]	8.5	[6.0,11.8]	11.7	[8.6,15.7]	2.4	[1.0,5.6]	100.0
No (n=3,587)	45.1	[43.1,47.2]	25.4	[23.6,27.2]	12.7	[11.4,14.2]	14.9	[13.5,16.5]	1.9	[1.5,2.5]	100.0
Pearson: Uncorrected chi2(4) =	25.4396										
Design-based F(3.90, 15830.97) =	3.0538		Pr =	0.017							
High ER utilizers											
Yes (n=155)	34.3	[26.1,43.5]	32.3	[23.2,43.0]	5.8	[2.9,11.2]	26.0	[17.4,36.9]	1.6	[0.5,4.9]	100.0
No (n=3,921)	45.4	[43.4,47.5]	26.3	[24.6,28.1]	12.4	[11.1,13.7]	13.9	[12.6,15.3]	2.0	[1.5,2.6]	100.0
Pearson: Uncorrected chi2(4) =	30.7443										
Design-based F(3.59, 14591.71) =	4.8330		Pr =	0.001							
Chronic disease (HEDIS)											
Chronic disease (HEDIS) (n=1,157)	42.3	[38.8,45.9]	23.7	[20.8,26.8]	13.4	[11.1,16.2]	17.5	[14.8,20.5]	3.1	[2.1,4.5]	100.0
No chronic disease (n=2,919)	45.8	[43.5,48.2]	27.6	[25.5,29.7]	11.6	[10.2,13.1]	13.4	[11.9,15.0]	1.6	[1.1,2.3]	100.0
Pearson: Uncorrected chi2(4) =	25.9545										
Design-based F(3.99, 16222.05) =	4.3882		Pr =	0.002							
Mental health/substance use disorder (HEDIS)											
MH/SA (HEDIS) (n=2,025)	42.8	[40.1,45.6]	25.3	[22.9,27.9]	12.5	[10.9,14.4]	17.2	[15.2,19.5]	2.1	[1.5,2.9]	100.0
No MH/SA (n=2,051)	46.9	[44.2,49.8]	27.8	[25.4,30.4]	11.6	[9.9,13.6]	11.8	[10.2,13.6]	1.8	[1.2,2.8]	100.0
Pearson: Uncorrected chi2(4) =	28.3832										
Design-based F(3.99, 16229.36) =	4.4151		Pr =	0.001							
Total (n=4,076)	45.0	[43.0,46.9]	26.6	[24.9,28.4]	12.1	[10.9,13.4]	14.4	[13.1,15.8]	2.0	[1.5,2.6]	100.0

3.34.2 Likely to talk with doctor about how much different health care options will cost

Universe: All respondents

	Talk to doctor about health care costs										
	Very likely		Somewhat likely		Somewhat unlikely		Very unlikely		Don't know		Total
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%
FPL category											
0-35% (n=1,593)	42.7	[39.6,45.8]	24.6	[22.1,27.3]	13.2	[11.1,15.6]	16.8	[14.7,19.2]	2.8	[1.9,3.9]	100.0
36-99% (n=1,444)	39.5	[36.5,42.6]	29.2	[26.4,32.1]	15.2	[13.0,17.7]	14.0	[12.1,16.2]	2.1	[1.3,3.3]	100.0
≥ 100% (n = 1, 039)	37.8	[34.4,41.3]	30.6	[27.4,34.0]	13.3	[11.1,15.8]	16.2	[13.7,19.0]	2.1	[1.4,3.3]	100.0
Pearson: Uncorrected chi2(8) =	22.1056										
Design-based F(7.65, 31097.72) =	2.0712		Pr =	0.038							
Region											
UP/NW/NE (n=744)	39.5	[35.5,43.6]	27.3	[23.8,31.1]	13.9	[11.3,16.9]	17.5	[14.7,20.7]	1.9	[1.1,3.3]	100.0
W/E Central/E (n=1,258)	38.9	[35.8,42.0]	30.3	[27.4,33.3]	13.0	[11.0,15.3]	15.7	[13.5,18.1]	2.2	[1.5,3.3]	100.0
S Central/SW/SE (n=836)	41.4	[37.3,45.6]	26.7	[23.4,30.3]	14.7	[12.1,17.8]	15.8	[13.3,18.8]	1.4	[0.7,2.5]	100.0
Detroit Metro (n=1,238)	42.1	[38.7,45.6]	25.2	[22.3,28.2]	13.8	[11.5,16.6]	15.7	[13.3,18.4]	3.2	[2.2,4.6]	100.0
Pearson: Uncorrected chi2(12) =	19.1262										
Design-based F(10.55, 42863.83) =	1.3270		Pr =	0.205							
Low healthcare utilizers											
Yes (n=488)	41.5	[35.9,47.4]	25.3	[20.7,30.6]	14.3	[10.4,19.3]	15.4	[11.6,20.1]	3.5	[1.8,6.4]	100.0
No (n=3,588)	40.7	[38.6,42.8]	27.4	[25.6,29.3]	13.7	[12.3,15.2]	16.0	[14.6,17.5]	2.3	[1.8,2.9]	100.0
Pearson: Uncorrected chi2(4) =	4.1933										
Design-based F(3.97, 16152.68) =	0.4882		Pr =	0.743							
High ER utilizers											
Yes (n=155)	33.3	[25.1,42.6]	26.6	[18.2,37.1]	16.6	[9.5,27.4]	20.4	[13.7,29.3]	3.0	[1.1,8.0]	100.0
No (n=3,921)	41.2	[39.2,43.2]	27.1	[25.4,28.9]	13.6	[12.3,15.1]	15.7	[14.3,17.2]	2.4	[1.9,3.1]	100.0
Pearson: Uncorrected chi2(4) =	6.4372										
Design-based F(3.76, 15289.19) =	0.8450		Pr =	0.491							
Chronic disease (HEDIS)											
Chronic disease (HEDIS) (n=1,157)	40.6	[37.1,44.2]	23.7	[20.9,26.7]	13.1	[10.7,15.8]	19.2	[16.5,22.2]	3.4	[2.3,4.9]	100.0
No chronic disease (n=2,919)	40.9	[38.6,43.2]	28.2	[26.2,30.3]	14.0	[12.4,15.8]	14.8	[13.2,16.5]	2.1	[1.6,2.9]	100.0
Pearson: Uncorrected chi2(4) =	20.8062										
Design-based F(3.99, 16195.87) =	3.5278		Pr =	0.007							
Mental health/substance use disorder (HEDIS)											
MH/SA (HEDIS) (n=2,025)	41.4	[38.7,44.2]	24.9	[22.6,27.3]	14.2	[12.4,16.3]	17.3	[15.4,19.5]	2.2	[1.5,3.0]	100.0
No MH/SA (n=2,051)	40.3	[37.5,43.1]	29.2	[26.7,31.7]	13.3	[11.4,15.5]	14.5	[12.7,16.5]	2.7	[1.9,3.8]	100.0
Pearson: Uncorrected chi2(4) =	14.2325										
Design-based F(3.98, 16177.92) =	2.2122		Pr =	0.065							
Total (n=4,076)	40.8	[38.9,42.8]	27.1	[25.4,28.8]	13.8	[12.4,15.2]	15.9	[14.5,17.3]	2.4	[1.9,3.1]	100.0

3.34.3 Likely to look for cheaper options

Universe: All respondents

	Very likely		Somewhat likely		Ask doctor for less costly drug				Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Somewhat unlikely Row%	Somewhat unlikely 95%CI	Very unlikely Row%	Very unlikely 95%CI	Row%	95%CI	
FPL category											
0-35% (n=1,593)	50.1	[47.0,53.3]	21.5	[19.0,24.2]	10.9	[8.9,13.3]	15.1	[13.0,17.4]	2.4	[1.7,3.3]	100.0
36-99% (n=1,443)	52.2	[49.1,55.3]	26.8	[24.1,29.6]	8.9	[7.3,11.0]	9.6	[8.0,11.6]	2.4	[1.6,3.5]	100.0
≥ 100% (n = 1, 038)	50.8	[47.2,54.4]	28.4	[25.2,31.9]	7.3	[5.6,9.4]	11.2	[9.1,13.6]	2.3	[1.4,3.7]	100.0
Pearson: Uncorrected chi2(8) =	44.1546										
Design-based F(7.69, 31224.89) =	4.1204	Pr =	0.000								
Region											
UP/NW/NE (n=744)	54.9	[50.8,59.0]	24.7	[21.3,28.5]	7.3	[5.4,9.6]	10.9	[8.6,13.6]	2.2	[1.1,4.3]	100.0
W/E Central/E (n=1,258)	51.4	[48.1,54.5]	26.6	[23.8,29.5]	8.4	[6.7,10.5]	11.8	[9.8,14.0]	1.9	[1.3,2.8]	100.0
S Central/SW/SE (n=835)	52.5	[48.4,56.6]	26.4	[22.9,30.2]	8.3	[6.2,10.9]	10.4	[8.4,12.8]	2.5	[1.6,3.9]	100.0
Detroit Metro (n=1,237)	49.0	[45.5,52.5]	22.0	[19.2,25.0]	11.6	[9.3,14.3]	14.8	[12.5,17.5]	2.6	[1.8,3.8]	100.0
Pearson: Uncorrected chi2(12) =	35.7463										
Design-based F(10.64, 43214.19) =	2.4231	Pr =	0.006								
Low healthcare utilizers											
Yes (n=487)	45.6	[39.9,51.5]	28.4	[23.4,34.0]	9.9	[6.8,14.2]	12.0	[8.6,16.6]	4.0	[2.3,6.9]	100.0
No (n=3,587)	51.8	[49.7,53.9]	23.7	[22.0,25.4]	9.6	[8.3,11.1]	12.9	[11.5,14.3]	2.1	[1.6,2.6]	100.0
Pearson: Uncorrected chi2(4) =	17.6766										
Design-based F(3.95, 16057.82) =	2.1038	Pr =	0.078								
High ER utilizers											
Yes (n=154)	45.6	[36.0,55.5]	25.5	[16.4,37.3]	6.7	[3.4,12.8]	20.9	[13.7,30.5]	1.4	[0.4,4.6]	100.0
No (n=3,920)	51.1	[49.1,53.1]	24.3	[22.7,26.1]	9.8	[8.5,11.2]	12.4	[11.1,13.8]	2.4	[1.9,3.0]	100.0
Pearson: Uncorrected chi2(4) =	13.1069										
Design-based F(3.54, 14384.15) =	1.9009	Pr =	0.116								
Chronic disease (HEDIS)											
Chronic disease (HEDIS) (n=1,157)	52.4	[48.7,55.9]	20.9	[18.1,24.0]	8.3	[6.3,11.0]	15.3	[12.9,18.1]	3.1	[2.1,4.4]	100.0
No chronic disease (n=2,917)	50.4	[48.0,52.7]	25.5	[23.6,27.6]	10.1	[8.6,11.8]	11.9	[10.4,13.5]	2.1	[1.6,2.8]	100.0
Pearson: Uncorrected chi2(4) =	19.9343										
Design-based F(3.89, 15798.95) =	3.2764	Pr =	0.012								
Mental health/substance use disorder (HEDIS)											
MH/SA (HEDIS) (n=2,025)	53.1	[50.3,55.9]	22.1	[19.8,24.5]	8.9	[7.3,10.7]	14.1	[12.3,16.2]	1.8	[1.3,2.5]	100.0
No MH/SA (n=2,049)	48.8	[46.0,51.6]	26.5	[24.1,29.0]	10.4	[8.6,12.5]	11.5	[9.8,13.4]	2.9	[2.1,3.9]	100.0
Pearson: Uncorrected chi2(4) =	25.0223										
Design-based F(3.87, 15729.25) =	3.8501	Pr =	0.004								
Total (n=4,074)	50.9	[48.9,52.8]	24.4	[22.7,26.1]	9.7	[8.4,11.0]	12.8	[11.5,14.1]	2.4	[1.9,3.0]	100.0

3.34.4 Likely to check reviews

Universe: All respondents

	Check reviews of doctors or hospitals										
	Very likely		Somewhat likely		Somewhat unlikely		Very unlikely		Don't know		Total
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%
FPL category											
0-35% (n=1,592)	54.0	[50.9,57.1]	22.4	[19.9,25.2]	8.6	[6.9,10.6]	12.3	[10.4,14.5]	2.6	[1.9,3.6]	100.0
36-99% (n=1,445)	53.3	[50.2,56.4]	26.3	[23.5,29.3]	8.9	[7.3,10.8]	8.8	[7.2,10.7]	2.7	[1.9,3.9]	100.0
≥ 100% (n = 1,037)	53.9	[50.4,57.4]	26.5	[23.5,29.7]	6.8	[5.3,8.7]	10.8	[8.9,13.0]	2.0	[1.3,3.1]	100.0
Pearson: Uncorrected chi2(8) =	19.0085										
Design-based F(7.58, 30796.09) =	1.8553	Pr =	0.066								
Region											
UP/NW/NE (n=744)	45.9	[41.8,50.0]	24.4	[21.0,28.1]	12.1	[9.6,15.1]	14.9	[12.2,18.1]	2.8	[1.7,4.6]	100.0
W/E Central/E (n=1,258)	53.0	[49.8,56.2]	26.3	[23.6,29.2]	8.3	[6.7,10.3]	10.5	[8.7,12.6]	1.9	[1.3,2.8]	100.0
S Central/SW/SE (n=835)	51.5	[47.4,55.5]	28.1	[24.5,31.9]	8.8	[6.8,11.2]	9.1	[7.2,11.4]	2.6	[1.7,4.0]	100.0
Detroit Metro (n=1,237)	56.9	[53.4,60.4]	21.5	[18.7,24.6]	7.4	[5.6,9.7]	11.4	[9.3,13.9]	2.8	[2.0,4.0]	100.0
Pearson: Uncorrected chi2(12) =	39.3107										
Design-based F(10.38, 42164.17) =	2.6750	Pr =	0.002								
Low healthcare utilizers											
Yes (n=486)	52.0	[46.1,57.8]	28.6	[23.6,34.1]	7.2	[4.4,11.5]	9.8	[6.9,13.7]	2.5	[1.3,4.7]	100.0
No (n=3,588)	54.1	[52.0,56.2]	23.6	[21.9,25.4]	8.5	[7.4,9.8]	11.3	[10.0,12.7]	2.5	[2.0,3.2]	100.0
Pearson: Uncorrected chi2(4) =	7.9752										
Design-based F(3.87, 15723.17) =	0.9501	Pr =	0.432								
High ER utilizers											
Yes (n=155)	50.3	[40.3,60.3]	26.9	[18.6,37.1]	5.8	[2.9,11.1]	15.3	[8.5,25.9]	1.8	[0.5,6.0]	100.0
No (n=3,919)	53.9	[51.9,55.9]	24.2	[22.5,26.0]	8.4	[7.3,9.7]	10.8	[9.7,12.1]	2.6	[2.0,3.2]	100.0
Pearson: Uncorrected chi2(4) =	5.9035										
Design-based F(3.67, 14896.56) =	0.8255	Pr =	0.500								
Chronic disease (HEDIS)											
Chronic disease (HEDIS) (n=1,157)	52.4	[48.8,56.0]	19.4	[16.7,22.3]	9.5	[7.6,11.7]	14.8	[12.3,17.7]	4.0	[2.8,5.5]	100.0
No chronic disease (n=2,917)	54.3	[51.9,56.6]	26.0	[24.0,28.1]	7.9	[6.7,9.4]	9.8	[8.5,11.2]	2.0	[1.5,2.7]	100.0
Pearson: Uncorrected chi2(4) =	45.9058										
Design-based F(3.97, 16130.02) =	7.9233	Pr =	0.000								
Mental health/substance use disorder (HEDIS)											
MH/SA (HEDIS) (n=2,025)	53.7	[51.0,56.5]	22.2	[20.0,24.7]	9.0	[7.5,10.8]	12.6	[10.9,14.6]	2.4	[1.8,3.3]	100.0
No MH/SA (n=2,049)	53.8	[51.0,56.6]	26.3	[23.9,28.8]	7.7	[6.2,9.4]	9.6	[8.0,11.3]	2.6	[1.9,3.5]	100.0
Pearson: Uncorrected chi2(4) =	17.7645										
Design-based F(3.94, 16013.25) =	2.7675	Pr =	0.026								
Total (n=4,074)	53.8	[51.8,55.7]	24.3	[22.7,26.1]	8.3	[7.3,9.5]	11.0	[9.9,12.3]	2.5	[2.0,3.1]	100.0

3.35 Q: For the following statements, do you strongly agree, agree, are neutral, disagree, or strongly disagree.

3.35.1 Carefully review MIHA statement

Universe: Respondents that have received a MI Health Account statement through Healthy Michigan Plan

	Carefully review statements												Total Row%
	Strongly agree		Agree		Neutral		Disagree		Strongly disagree		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category													
0-35% (n=1,146)	25.4	[22.4,28.7]	63.3	[59.7,66.7]	3.4	[2.3,5.0]	6.9	[5.2,9.0]	0.6	[0.3,1.3]	0.4	[0.2,0.9]	100.0
36-99% (n=1,039)	26.9	[23.7,30.3]	62.2	[58.5,65.8]	2.6	[1.7,3.9]	6.5	[4.9,8.7]	1.6	[0.8,3.4]	0.1	[0.0,1.0]	100.0
≥ 100% (n = 820)	23.3	[20.0,26.8]	63.3	[59.3,67.1]	5.0	[3.3,7.4]	7.3	[5.5,9.6]	0.8	[0.4,1.8]	0.4	[0.1,1.5]	100.0
Pearson: Uncorrected chi2(10) =	14.9288												
Design-based F(9.62, 28791.37) =	1.1154	Pr =	0.346										
Region													
UP/NW/NE (n=592)	24.8	[21.1,29.0]	62.8	[58.1,67.2]	4.1	[2.4,6.9]	7.1	[4.8,10.3]	0.8	[0.3,1.9]	0.4	[0.1,1.9]	100.0
W/E Central/E (n=954)	25.0	[22.1,28.3]	65.4	[61.9,68.7]	2.1	[1.3,3.5]	6.2	[4.6,8.3]	0.5	[0.2,1.1]	0.7	[0.3,1.6]	100.0
S Central/SW/SE (n=616)	23.6	[20.0,27.7]	63.5	[58.9,67.8]	4.6	[2.9,7.3]	6.4	[4.6,8.8]	1.8	[1.0,3.5]	0.0		100.0
Detroit Metro (n=843)	26.5	[22.9,30.4]	61.0	[56.8,65.0]	3.9	[2.6,5.8]	7.5	[5.6,10.1]	0.9	[0.4,2.2]	0.2	[0.0,0.7]	100.0
Pearson: Uncorrected chi2(15) =	25.2711												
Design-based F(13.40, 40117.64) =	1.3899	Pr =	0.152										
Low healthcare utilizers													
Yes (n=260)	27.3	[21.1,34.6]	56.6	[48.8,64.1]	5.1	[2.7,9.5]	9.4	[5.5,15.5]	1.3	[0.5,3.5]	0.3	[0.0,2.1]	100.0
No (n=2,745)	25.1	[23.1,27.2]	63.7	[61.4,66.0]	3.3	[2.6,4.3]	6.6	[5.5,7.9]	0.9	[0.5,1.5]	0.3	[0.2,0.7]	100.0
Pearson: Uncorrected chi2(5) =	9.0398												
Design-based F(4.61, 13795.32) =	1.1548	Pr =	0.329										
High ER utilizers													
Yes (n=97)	27.7	[18.3,39.6]	58.1	[46.1,69.2]	3.3	[0.5,19.6]	8.2	[3.4,18.3]	2.7	[1.0,7.3]	0.0		100.0
No (n=2,908)	25.3	[23.3,27.3]	63.2	[60.9,65.4]	3.5	[2.8,4.5]	6.8	[5.7,8.1]	0.9	[0.5,1.4]	0.3	[0.2,0.7]	100.0
Pearson: Uncorrected chi2(5) =	5.0960												
Design-based F(3.99, 11933.73) =	0.5886	Pr =	0.670										
Chronic disease (HEDIS)													
Chronic disease (HEDIS) (n=905)	26.6	[23.1,30.5]	63.2	[59.1,67.1]	2.3	[1.3,3.9]	5.9	[4.3,8.1]	1.8	[0.8,3.6]	0.2	[0.1,0.9]	100.0
No chronic disease (n=2,100)	24.9	[22.6,27.3]	62.9	[60.2,65.5]	4.0	[3.0,5.2]	7.2	[5.9,8.8]	0.6	[0.4,1.1]	0.4	[0.2,0.8]	100.0
Pearson: Uncorrected chi2(5) =	15.3537												
Design-based F(4.88, 14612.13) =	2.1970	Pr =	0.053										
Mental health/substance use disorder (HEDIS)													
MH/SA (HEDIS) (n=1,497)	27.0	[24.2,30.0]	61.2	[58.1,64.3]	3.6	[2.5,5.1]	6.3	[5.1,7.9]	1.5	[0.9,2.6]	0.3	[0.1,0.8]	100.0
No MH/SA (n=1,508)	23.8	[21.2,26.6]	64.6	[61.5,67.6]	3.5	[2.5,4.8]	7.4	[5.7,9.4]	0.4	[0.2,0.9]	0.3	[0.1,0.8]	100.0
Pearson: Uncorrected chi2(5) =	15.3587												
Design-based F(4.85, 14519.80) =	2.1490	Pr =	0.059										
Total (n=3,005)	25.3	[23.4,27.4]	63.0	[60.8,65.1]	3.5	[2.8,4.5]	6.9	[5.8,8.1]	0.9	[0.6,1.5]	0.3	[0.2,0.6]	100.0

3.35.2 MIHA statements help me be aware of cost of health care

Universe: Respondents that have received a MI Health Account statement through the Healthy Michigan Plan

	Helps me be more aware of cost												Total Row%
	Strongly agree		Agree		Neutral		Disagree		Strongly disagree		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category													
0-35% (n=1,146)	23.1	[20.2,26.3]	66.9	[63.5,70.2]	3.7	[2.6,5.2]	4.9	[3.6,6.6]	0.3	[0.1,0.8]	1.1	[0.6,2.0]	100.0
36-99% (n=1,040)	23.0	[19.9,26.5]	65.3	[61.6,68.8]	4.9	[3.6,6.5]	4.8	[3.5,6.6]	0.9	[0.5,1.6]	1.1	[0.6,2.1]	100.0
≥ 100%(n = 819)	18.3	[15.4,21.5]	66.6	[62.8,70.3]	5.6	[3.8,8.0]	8.4	[6.5,10.9]	0.5	[0.2,1.2]	0.6	[0.3,1.4]	100.0
Pearson: Uncorrected chi2(10) =	26.0637												
Design-based F(9.46, 28320.89) =	2.1881		Pr =	0.018									
Region													
UP/NW/NE (n=593)	20.8	[17.3,24.8]	65.1	[60.5,69.5]	5.0	[3.2,7.9]	7.2	[4.9,10.4]	0.5	[0.2,1.5]	1.3	[0.6,3.0]	100.0
W/E Central/E (n=953)	22.8	[20.0,26.0]	65.3	[61.8,68.7]	4.1	[2.9,6.0]	5.8	[4.4,7.8]	0.5	[0.2,1.0]	1.4	[0.8,2.7]	100.0
S Central/SW/SE (n=616)	18.3	[14.9,22.1]	67.0	[62.5,71.2]	5.2	[3.6,7.6]	7.6	[5.6,10.3]	1.2	[0.5,2.7]	0.8	[0.3,1.8]	100.0
Detroit Metro (n=843)	23.5	[20.1,27.3]	67.2	[63.2,71.0]	4.2	[2.9,5.9]	4.2	[2.9,6.1]	0.2	[0.1,0.6]	0.7	[0.3,1.7]	100.0
Pearson: Uncorrected chi2(15) =	26.8915												
Design-based F(13.35, 39946.61) =	1.5921		Pr =	0.077									
Low healthcare utilizers													
Yes (n=259)	24.0	[18.2,31.1]	58.8	[51.0,66.2]	6.4	[3.7,11.1]	8.5	[4.8,14.7]	1.4	[0.6,3.2]	0.8	[0.3,2.5]	100.0
No (n=2,746)	21.8	[19.9,23.9]	67.3	[65.0,69.4]	4.2	[3.4,5.2]	5.3	[4.5,6.3]	0.4	[0.2,0.7]	1.0	[0.6,1.5]	100.0
Pearson: Uncorrected chi2(5) =	17.1502												
Design-based F(4.43, 13266.34) =	2.2776		Pr =	0.052									
High ER utilizers													
Yes (n=97)	29.5	[20.0,41.1]	58.1	[46.4,68.9]	1.6	[0.4,6.2]	7.4	[3.1,16.8]	2.2	[0.7,6.8]	1.3	[0.2,8.4]	100.0
No (n=2,908)	21.8	[19.9,23.8]	66.7	[64.5,68.8]	4.5	[3.7,5.5]	5.6	[4.7,6.6]	0.4	[0.3,0.7]	1.0	[0.6,1.5]	100.0
Pearson: Uncorrected chi2(5) =	13.0474												
Design-based F(4.67, 13991.65) =	2.1136		Pr =	0.065									
Chronic disease (HEDIS)													
Chronic disease (HEDIS) (n=905)	25.2	[21.6,29.2]	64.1	[60.0,68.0]	3.3	[2.1,5.0]	6.2	[4.6,8.4]	0.6	[0.3,1.5]	0.6	[0.3,1.3]	100.0
No chronic disease (n=2,100)	20.8	[18.7,23.1]	67.3	[64.7,69.7]	4.9	[3.9,6.1]	5.4	[4.4,6.7]	0.5	[0.3,0.8]	1.1	[0.7,1.8]	100.0
Pearson: Uncorrected chi2(5) =	12.2684												
Design-based F(4.78, 14301.93) =	1.9844		Pr =	0.081									
Mental health/substance use disorder (HEDIS)													
MH/SA (HEDIS) (n=1,495)	23.8	[21.1,26.7]	65.3	[62.2,68.2]	3.3	[2.4,4.4]	6.0	[4.8,7.5]	0.7	[0.4,1.3]	1.0	[0.5,1.8]	100.0
No MH/SA (n=1,510)	20.4	[17.9,23.1]	67.4	[64.4,70.4]	5.5	[4.3,7.1]	5.3	[4.0,6.9]	0.3	[0.1,0.7]	1.0	[0.6,1.7]	100.0
Pearson: Uncorrected chi2(5) =	16.7028												
Design-based F(4.80, 14354.07) =	2.5548		Pr =	0.028									
Total (n=3,005)	22.0	[20.2,24.0]	66.4	[64.2,68.5]	4.4	[3.6,5.4]	5.6	[4.7,6.7]	0.5	[0.3,0.8]	1.0	[0.6,1.5]	100.0

3.35.3 Information on MIHA statement led me to change some of my decisions about health care

Universe: Respondents who have received a MI Health Account statement through Healthy Michigan Plan

	Changed decisions about health care												Total Row%
	Strongly agree		Agree		Neutral		Disagree		Strongly disagree		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category													
0-35% (n=1,145)	5.9	[4.4,7.8]	26.3	[23.2,29.7]	14.5	[12.0,17.6]	46.7	[43.1,50.3]	3.6	[2.5,5.1]	2.9	[1.9,4.6]	100.0
36-99% (n=1,042)	5.7	[4.0,8.0]	24.7	[21.7,28.1]	14.7	[12.1,17.7]	48.2	[44.6,51.9]	3.3	[2.2,4.9]	3.3	[2.1,5.1]	100.0
≥ 100%(n = 819)	2.8	[1.7,4.6]	25.1	[21.8,28.7]	15.8	[13.1,18.9]	50.9	[46.9,54.9]	2.6	[1.7,3.9]	2.9	[1.8,4.5]	100.0
Pearson: Uncorrected chi2(10) =	13.8829												
Design-based F(9.50, 28431.45) =	0.9829		Pr =	0.454									
Region													
UP/NW/NE (n=592)	3.7	[2.3,6.1]	20.9	[17.4,24.9]	17.2	[13.9,21.1]	54.0	[49.4,58.5]	2.5	[1.4,4.4]	1.6	[0.9,3.0]	100.0
W/E Central/E (n=955)	5.3	[3.9,7.1]	22.8	[19.9,26.0]	15.5	[13.0,18.4]	50.2	[46.6,53.9]	3.4	[2.3,4.9]	2.8	[1.6,4.7]	100.0
S Central/SW/SE (n=615)	3.5	[2.1,5.7]	29.0	[24.7,33.6]	13.3	[10.3,17.0]	46.8	[42.2,51.4]	3.7	[2.4,5.8]	3.8	[2.5,5.7]	100.0
Detroit Metro (n=844)	6.2	[4.4,8.7]	27.3	[23.8,31.1]	14.5	[11.5,18.1]	45.6	[41.4,49.7]	3.2	[2.1,5.0]	3.2	[2.0,5.1]	100.0
Pearson: Uncorrected chi2(15) =	27.4564												
Design-based F(13.05, 39068.43) =	1.4158		Pr =	0.142									
Low healthcare utilizers													
Yes (n=260)	9.6	[5.4,16.3]	26.2	[19.9,33.7]	14.1	[9.9,19.6]	43.9	[36.3,51.7]	3.9	[2.0,7.4]	2.3	[0.5,9.6]	100.0
No (n=2,746)	4.7	[3.7,5.8]	25.5	[23.5,27.7]	14.9	[13.2,16.9]	48.5	[46.2,50.9]	3.2	[2.5,4.1]	3.1	[2.4,4.0]	100.0
Pearson: Uncorrected chi2(5) =	15.5142												
Design-based F(4.31, 12913.78) =	1.3746		Pr =	0.237									
High ER utilizers													
Yes (n=97)	10.7	[5.3,20.4]	28.0	[18.9,39.4]	15.3	[8.1,26.8]	41.3	[30.5,52.9]	2.4	[0.6,9.5]	2.3	[0.7,7.7]	100.0
No (n=2,909)	5.0	[4.0,6.1]	25.5	[23.5,27.6]	14.8	[13.2,16.7]	48.3	[46.0,50.6]	3.3	[2.6,4.2]	3.0	[2.3,4.0]	100.0
Pearson: Uncorrected chi2(5) =	8.2968												
Design-based F(4.84, 14488.74) =	1.1601		Pr =	0.326									
Chronic disease (HEDIS)													
Chronic disease (HEDIS) (n=906)	6.1	[4.3,8.6]	25.9	[22.4,29.7]	10.9	[8.4,14.0]	49.5	[45.5,53.6]	4.4	[3.0,6.3]	3.2	[1.9,5.1]	100.0
No chronic disease (n=2,100)	4.8	[3.7,6.2]	25.5	[23.2,28.0]	16.3	[14.3,18.6]	47.5	[44.8,50.2]	2.9	[2.1,3.9]	3.0	[2.1,4.1]	100.0
Pearson: Uncorrected chi2(5) =	18.6012												
Design-based F(4.95, 14835.26) =	2.3119		Pr =	0.042									
Mental health/substance use disorder (HEDIS)													
MH/SA (HEDIS) (n=1,496)	5.3	[4.0,6.9]	26.0	[23.2,28.9]	12.6	[10.5,15.1]	48.9	[45.7,52.1]	4.2	[3.1,5.6]	3.1	[2.1,4.4]	100.0
No MH/SA (n=1,510)	5.1	[3.7,6.8]	25.3	[22.6,28.2]	17.0	[14.6,19.7]	47.2	[44.0,50.4]	2.5	[1.7,3.6]	3.0	[2.0,4.4]	100.0
Pearson: Uncorrected chi2(5) =	17.3233												
Design-based F(4.96, 14856.61) =	2.0510		Pr =	0.069									
Total (n=3,006)	5.2	[4.2,6.3]	25.6	[23.7,27.6]	14.9	[13.2,16.7]	48.0	[45.8,50.3]	3.3	[2.6,4.2]	3.0	[2.3,4.0]	100.0

3.36 Q: What is your current job status?

Universe: All respondents

	Employed or self-employed		Out of work >=1 year		Out of work <1 year		Employment status Homemaker		Student		Retired		Unable to work		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category																	
0-35% (n=1,589)	31.9	[28.9,35.0]	31.1	[28.3,34.0]	11.0	[9.1,13.2]	2.4	[1.6,3.6]	5.8	[4.4,7.5]	1.6	[1.0,2.4]	16.1	[14.1,18.3]	0.2	[0.1,0.7]	100.0
36-99% (n=1,447)	65.4	[62.4,68.3]	9.6	[7.8,11.8]	4.9	[3.8,6.2]	7.4	[6.0,9.1]	3.9	[2.8,5.4]	3.1	[2.3,4.3]	5.5	[4.3,7.1]	0.1	[0.0,0.5]	100.0
≥ 100% (n = 1,039)	69.4	[66.0,72.6]	4.2	[3.1,5.8]	4.0	[2.8,5.6]	5.9	[4.5,7.8]	5.4	[3.7,8.0]	4.1	[3.1,5.4]	6.9	[5.4,8.8]	0.0		100.0
Pearson: Uncorrected chi2(14) =	773.5738																
Design-based F(12.86, 52234.24) =	43.7255	Pr =	0.000														
Region																	
UP/NW/NE (n=746)	52.5	[48.6,56.4]	15.7	[13.0,18.8]	6.0	[4.2,8.4]	5.6	[4.0,7.7]	3.9	[2.5,6.2]	5.0	[3.8,6.7]	11.1	[8.9,13.7]	0.2	[0.1,1.0]	100.0
W/E Central/E (n=1,259)	46.9	[44.0,49.9]	20.7	[18.2,23.4]	7.6	[6.0,9.6]	3.9	[2.9,5.2]	4.8	[3.3,6.8]	2.7	[2.0,3.6]	13.2	[11.3,15.5]	0.3	[0.1,0.8]	100.0
S Central/SW/SE (n=834)	53.3	[49.4,57.2]	16.3	[13.4,19.6]	8.8	[6.7,11.5]	4.1	[2.9,5.6]	5.3	[3.7,7.5]	2.2	[1.5,3.2]	10.1	[8.0,12.7]	0.0		100.0
Detroit Metro (n=1,236)	47.4	[44.1,50.8]	21.3	[18.5,24.3]	8.1	[6.2,10.4]	4.9	[3.8,6.4]	5.7	[4.2,7.6]	2.0	[1.3,3.1]	10.5	[8.6,12.8]	0.1	[0.0,0.9]	100.0
Pearson: Uncorrected chi2(21) =	44.2104																
Design-based F(17.48, 71007.65) =	1.7471	Pr =	0.027														
Low healthcare utilizers																	
Yes (n=488)	52.7	[46.8,58.4]	20.7	[16.4,25.9]	13.9	[10.0,19.1]	2.4	[1.1,5.0]	7.2	[4.7,10.9]	0.7	[0.3,1.4]	2.2	[1.1,4.3]	0.2	[0.0,0.9]	100.0
No (n=3,587)	48.2	[46.2,50.2]	19.5	[17.8,21.2]	6.8	[5.8,7.9]	4.9	[4.2,5.8]	4.8	[3.9,5.9]	2.8	[2.3,3.5]	12.9	[11.6,14.3]	0.2	[0.1,0.4]	100.0
Pearson: Uncorrected chi2(7) =	112.2927																
Design-based F(6.06, 24619.94) =	9.4801	Pr =	0.000														
High ER utilizers																	
Yes (n=154)	40.8	[31.2,51.2]	19.8	[12.5,30.1]	10.6	[6.1,17.7]	6.3	[2.6,14.6]	1.1	[0.3,4.5]	0.9	[0.3,2.9]	19.8	[13.5,28.0]	0.7	[0.1,4.6]	100.0
No (n=3,921)	49.2	[47.3,51.1]	19.7	[18.1,21.3]	7.7	[6.7,9.0]	4.4	[3.8,5.2]	5.4	[4.4,6.5]	2.6	[2.1,3.1]	10.9	[9.7,12.1]	0.1	[0.1,0.4]	100.0
Pearson: Uncorrected chi2(7) =	28.4732																
Design-based F(6.10, 24779.19) =	2.6654	Pr =	0.013														
Chronic disease (HEDIS)																	
Chronic disease (HEDIS) (n=1,158)	39.0	[35.7,42.5]	22.6	[19.6,25.9]	5.4	[4.0,7.2]	4.5	[3.2,6.4]	2.7	[1.6,4.4]	4.1	[3.0,5.6]	21.5	[18.8,24.6]	0.1	[0.0,0.3]	100.0
No chronic disease (n=2,917)	52.1	[49.9,54.4]	18.7	[16.9,20.7]	8.7	[7.4,10.2]	4.5	[3.8,5.4]	6.0	[4.9,7.3]	2.0	[1.5,2.5]	7.8	[6.7,9.1]	0.2	[0.1,0.5]	100.0
Pearson: Uncorrected chi2(7) =	202.8911																
Design-based F(6.42, 26086.51) =	21.6056	Pr =	0.000														
Mental health/substance use disorder (HEDIS)																	
MH/SA (HEDIS) (n=2,026)	43.3	[40.6,46.0]	19.9	[17.8,22.3]	8.1	[6.7,9.8]	3.6	[2.8,4.6]	4.5	[3.3,6.0]	1.9	[1.4,2.6]	18.3	[16.3,20.5]	0.3	[0.1,0.7]	100.0
No MH/SA (n=2,049)	54.0	[51.3,56.8]	19.4	[17.2,21.9]	7.6	[6.1,9.5]	5.4	[4.4,6.6]	5.8	[4.6,7.4]	3.0	[2.4,3.9]	4.6	[3.6,5.9]	0.1	[0.0,0.3]	100.0
Pearson: Uncorrected chi2(7) =	212.2011																
Design-based F(6.50, 26397.66) =	20.1871	Pr =	0.000														
Total (n=4,075)	48.8	[47.0,50.7]	19.7	[18.1,21.3]	7.9	[6.8,9.1]	4.5	[3.8,5.3]	5.2	[4.3,6.2]	2.5	[2.1,3.0]	11.3	[10.1,12.5]	0.2	[0.1,0.4]	100.0

3.37 Q: In the past 12 months, about how many days did you miss school because of illness or injury (do not include maternity leave)?

Universe: Student respondents

	Mean	Std. Dev	CI	P-value
FPL category				0.7293
0-35% (n=77)	3.10	8.66	[1.15,5.05]	
36-99% (n=47)	3.49	13.19	[-0.31,7.29]	
≥ 100%(n = 35)	1.86	3.52	[0.68,3.03]	
Region				0.5533
UP/NW/NE (n=21)	3.67	7.00	[0.65,6.68]	
W/E Central/E (n=42)	3.90	13.99	[-0.36,8.17]	
S Central/SW/SE (n=37)	1.03	2.22	[0.31,1.74]	
Detroit Metro (n=59)	3.20	9.11	[0.86,5.55]	
Low healthcare utilizers				0.2330
Yes (n=28)	1.00	1.76	[0.32,1.68]	
No (n=131)	3.35	10.37	[1.57,5.15]	
High ER utilizers				0.5285
Yes (n=2)	30.00	42.43	[-29.25,89.25]	
No (n=157)	2.60	8.36	[1.28,3.92]	
Chronic disease (HEDIS)				0.1363
Chronic disease (HEDIS) (n=20)	7.35	14.199	[1.07,13.62]	
No chronic disease (n=139)	2.31	8.47	[0.89,3.73]	
Mental health/substance use disorder (HEDIS)				0.0504
MH/SA (HEDIS) (n=68)	4.88	13.69	[1.46,4.43]	
No MH/SA (n=91)	1.49	3.62	[0.74,2.25]	
Total (n=159)	2.94	9.47	[1.46,4.43]	

¹ All models were tested for homogeneity of variance using Levene's test

² FPL categories did not violate Levene's test, $F(2,156)=0.933$, $p=0.396$; An ANOVA was used, $F(2,156)=0.32$, $p=0.7293$

³ Region did not violate Levene's test, $F(3,155)=1.487$, $p=0.220$; An ANOVA was used, $F(3,155)=0.70$, $p=0.5533$

⁴ Low healthcare utilizers did not violate Levene's test, $F(1,157)=3.428$, $p=0.0660$; Student's t-test was used, $t(157)=-1.197$, $p=0.2330$

⁵ High ER utilizers violated Levene's test, $F(1,157)=24.160$, $p<.0001$; Welch's t-test was used, $t(1.003)=0.913$, $p=0.5285$

⁶ HEDIS Chronic Disease violated Levene's test, $F(1,157)=6.320$, $p=0.0129$; Welch's t-test was used, $t(21.199)=1.548$, $p=0.1363$

⁷ HEDIS MH/SA violated Levene's test, $F(1,157)=13.159$, $p=0.0004$; Welch's t-test was used, $t(74.224)=1.989$, $p=0.0504$

3.38 Q: Compared to the 12 months before this time, was this more, less, or about the same?

Universe: Student respondents

	School days missed more/less								
	More		Less		About the same		Don't know		Total
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%
FPL category									
0-35% (n=78)	2.3	[0.6,8.1]	18.8	[9.5,33.6]	77.6	[63.2,87.5]	1.3	[0.2,8.9]	100.0
36-99% (n=47)	14.3	[5.1,34.0]	15.8	[8.0,28.8]	70.0	[52.0,83.3]	0.0		100.0
≥ 100% (n = 35)	0.0		11.0	[4.2,25.6]	89.0	[74.4,95.8]	0.0		100.0
Pearson: Uncorrected chi2(6) =	12.6766								
Design-based F(5.29, 783.15) =	2.1446		Pr =	0.055					
Region									
UP/NW/NE (n=22)	6.4	[0.8,35.3]	36.5	[16.7,62.3]	45.0	[23.2,68.9]	12.1	[1.7,52.2]	100.0
W/E Central/E (n=42)	1.2	[0.2,8.3]	14.4	[6.9,27.7]	84.4	[71.0,92.3]	0.0		100.0
S Central/SW/SE (n=37)	5.1	[1.5,15.6]	5.8	[1.9,16.7]	89.1	[78.3,94.9]	0.0		100.0
Detroit Metro (n=59)	5.7	[1.7,17.3]	19.2	[8.9,36.8]	75.1	[57.9,86.9]	0.0		100.0
Pearson: Uncorrected chi2(9) =	26.7533								
Design-based F(7.19, 1064.25) =	3.8790		Pr =	0.000					
Low healthcare utilizers									
Yes (n=28)	0.0		9.1	[2.4,28.6]	90.9	[71.4,97.6]	0.0		100.0
No (n=132)	5.6	[2.5,12.2]	18.5	[11.1,29.1]	74.9	[64.2,83.3]	1.0	[0.1,6.6]	100.0
Pearson: Uncorrected chi2(3) =	4.5478								
Design-based F(2.98, 441.23) =	1.1691		Pr =	0.321					
High ER utilizers									
Yes (n=2)	0.0		65.7	[10.5,96.9]	34.3	[3.1,89.5]	0.0		100.0
No (n=158)	4.5	[2.0,9.8]	16.0	[9.8,25.1]	78.7	[69.4,85.8]	0.8	[0.1,5.3]	100.0
Pearson: Uncorrected chi2(3) =	2.6391								
Design-based F(2.74, 405.64) =	0.9303		Pr =	0.419					
Chronic disease (HEDIS)									
Chronic disease (HEDIS) (n=22)	10.1	[2.4,34.0]	8.6	[2.0,29.8]	75.5	[51.1,90.1]	5.8	[0.8,32.0]	100.0
No chronic disease (n=138)	3.6	[1.3,9.5]	17.7	[10.7,27.8]	78.8	[68.4,86.4]	0.0		100.0
Pearson: Uncorrected chi2(3) =	10.7564								
Design-based F(2.97, 440.09) =	3.0758		Pr =	0.028					
Mental health/substance use disorder (HEDIS)									
MH/SA (HEDIS) (n=69)	5.6	[2.3,12.7]	22.1	[11.8,37.5]	70.6	[55.4,82.2]	1.8	[0.3,12.1]	100.0
No MH/SA (n=91)	3.6	[0.8,14.4]	12.5	[5.7,25.2]	83.9	[70.8,91.8]	0.0		100.0
Pearson: Uncorrected chi2(3) =	5.0732								
Design-based F(2.91, 430.22) =	1.1440		Pr =	0.330					
Total (n=160)	4.4	[2.0,9.7]	16.5	[10.2,25.5]	78.3	[69.1,85.4]	0.8	[0.1,5.3]	100.0

3.39 Q: In the past 12 months, about how many days did you miss work because of illness or injury (do not include maternity leave)?

Universe: Respondents who are employed/self-employed, or out of work < 1 yr

	Mean	Std. Dev	CI	P-value
FPL category				0.0008
0-35% (n=594)	9.86	40.27	[6.62,13.10]	
36-99% (n=980)	8.84	29.46	[7.00, 10.69]	
≥ 100%(n = 735)	5.17	17.60	[3.89,6.44]	
Region				0.1382
UP/NW/NE (n=409)	7.86	29.60	[4.99,10.73]	
W/E Central/E (n=682)	7.10	30.39	[4.82,9.38]	
S Central/SW/SE (n=501)	10.97	37.55	[7.68,14.26]	
Detroit Metro (n=717)	6.65	22.10	[5.02,8.27]	
Low healthcare utilizers				0.0028
Yes (n=326)	3.36	18.64	[1.33,5.39]	
No (n=1,983)	8.69	31.18	[7.31,10.06]	
High ER utilizers				0.1314
Yes (n=81)	12.84	22.28	[7.98,17.70]	
No (n=2,228)	7.76	30.01	[6.51, 9.00]	
Chronic disease (HEDIS)				0.0078
Chronic disease (HEDIS) (n=526)	11.51	37.01	[8.35,14.68]	
No chronic disease (n=1,783)	6.88	27.21	[5.61,8.14]	
Mental health/substance use disorder (HEDIS)				0.0001
MH/SA (HEDIS) (n=1,040)	10.74	35.76	[8.56,12.91]	
No MH/SA (n=1,269)	5.64	23.56	[4.34,6.93]	
Total (n=2,309)	7.94	29.78	[6.72,9.15]	

¹ All models were tested for homogeneity of variance using Levene's test

² FPL categories violated Levene's test, $F(2,2306)= 17.73$, $p < 0.001$; Welch's ANOVA was conducted, $F(2,1271.14)= 7.206$, $p= 0.0008$

³ Region violated Levene's test, $F(3,2305)= 6.17$, $p= 0.0004$; Welch's ANOVA was conducted, $F(3,1105.65)= 1.840$, $p= 0.1382$

⁴ Low healthcare utilizers violated Levene's test, $F(1,2307)= 20.54$, $p < 0.001$; Welch's t-test was used, $t(2307)= -2.997$, $p= 0.0028$

⁵ High ER utilizers did not violate Levene's test, $F(1,2307)= 1.109$, $p= 0.31$; Student's t-test was used, $t(2307)= 1.509$, $p= 0.1314$

⁶ HEDIS Chronic Disease violated Levene's test, $F(1,2307)= 18.757$, $p < 0.001$; Welch's t-test was used, $t(701.185)= 2.668$, $p= 0.0078$

⁷ HEDIS MH/SA violated Levene's test, $F(1,2307)= 33.309$, $p < 0.001$; Welch's t-test was used, $t(1731.47)= 3.951$, $p= 0.0001$

3.40 Q: Compared to the 12 months before this time, was this more, less, or about the same?

Universe: Respondents who are employed/self-employed, or out of work < 1 yr

	Work days missed more/less								
	More		Less		About the same		Don't know		Total
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%
FPL category									
0-35% (n=604)	13.2	[10.4,16.7]	15.8	[12.4,19.9]	67.6	[62.7,72.1]	3.4	[1.8,6.3]	100.0
36-99% (n=990)	11.1	[9.0,13.6]	18.2	[15.6,21.2]	69.3	[65.8,72.6]	1.3	[0.7,2.5]	100.0
≥ 100% (n = 737)	14.0	[11.3,17.1]	15.5	[12.7,18.8]	69.6	[65.6,73.3]	1.0	[0.5,2.0]	100.0
Pearson: Uncorrected chi2(6) =	18.6730								
Design-based F(5.56, 12890.94) =	2.1555		Pr =	0.049					
Region									
UP/NW/NE (n=413)	10.7	[7.9,14.3]	15.9	[12.4,20.3]	72.3	[67.3,76.8]	1.1	[0.5,2.4]	100.0
W/E Central/E (n=692)	14.6	[11.8,17.9]	15.1	[12.4,18.4]	68.3	[64.2,72.1]	2.0	[1.1,3.7]	100.0
S Central/SW/SE (n=505)	13.4	[10.3,17.2]	19.8	[15.8,24.6]	65.3	[60.0,70.2]	1.5	[0.7,3.3]	100.0
Detroit Metro (n=721)	11.5	[9.0,14.6]	16.1	[13.0,19.8]	69.8	[65.4,73.9]	2.6	[1.2,5.3]	100.0
Pearson: Uncorrected chi2(9) =	12.1846								
Design-based F(7.53, 17469.23) =	1.0524		Pr =	0.393					
Low healthcare utilizers									
Yes (n=328)	6.8	[4.3,10.6]	13.0	[8.5,19.3]	78.0	[71.4,83.5]	2.2	[0.8,5.8]	100.0
No (n=2,003)	13.9	[12.2,15.9]	17.4	[15.4,19.5]	66.7	[64.0,69.2]	2.0	[1.2,3.3]	100.0
Pearson: Uncorrected chi2(3) =	24.1058								
Design-based F(2.90, 6721.98) =	3.6988		Pr =	0.012					
High ER utilizers									
Yes (n=81)	20.8	[12.5,32.6]	27.0	[16.9,40.3]	50.8	[36.9,64.6]	1.3	[0.2,8.9]	100.0
No (n=2,250)	12.3	[10.8,14.1]	16.2	[14.3,18.2]	69.4	[66.9,71.8]	2.1	[1.3,3.3]	100.0
Pearson: Uncorrected chi2(3) =	16.2328								
Design-based F(2.89, 6699.26) =	3.5091		Pr =	0.016					
Chronic disease (HEDIS)									
Chronic disease (HEDIS) (n=533)	13.5	[10.6,17.1]	20.9	[17.1,25.2]	62.1	[57.1,66.9]	3.4	[1.9,6.2]	100.0
No chronic disease (n=1,798)	12.4	[10.7,14.5]	15.5	[13.5,17.8]	70.3	[67.5,73.0]	1.7	[1.0,3.1]	100.0
Pearson: Uncorrected chi2(3) =	15.6083								
Design-based F(2.85, 6600.18) =	3.4783		Pr =	0.017					
Mental health/substance use disorder (HEDIS)									
MH/SA (HEDIS) (n=1,052)	14.9	[12.5,17.6]	21.0	[18.1,24.4]	61.7	[57.9,65.4]	2.3	[1.1,4.8]	100.0
No MH/SA (n=1,279)	10.9	[8.9,13.3]	13.1	[10.9,15.7]	74.1	[70.9,77.1]	1.8	[1.1,3.1]	100.0
Pearson: Uncorrected chi2(3) =	42.5592								
Design-based F(2.84, 6583.20) =	7.5758		Pr =	0.000					
Total (n=2,331)	12.7	[11.1,14.4]	16.6	[14.7,18.6]	68.7	[66.2,71.0]	2.1	[1.3,3.2]	100.0

3.41 Q: Has getting health insurance through the Healthy Michigan Plan helped you do a better job at work?

Universe: Respondents who are employed/self-employed

	Yes		Better job at work No		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=460)	73.5	[68.0,78.4]	21.6	[17.0,26.9]	4.9	[3.0,8.0]	100.0
36-99% (n=917)	69.3	[65.6,72.7]	25.7	[22.5,29.1]	5.1	[3.7,6.9]	100.0
≥ 100%(n = 700)	64.6	[60.3,68.6]	31.4	[27.5,35.6]	4.0	[2.5,6.3]	100.0
Pearson: Uncorrected chi2(4) =	16.6268						
Design-based F(3.73, 7709.45) =	2.5740	Pr =	0.040				
Region							
UP/NW/NE (n=376)	67.2	[61.5,72.5]	29.9	[24.8,35.5]	2.9	[1.4,5.7]	100.0
W/E Central/E (n=616)	66.6	[62.2,70.8]	27.2	[23.4,31.4]	6.2	[4.1,9.2]	100.0
S Central/SW/SE (n=445)	69.8	[64.6,74.6]	24.2	[20.0,29.1]	5.9	[3.9,9.0]	100.0
Detroit Metro (n=640)	71.4	[66.8,75.7]	24.9	[20.9,29.5]	3.6	[2.3,5.7]	100.0
Pearson: Uncorrected chi2(6) =	11.2086						
Design-based F(5.47, 11302.19) =	1.4491	Pr =	0.198				
Low healthcare utilizers							
Yes (n=278)	55.0	[47.3,62.6]	39.5	[32.2,47.3]	5.5	[3.1,9.4]	100.0
No (n=1,799)	72.2	[69.6,74.7]	23.2	[20.9,25.7]	4.6	[3.5,6.0]	100.0
Pearson: Uncorrected chi2(2) =	41.5849						
Design-based F(1.97, 4061.74) =	11.5738	Pr =	0.000				
High ER utilizers							
Yes (n=66)	85.7	[73.3,92.9]	9.3	[3.8,21.0]	5.0	[1.7,14.0]	100.0
No (n=2,011)	68.8	[66.1,71.3]	26.5	[24.2,29.0]	4.7	[3.7,6.0]	100.0
Pearson: Uncorrected chi2(2) =	11.4275						
Design-based F(1.97, 4070.70) =	4.1636	Pr =	0.016				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=476)	76.2	[70.9,80.8]	19.4	[15.1,24.5]	4.4	[2.7,7.2]	100.0
No chronic disease (n=1,601)	67.7	[64.7,70.5]	27.5	[24.9,30.4]	4.8	[3.6,6.3]	100.0
Pearson: Uncorrected chi2(2) =	12.0068						
Design-based F(1.99, 4100.90) =	4.2137	Pr =	0.015				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=914)	76.4	[72.9,79.7]	19.0	[16.1,22.4]	4.5	[3.2,6.4]	100.0
No MH/SA (n=1,163)	64.1	[60.5,67.5]	31.1	[27.8,34.5]	4.9	[3.5,6.7]	100.0
Pearson: Uncorrected chi2(2) =	39.7535						
Design-based F(2.00, 4128.26) =	13.0380	Pr =	0.000				
Total (n=2,077)	69.4	[66.8,71.8]	25.9	[23.6,28.4]	4.7	[3.7,6.0]	100.0

3.42 Q: Have you changed jobs in the last 12 months?

Universe: Respondents who are employed/self-employed

	Changed jobs past 12 months						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=438)	38.9	[33.0,45.2]	61.1	[54.8,67.0]	0.0		100.0
36-99% (n=868)	21.5	[18.2,25.3]	78.2	[74.4,81.6]	0.2	[0.0,1.6]	100.0
≥ 100% (n = 673)	22.2	[18.8,26.1]	77.8	[73.9,81.2]	0.0		100.0
Pearson: Uncorrected chi2(4) =	67.1483						
Design-based F(3.29, 6466.06) =	12.0175	Pr =	0.000				
Region							
UP/NW/NE (n=365)	22.1	[17.7,27.2]	77.9	[72.8,82.3]	0.0		100.0
W/E Central/E (n=586)	24.3	[20.5,28.5]	75.7	[71.5,79.5]	0.0		100.0
S Central/SW/SE (n=419)	28.7	[23.4,34.8]	71.3	[65.2,76.6]	0.0		100.0
Detroit Metro (n=609)	30.4	[25.6,35.7]	69.4	[64.1,74.2]	0.2	[0.0,1.4]	100.0
Pearson: Uncorrected chi2(6) =	11.9707						
Design-based F(4.18, 8231.33) =	1.8336	Pr =	0.116				
Low healthcare utilizers							
Yes (n=261)	29.7	[22.4,38.3]	70.3	[61.7,77.6]	0.0		100.0
No (n=1,718)	27.2	[24.4,30.1]	72.7	[69.8,75.5]	0.1	[0.0,0.7]	100.0
Pearson: Uncorrected chi2(2) =	1.2044						
Design-based F(1.94, 3819.57) =	0.2859	Pr =	0.745				
High ER utilizers							
Yes (n=62)	18.4	[10.0,31.4]	81.6	[68.6,90.0]	0.0		100.0
No (n=1,917)	27.9	[25.2,30.8]	72.0	[69.1,74.7]	0.1	[0.0,0.6]	100.0
Pearson: Uncorrected chi2(2) =	3.2790						
Design-based F(1.98, 3886.02) =	1.0308	Pr =	0.356				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=454)	22.6	[17.9,28.2]	76.9	[71.3,81.7]	0.4	[0.1,3.0]	100.0
No chronic disease (n=1,525)	28.8	[25.8,32.1]	71.2	[67.9,74.2]	0.0		100.0
Pearson: Uncorrected chi2(2) =	12.8376						
Design-based F(2.00, 3932.86) =	3.7453	Pr =	0.024				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=874)	29.2	[25.2,33.6]	70.8	[66.4,74.8]	0.0		100.0
No MH/SA (n=1,105)	26.4	[22.9,30.2]	73.5	[69.7,77.0]	0.2	[0.0,1.1]	100.0
Pearson: Uncorrected chi2(2) =	3.2435						
Design-based F(1.99, 3919.29) =	0.8750	Pr =	0.417				
Total (n=1,979)	27.6	[24.9,30.4]	72.3	[69.5,75.0]	0.1	[0.0,0.6]	100.0

3.43 Q: How much do you agree or disagree with the following statement: Having health insurance through the Healthy Michigan Plan helped me get a better job.

Universe: Respondents who have changed jobs in the last 12 months

	HMP helped get better job												Total Row%
	Strongly agree		Agree		Neutral		Disagree		Strongly disagree		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%
FPL category													
0-35% (n=144)	9.7	[5.1,17.8]	30.6	[21.3,41.9]	20.1	[13.2,29.4]	33.0	[23.8,43.8]	4.2	[1.6,10.2]	2.3	[0.7,7.2]	100.0
36-99% (n=161)	6.4	[3.4,11.7]	31.1	[23.0,40.4]	22.2	[15.5,30.8]	33.4	[24.5,43.6]	5.5	[2.5,11.4]	1.5	[0.4,6.0]	100.0
≥ 100% (n = 142)	5.1	[2.3,10.7]	23.7	[16.3,33.2]	23.5	[16.5,32.3]	34.5	[26.5,43.4]	12.2	[7.1,20.1]	1.0	[0.2,3.9]	100.0
Pearson: Uncorrected chi2(10) =	12.2184												
Design-based F(9.03, 3929.93) =	0.9444		Pr =	0.485									
Region													
UP/NW/NE (n=76)	6.0	[2.3,14.8]	27.4	[17.5,40.1]	24.6	[15.5,36.8]	38.1	[26.9,50.7]	2.9	[0.7,11.9]	1.1	[0.1,7.2]	100.0
W/E Central/E (n=128)	7.5	[3.8,14.5]	22.8	[15.9,31.4]	22.4	[15.0,32.0]	38.1	[29.1,48.0]	8.7	[4.6,15.8]	0.5	[0.1,3.4]	100.0
S Central/SW/SE (n=101)	6.6	[2.8,15.0]	35.2	[23.4,49.1]	20.0	[12.9,29.7]	27.2	[18.1,38.8]	6.9	[3.3,13.7]	4.1	[1.4,11.6]	100.0
Detroit Metro (n=142)	8.5	[4.2,16.4]	30.1	[21.0,41.0]	21.2	[14.1,30.7]	33.1	[23.7,44.1]	5.6	[2.6,11.9]	1.5	[0.3,6.8]	100.0
Pearson: Uncorrected chi2(15) =	11.5192												
Design-based F(12.31, 5355.18) =	0.6885		Pr =	0.768									
Low healthcare utilizers													
Yes (n=59)	5.6	[1.9,15.6]	29.7	[15.2,49.9]	27.9	[15.7,44.4]	26.7	[15.1,42.6]	5.3	[2.1,12.6]	4.9	[1.2,18.5]	100.0
No (n=388)	8.1	[5.1,12.7]	29.1	[23.4,35.5]	20.2	[15.7,25.6]	34.9	[28.8,41.6]	6.6	[4.1,10.4]	1.1	[0.5,2.6]	100.0
Pearson: Uncorrected chi2(5) =	9.2494												
Design-based F(4.39, 1908.68) =	1.0809		Pr =	0.366									
High ER utilizers													
Yes (n=15)	7.1	[1.6,26.1]	43.6	[19.8,70.7]	35.7	[12.3,68.7]	7.1	[1.0,37.7]	6.5	[0.9,35.5]	0.0		100.0
No (n=432)	7.7	[5.0,11.7]	28.8	[23.2,35.2]	21.2	[16.7,26.4]	34.1	[28.4,40.4]	6.4	[4.2,9.7]	1.8	[0.8,4.1]	100.0
Pearson: Uncorrected chi2(5) =	4.3551												
Design-based F(4.31, 1876.48) =	0.9792		Pr =	0.422									
Chronic disease (HEDIS)													
Chronic disease (HEDIS) (n=88)	8.2	[2.6,23.0]	28.7	[18.6,41.4]	28.8	[17.2,44.0]	27.3	[17.5,40.0]	5.4	[2.0,13.5]	1.7	[0.4,6.8]	100.0
No chronic disease (n=359)	7.6	[4.8,11.9]	29.3	[23.0,36.4]	20.1	[15.5,25.6]	34.7	[28.3,41.6]	6.6	[4.2,10.3]	1.8	[0.7,4.5]	100.0
Pearson: Uncorrected chi2(5) =	3.3315												
Design-based F(4.53, 1970.24) =	0.4901		Pr =	0.766									
Mental health/substance use disorder (HEDIS)													
MH/SA (HEDIS) (n=221)	7.9	[4.1,14.7]	32.1	[24.1,41.3]	20.0	[14.3,27.4]	28.6	[21.2,37.3]	9.2	[5.4,15.4]	2.1	[0.9,5.2]	100.0
No MH/SA (n=226)	7.5	[4.2,13.0]	26.8	[19.5,35.5]	22.7	[16.5,30.4]	37.6	[29.6,46.2]	4.0	[2.1,7.6]	1.5	[0.3,6.1]	100.0
Pearson: Uncorrected chi2(5) =	9.1531												
Design-based F(4.89, 2125.78) =	1.1435		Pr =	0.335									
Total (n=447)	7.7	[5.0,11.6]	29.2	[23.6,35.4]	21.5	[17.1,26.7]	33.5	[27.8,39.6]	6.4	[4.2,9.6]	1.8	[0.8,4.0]	100.0

3.44 Q: How much do you agree or disagree with the following statement: Having health insurance through the Healthy Michigan Plan has made me better able to look for a job.

Universe: Respondents who are out of work for > 1 yr, or out of work for < 1 yr

	HMP helped me look for job												Total Row%
	Strongly agree		Agree		Neutral		Disagree		Strongly disagree		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%
FPL category													
0-35% (n=659)	16.2	[13.1,19.8]	39.3	[34.9,43.9]	17.6	[14.0,21.9]	17.7	[14.0,22.1]	3.6	[2.3,5.7]	5.6	[3.7,8.2]	100.0
36-99% (n=210)	20.4	[14.5,27.9]	32.6	[26.0,40.0]	23.8	[16.8,32.6]	14.4	[9.5,21.2]	4.2	[2.0,8.6]	4.6	[1.7,11.7]	100.0
≥ 100% (n = 88)	5.6	[2.0,14.6]	40.0	[28.9,52.2]	30.7	[20.7,42.8]	16.6	[10.2,25.9]	0.4	[0.1,2.6]	6.8	[2.9,15.3]	100.0
Pearson: Uncorrected chi2(10) =	16.3161												
Design-based F(8.70, 8218.13) =	1.6556		Pr =	0.097									
Region													
UP/NW/NE (n=158)	11.2	[6.9,17.7]	47.9	[38.8,57.2]	15.6	[10.7,22.3]	15.5	[10.0,23.4]	6.3	[2.5,15.0]	3.4	[1.6,7.4]	100.0
W/E Central/E (n=317)	16.2	[12.1,21.3]	41.8	[35.7,48.1]	19.1	[14.7,24.4]	12.3	[8.6,17.1]	1.7	[0.7,3.7]	9.0	[5.4,14.7]	100.0
S Central/SW/SE (n=185)	16.1	[11.1,22.7]	41.4	[32.8,50.5]	15.0	[10.5,20.9]	16.9	[11.5,24.2]	5.4	[2.5,11.0]	5.2	[2.4,10.7]	100.0
Detroit Metro (n=297)	17.0	[12.7,22.5]	33.6	[27.8,39.9]	21.5	[16.0,28.3]	20.6	[15.1,27.4]	3.6	[1.9,6.8]	3.7	[1.9,7.1]	100.0
Pearson: Uncorrected chi2(15) =	32.3284												
Design-based F(12.82, 12118.19) =	1.8684		Pr =	0.029									
Low healthcare utilizers													
Yes (n=140)	9.7	[5.3,17.4]	31.5	[23.4,41.0]	24.1	[15.8,35.0]	22.2	[14.3,33.0]	3.7	[1.2,10.7]	8.7	[4.0,17.8]	100.0
No (n=817)	17.7	[14.7,21.2]	40.0	[35.8,44.2]	18.1	[14.9,21.9]	15.9	[12.7,19.8]	3.5	[2.3,5.2]	4.7	[3.3,6.8]	100.0
Pearson: Uncorrected chi2(5) =	18.9666												
Design-based F(4.91, 4644.17) =	1.8554		Pr =	0.100									
High ER utilizers													
Yes (n=40)	21.1	[10.7,37.4]	42.5	[25.6,61.3]	18.4	[5.7,45.4]	15.8	[6.6,33.4]	0.0		2.2	[0.3,14.5]	100.0
No (n=917)	16.0	[13.2,19.1]	38.1	[34.3,42.1]	19.3	[16.1,23.0]	17.2	[14.0,21.0]	3.7	[2.5,5.5]	5.7	[4.0,8.0]	100.0
Pearson: Uncorrected chi2(5) =	3.6893												
Design-based F(4.14, 3907.58) =	0.4383		Pr =	0.787									
Chronic disease (HEDIS)													
Chronic disease (HEDIS) (n=281)	16.8	[12.3,22.4]	37.6	[31.0,44.6]	18.1	[12.6,25.3]	17.0	[11.9,23.9]	5.8	[3.1,10.6]	4.8	[2.5,8.8]	100.0
No chronic disease (n=676)	16.0	[12.9,19.7]	38.6	[34.2,43.3]	19.7	[16.0,24.0]	17.2	[13.5,21.6]	2.8	[1.7,4.6]	5.7	[3.8,8.6]	100.0
Pearson: Uncorrected chi2(5) =	5.2753												
Design-based F(4.90, 4633.07) =	0.7114		Pr =	0.612									
Mental health/substance use disorder (HEDIS)													
MH/SA (HEDIS) (n=510)	17.4	[13.7,21.8]	38.4	[33.5,43.6]	19.6	[15.5,24.3]	14.5	[11.1,18.9]	4.5	[2.7,7.5]	5.6	[3.5,8.7]	100.0
No MH/SA (n=447)	15.0	[11.5,19.5]	38.2	[32.7,44.1]	19.0	[14.4,24.7]	19.7	[14.8,25.7]	2.6	[1.4,4.6]	5.4	[3.2,9.1]	100.0
Pearson: Uncorrected chi2(5) =	7.1073												
Design-based F(4.91, 4637.11) =	0.8787		Pr =	0.493									
Total (n=957)	16.2	[13.5,19.3]	38.3	[34.6,42.2]	19.3	[16.1,22.9]	17.2	[14.0,20.8]	3.5	[2.4,5.2]	5.5	[3.9,7.7]	100.0

3.45 Q: In the past 12 months, about how many days were you unable to do your activities because of illness or injury?

Universe: Respondents who are retired, homemakers, or unable to work

	Mean	Std. Dev	CI	P-value
FPL category				< 0.0001
0-35% (n=359)	172.65	154.56	[156.64,188.66]	
36-99% (n=247)	74.70	112.00	[59.72,89.69]	
≥ 100%(n = 203)	85.30	131.94	[67.12,103.47]	
Region				0.2555
UP/NW/NE (n=175)	106.75	140.29	[85.93,127.57]	
W/E Central/E (n=260)	133.81	150.16	[115.53,152.09]	
S Central/SW/SE (n=156)	123.29	145.99	[100.35,146.23]	
Detroit Metro (n=218)	114.88	147.18	[95.31,134.45]	
Low healthcare utilizers				< 0.0001
Yes (n=40)	48.76	99.37	[16.99,80.56]	
No (n=769)	124.57	147.69	[114.12,135.03]	
High ER utilizers				0.0016
Yes (n=41)	191.07	140.90	[146.60, 235.55]	
No (n=768)	117.08	146.00	[106.73,127.42]	
Chronic disease (HEDIS)				< 0.0001
Chronic disease (HEDIS) (n=342)	148.96	152.46	[132.74,165.18]	
No chronic disease (n=467)	100.22	138.67	[87.62,112.83]	
Mental health/substance use disorder (HEDIS)				< 0.0001
MH/SA (HEDIS) (n=485)	160.41	152.32	[146.82,174.00]	
No MH/SA (n=324)	61.57	114.42	[49.06,74.07]	
Total (n=809)	120.82	146.56	[110.71,130.94]	

¹ All models were tested for homogeneity of variance using Levene's test

² FPL categories violated Levene's test, $F(2,806) = 40.195$, $p < 0.0001$; Welch's ANOVA was used, $F(2,495.64) = 43.654$, $p < 0.0001$

³ Region did not violate Levene's test, $F(3,805) = 1.97$, $p = 0.1168$; ANOVA was used, $F(3,805) = 1.35$, $p = 0.2555$

⁴ Low healthcare utilizers violated Levene's test, $F(1,807) = 35.58$, $p < 0.0001$; Welch's t-test was used, $t(48.927) = -4.5689$, $p < 0.0001$

⁵ High ER utilizers did not violate Levene's test, $F(1,807) = 0.521$, $p = 0.4707$; Student's t-test was used, $t(807) = 3.167$, $p = 0.0016$

⁶ HEDIS Chronic Disease violated Levene's test, $F(1,807) = 19.446$, $p < 0.0001$; Welch's t-test was used, $t(694.997) = 4.665$, $p < 0.0001$

⁷ HEDIS MH/SA violated Levene's test, $F(1,807) = 128.37$, $p < 0.0001$; Welch's t-test was used, $t(798.115) = 10.522$, $p < 0.0001$

3.46 Q: Compared to the 12 months before this time, was this more, less, or about the same?

Universe: Respondents who are either retired, homemaker, or unable to work

	Activity days missed more/less								
	More		Less		About the same		Don't know		Total
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%
FPL category									
0-35% (n=382)	20.4	[15.6,26.1]	20.2	[15.2,26.2]	56.8	[50.4,63.1]	2.6	[1.3,5.2]	100.0
36-99% (n=263)	16.1	[11.6,21.8]	14.4	[10.3,19.9]	65.9	[58.7,72.4]	3.6	[1.3,9.7]	100.0
≥ 100% (n = 214)	16.6	[11.5,23.4]	9.8	[6.4,14.8]	68.0	[60.0,75.0]	5.6	[2.3,13.0]	100.0
Pearson: Uncorrected chi2(6) =	17.0486								
Design-based F(5.57, 4718.37) =	1.9748	Pr =	0.071						
Region									
UP/NW/NE (n=184)	16.2	[11.0,23.2]	12.8	[8.4,18.9]	67.7	[59.8,74.8]	3.3	[1.4,7.7]	100.0
W/E Central/E (n=278)	20.6	[15.7,26.6]	16.4	[11.8,22.3]	62.0	[55.2,68.3]	1.1	[0.3,3.6]	100.0
S Central/SW/SE (n=164)	17.6	[11.6,25.8]	17.4	[10.9,26.5]	63.0	[53.6,71.6]	2.0	[0.7,5.5]	100.0
Detroit Metro (n=233)	18.1	[12.7,25.3]	18.0	[12.4,25.3]	58.1	[50.1,65.8]	5.8	[3.0,10.7]	100.0
Pearson: Uncorrected chi2(9) =	14.2956								
Design-based F(7.71, 6532.88) =	1.2846	Pr =	0.248						
Low healthcare utilizers									
Yes (n=40)	20.4	[5.0,55.4]	17.8	[5.5,44.5]	60.0	[34.9,80.7]	1.9	[0.3,12.4]	100.0
No (n=819)	18.5	[15.4,22.1]	16.8	[13.6,20.6]	61.2	[56.8,65.4]	3.5	[2.1,5.7]	100.0
Pearson: Uncorrected chi2(3) =	0.3854								
Design-based F(2.25, 1909.12) =	0.0565	Pr =	0.959						
High ER utilizers									
Yes (n=45)	17.9	[8.5,33.8]	17.2	[7.4,35.1]	62.6	[44.9,77.4]	2.4	[0.6,9.3]	100.0
No (n=814)	18.6	[15.4,22.5]	16.8	[13.5,20.7]	61.1	[56.6,65.4]	3.5	[2.1,5.7]	100.0
Pearson: Uncorrected chi2(3) =	0.2349								
Design-based F(2.68, 2267.13) =	0.0555	Pr =	0.975						
Chronic disease (HEDIS)									
Chronic disease (HEDIS) (n=370)	18.7	[14.6,23.6]	13.0	[9.1,18.3]	66.2	[60.1,71.9]	2.1	[1.0,4.1]	100.0
No chronic disease (n=489)	18.5	[14.1,23.9]	19.5	[15.1,24.9]	57.6	[51.7,63.2]	4.4	[2.4,7.9]	100.0
Pearson: Uncorrected chi2(3) =	11.0727								
Design-based F(2.94, 2486.40) =	2.4010	Pr =	0.067						
Mental health/substance use disorder (HEDIS)									
MH/SA (HEDIS) (n=521)	19.2	[15.5,23.5]	18.4	[14.3,23.4]	58.6	[53.1,63.8]	3.9	[2.1,6.9]	100.0
No MH/SA (n=338)	17.6	[12.1,24.8]	14.1	[9.8,19.9]	65.6	[58.2,72.3]	2.7	[1.1,6.2]	100.0
Pearson: Uncorrected chi2(3) =	4.8668								
Design-based F(2.99, 2530.06) =	0.8910	Pr =	0.445						
Total (n=859)	18.6	[15.4,22.2]	16.8	[13.7,20.6]	61.2	[56.8,65.3]	3.4	[2.1,5.5]	100.0

3.47 Q: During the 12 months before you were enrolled in the Healthy Michigan Plan, about how much did you spend out-of-pocket for your own medical and dental care?

Universe: All respondents

	OOP categories pre-HMP																
	Less than \$50		\$51-100		\$101-500		\$501-2000		\$2001-3000		\$3001-5000		More than \$5000		Don't know		Total
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%
FPL category																	
0-35% (n=1,596)	44.8	[41.8,47.9]	8.7	[7.1,10.6]	20.8	[18.3,23.6]	12.8	[10.9,14.9]	4.8	[3.5,6.5]	2.8	[2.0,4.0]	2.4	[1.7,3.5]	2.8	[1.9,4.2]	100.0
36-99% (n=1,447)	39.9	[36.9,43.0]	8.7	[7.3,10.4]	25.7	[22.9,28.7]	14.6	[12.6,17.0]	3.4	[2.5,4.6]	3.0	[2.2,4.2]	2.1	[1.3,3.2]	2.6	[1.6,4.1]	100.0
≥ 100% (n = 1,039)	39.4	[35.9,43.0]	9.9	[7.9,12.2]	24.0	[21.1,27.2]	17.9	[15.4,20.7]	3.0	[2.0,4.3]	2.1	[1.4,3.1]	2.4	[1.4,4.1]	1.4	[0.8,2.5]	100.0
Pearson: Uncorrected chi2(14) =	40.0503																
Design-based F(13.19, 53703.13) =	2.1128	Pr = 0.010															
Region																	
UP/NW/NE (n=745)	39.6	[35.7,43.7]	7.3	[5.6,9.6]	23.2	[19.9,26.8]	17.9	[14.9,21.4]	4.1	[2.8,6.0]	2.8	[1.8,4.3]	3.8	[2.4,5.9]	1.2	[0.6,2.2]	100.0
W/E Central/E (n=1,262)	44.2	[41.0,47.4]	9.6	[7.8,11.7]	22.5	[19.9,25.3]	13.8	[11.8,16.0]	2.6	[1.8,3.7]	2.9	[2.1,4.1]	2.8	[1.9,4.0]	1.7	[1.1,2.5]	100.0
S Central/SW/SE (n=836)	42.6	[38.6,46.7]	8.6	[6.4,11.6]	22.2	[18.9,25.8]	15.0	[12.4,17.9]	4.9	[3.2,7.5]	2.8	[1.8,4.3]	1.4	[0.7,2.7]	2.6	[1.6,4.2]	100.0
Detroit Metro (n=1,239)	41.6	[38.2,45.1]	9.0	[7.3,11.0]	23.3	[20.4,26.4]	13.7	[11.5,16.2]	4.6	[3.3,6.4]	2.5	[1.6,3.9]	2.1	[1.3,3.5]	3.2	[2.1,5.0]	100.0
Pearson: Uncorrected chi2(21) =	34.6535																
Design-based F(18.05, 73481.70) =	1.3177	Pr = 0.164															
Low healthcare utilizers																	
Yes (n=490)	53.3	[47.4,59.1]	7.9	[5.0,12.3]	21.5	[16.8,27.0]	8.4	[6.1,11.5]	2.6	[1.3,5.1]	1.8	[0.9,3.6]	1.2	[0.4,3.5]	3.3	[1.6,6.7]	100.0
No (n=3,592)	40.4	[38.4,42.4]	9.1	[8.1,10.3]	23.1	[21.4,24.9]	15.4	[14.0,16.9]	4.3	[3.4,5.3]	2.9	[2.3,3.6]	2.5	[1.9,3.3]	2.3	[1.7,3.2]	100.0
Pearson: Uncorrected chi2(7) =	51.9776																
Design-based F(6.68, 27180.35) =	3.4986	Pr = 0.001															
High ER utilizers																	
Yes (n=156)	40.8	[31.3,51.2]	4.4	[1.7,11.4]	18.3	[12.3,26.4]	16.5	[10.8,24.4]	9.7	[4.2,20.7]	2.8	[1.2,6.8]	6.9	[3.5,13.1]	0.5	[0.1,3.2]	100.0
No (n=3,926)	42.4	[40.5,44.4]	9.2	[8.1,10.4]	23.0	[21.4,24.8]	14.2	[12.9,15.6]	3.8	[3.0,4.7]	2.7	[2.2,3.4]	2.1	[1.6,2.8]	2.6	[1.9,3.4]	100.0
Pearson: Uncorrected chi2(7) =	42.1470																
Design-based F(6.01, 24445.33) =	3.5603	Pr = 0.002															
Chronic disease (HEDIS)																	
Chronic disease (HEDIS) (n=1,159)	35.5	[32.1,39.0]	7.8	[6.3,9.7]	25.5	[22.5,28.8]	15.6	[13.2,18.3]	5.3	[3.8,7.2]	4.0	[2.8,5.7]	3.3	[2.2,4.9]	3.0	[1.7,5.3]	100.0
No chronic disease (n=2,923)	44.7	[42.3,47.0]	9.3	[8.1,10.8]	21.9	[20.0,24.0]	13.9	[12.4,15.5]	3.6	[2.7,4.7]	2.3	[1.7,3.0]	2.0	[1.4,2.8]	2.3	[1.7,3.2]	100.0
Pearson: Uncorrected chi2(7) =	43.8700																
Design-based F(6.60, 26877.87) =	3.8942	Pr = 0.000															
Mental health/substance use disorder (HEDIS)																	
MH/SA (HEDIS) (n=2,029)	40.9	[38.2,43.7]	8.4	[7.0,10.1]	22.1	[19.8,24.5]	15.6	[13.8,17.6]	5.1	[3.8,6.7]	3.3	[2.5,4.4]	2.6	[1.9,3.6]	2.0	[1.3,3.0]	100.0
No MH/SA (n=2,053)	43.7	[40.9,46.5]	9.4	[8.0,11.1]	23.6	[21.2,26.1]	13.1	[11.4,15.0]	3.0	[2.2,4.2]	2.2	[1.5,3.0]	2.1	[1.4,3.1]	2.9	[2.0,4.3]	100.0
Pearson: Uncorrected chi2(7) =	29.3855																
Design-based F(6.91, 28130.95) =	2.4848	Pr = 0.015															
Total (n=4,082)	42.4	[40.4,44.3]	8.9	[7.9,10.1]	22.8	[21.2,24.6]	14.3	[13.0,15.7]	4.0	[3.3,5.0]	2.7	[2.2,3.4]	2.3	[1.8,3.0]	2.5	[1.9,3.3]	100.0

3.48 Q: In the 12 months before enrolling in the Healthy Michigan Plan, did you have problems paying medical bills?

Universe: All respondents

	Problems paying bills pre-HMP						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,597)	47.2	[44.1,50.3]	52.7	[49.6,55.8]	0.1	[0.0,0.5]	100.0
36-99% (n=1,448)	41.8	[38.7,44.8]	57.3	[54.2,60.3]	1.0	[0.5,1.8]	100.0
≥ 100%(n = 1,040)	42.4	[38.9,45.9]	57.2	[53.7,60.7]	0.4	[0.2,1.1]	100.0
Pearson: Uncorrected chi2(4) =	21.5757						
Design-based F(3.80, 15488.37) =	4.6495	Pr =	0.001				
Region							
UP/NW/NE (n=746)	46.8	[42.7,50.9]	52.9	[48.8,57.0]	0.3	[0.1,0.9]	100.0
W/E Central/E (n=1,263)	43.4	[40.3,46.6]	56.0	[52.8,59.1]	0.6	[0.3,1.3]	100.0
S Central/SW/SE (n=835)	46.5	[42.4,50.6]	52.9	[48.8,56.9]	0.6	[0.3,1.6]	100.0
Detroit Metro (n=1,241)	44.3	[40.9,47.8]	55.4	[51.9,58.8]	0.3	[0.1,0.7]	100.0
Pearson: Uncorrected chi2(6) =	5.4197						
Design-based F(5.16, 21001.27) =	0.8452	Pr =	0.520				
Low healthcare utilizers							
Yes (n=490)	33.1	[27.9,38.8]	66.8	[61.1,72.0]	0.1	[0.0,0.9]	100.0
No (n=3,595)	46.8	[44.7,48.8]	52.8	[50.7,54.8]	0.5	[0.3,0.8]	100.0
Pearson: Uncorrected chi2(2) =	42.5298						
Design-based F(1.65, 6735.81) =	14.7870	Pr =	0.000				
High ER utilizers							
Yes (n=156)	62.9	[52.2,72.4]	36.4	[26.9,47.1]	0.7	[0.1,4.9]	100.0
No (n=3,929)	43.8	[41.9,45.8]	55.7	[53.7,57.7]	0.4	[0.3,0.7]	100.0
Pearson: Uncorrected chi2(2) =	26.1857						
Design-based F(1.89, 7684.95) =	7.7318	Pr =	0.001				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,160)	56.6	[53.0,60.2]	43.0	[39.5,46.7]	0.4	[0.1,1.1]	100.0
No chronic disease (n=2,925)	40.7	[38.4,43.0]	58.9	[56.6,61.1]	0.5	[0.3,0.8]	100.0
Pearson: Uncorrected chi2(2) =	78.8906						
Design-based F(1.97, 8029.31) =	29.7041	Pr =	0.000				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,031)	52.1	[49.3,54.8]	47.7	[44.9,50.5]	0.2	[0.1,0.5]	100.0
No MH/SA (n=2,054)	37.8	[35.1,40.5]	61.6	[58.9,64.3]	0.6	[0.4,1.1]	100.0
Pearson: Uncorrected chi2(2) =	86.6345						
Design-based F(1.80, 7329.93) =	34.8948	Pr =	0.000				
Total (n=4,085)	44.7	[42.7,46.6]	54.9	[52.9,56.8]	0.4	[0.3,0.7]	100.0

3.49 Q: Have you been contacted by a collections agency?

Universe: Respondents who had problems paying medical bills

	Contacted by collections						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=772)	68.2	[63.8,72.2]	30.4	[26.4,34.7]	1.4	[0.6,3.3]	100.0
36-99% (n=641)	67.4	[63.1,71.5]	31.6	[27.6,35.9]	1.0	[0.5,2.0]	100.0
≥ 100% (n = 456)	63.7	[58.5,68.7]	36.3	[31.3,41.5]	0.0		100.0
Pearson: Uncorrected chi2(4) =	8.5488						
Design-based F(3.17, 5888.30) =	1.4440	Pr =	0.226				
Region							
UP/NW/NE (n=354)	68.3	[62.7,73.4]	31.2	[26.1,36.8]	0.5	[0.1,2.3]	100.0
W/E Central/E (n=564)	64.5	[59.9,68.9]	35.2	[30.8,39.9]	0.3	[0.1,1.2]	100.0
S Central/SW/SE (n=407)	72.5	[67.3,77.1]	26.1	[21.6,31.3]	1.4	[0.6,3.2]	100.0
Detroit Metro (n=544)	66.2	[61.1,71.0]	32.4	[27.6,37.4]	1.4	[0.5,3.9]	100.0
Pearson: Uncorrected chi2(6) =	12.8122						
Design-based F(5.06, 9405.06) =	1.8892	Pr =	0.092				
Low healthcare utilizers							
Yes (n=165)	66.4	[56.1,75.3]	31.3	[22.8,41.3]	2.3	[0.3,14.6]	100.0
No (n=1,704)	67.2	[64.4,70.0]	31.9	[29.2,34.8]	0.9	[0.5,1.5]	100.0
Pearson: Uncorrected chi2(2) =	3.9907						
Design-based F(1.83, 3405.60) =	0.6572	Pr =	0.506				
High ER utilizers							
Yes (n=106)	82.7	[68.0,91.5]	16.9	[8.1,31.7]	0.5	[0.1,3.4]	100.0
No (n=1,763)	66.1	[63.2,68.9]	32.8	[30.1,35.7]	1.1	[0.5,2.1]	100.0
Pearson: Uncorrected chi2(2) =	13.5449						
Design-based F(1.41, 2620.75) =	3.8984	Pr =	0.034				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=666)	70.3	[66.1,74.3]	28.9	[25.0,33.1]	0.8	[0.3,2.2]	100.0
No chronic disease (n=1,203)	65.7	[62.1,69.1]	33.2	[29.8,36.8]	1.1	[0.5,2.5]	100.0
Pearson: Uncorrected chi2(2) =	4.0902						
Design-based F(1.99, 3703.01) =	1.3692	Pr =	0.254				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=1,077)	71.9	[68.4,75.1]	27.5	[24.3,31.0]	0.7	[0.3,1.5]	100.0
No MH/SA (n=792)	61.1	[56.6,65.4]	37.4	[33.2,41.9]	1.5	[0.6,3.8]	100.0
Pearson: Uncorrected chi2(2) =	25.3295						
Design-based F(2.00, 3708.11) =	7.3983	Pr =	0.001				
Total (n=1,869)	67.1	[64.4,69.8]	31.8	[29.2,34.6]	1.0	[0.5,2.0]	100.0

3.50 Q: Have you thought about filing for bankruptcy?

Universe: Respondents who had problems paying medical bills

	Thought about bankruptcy						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=772)	33.5	[29.4,37.8]	66.2	[61.9,70.3]	0.3	[0.1,0.9]	100.0
36-99% (n=641)	26.7	[22.9,30.9]	72.8	[68.6,76.6]	0.5	[0.1,2.2]	100.0
≥ 100%(n = 456)	28.3	[23.8,33.4]	71.3	[66.3,75.9]	0.3	[0.0,2.3]	100.0
Pearson: Uncorrected chi2(4) =	8.6600						
Design-based F(3.91, 7269.77) =	1.7727	Pr =	0.133				
Region							
UP/NW/NE (n=354)	29.1	[24.0,34.7]	70.9	[65.3,76.0]	0.0		100.0
W/E Central/E (n=564)	30.0	[25.8,34.6]	69.3	[64.7,73.6]	0.6	[0.2,2.2]	100.0
S Central/SW/SE (n=407)	25.3	[20.6,30.7]	74.1	[68.7,78.9]	0.5	[0.1,2.2]	100.0
Detroit Metro (n=544)	33.9	[29.2,39.0]	66.0	[60.9,70.7]	0.1	[0.0,0.9]	100.0
Pearson: Uncorrected chi2(6) =	12.3242						
Design-based F(5.59, 10380.97) =	1.7358	Pr =	0.114				
Low healthcare utilizers							
Yes (n=165)	28.5	[20.3,38.4]	71.5	[61.6,79.7]	0.0		100.0
No (n=1,704)	31.0	[28.3,33.9]	68.6	[65.7,71.3]	0.4	[0.2,0.9]	100.0
Pearson: Uncorrected chi2(2) =	1.4068						
Design-based F(1.85, 3429.93) =	0.4211	Pr =	0.640				
High ER utilizers							
Yes (n=106)	36.6	[26.3,48.2]	63.4	[51.8,73.7]	0.0		100.0
No (n=1,763)	30.3	[27.6,33.2]	69.3	[66.5,72.0]	0.4	[0.2,0.8]	100.0
Pearson: Uncorrected chi2(2) =	2.3431						
Design-based F(1.96, 3630.79) =	0.8364	Pr =	0.431				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=666)	36.2	[31.8,40.8]	63.8	[59.2,68.2]	0.0		100.0
No chronic disease (n=1,203)	28.2	[25.0,31.6]	71.3	[67.9,74.5]	0.5	[0.2,1.1]	100.0
Pearson: Uncorrected chi2(2) =	14.7257						
Design-based F(1.97, 3653.87) =	5.4845	Pr =	0.004				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=1,077)	35.6	[32.1,39.3]	63.9	[60.2,67.5]	0.5	[0.2,1.2]	100.0
No MH/SA (n=792)	24.4	[20.7,28.6]	75.4	[71.3,79.1]	0.1	[0.0,1.0]	100.0
Pearson: Uncorrected chi2(2) =	29.1395						
Design-based F(1.93, 3584.83) =	10.2524	Pr =	0.000				
Total (n=1,869)	30.7	[28.1,33.5]	68.9	[66.2,71.6]	0.3	[0.1,0.8]	100.0

3.51 Q: Did you file for bankruptcy?

Universe: Respondents who filed for bankruptcy

	Filed for bankruptcy						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=247)	15.7	[10.7,22.4]	82.9	[75.9,88.2]	1.4	[0.3,7.2]	100.0
36-99% (n=177)	33.5	[26.1,41.9]	66.5	[58.1,73.9]	0.0		100.0
≥ 100% (n = 135)	25.2	[17.5,34.7]	74.8	[65.3,82.5]	0.0		100.0
Pearson: Uncorrected chi2(4) =	21.1413						
Design-based F(2.58, 1410.75) =	3.4268	Pr =	0.022				
Region							
UP/NW/NE (n=104)	17.7	[10.4,28.3]	80.8	[70.0,88.4]	1.5	[0.2,9.9]	100.0
W/E Central/E (n=166)	21.3	[15.1,29.1]	78.7	[70.9,84.9]	0.0		100.0
S Central/SW/SE (n=100)	22.2	[15.0,31.5]	77.8	[68.5,85.0]	0.0		100.0
Detroit Metro (n=189)	22.0	[15.7,29.9]	76.6	[68.4,83.2]	1.5	[0.2,9.7]	100.0
Pearson: Uncorrected chi2(6) =	4.0444						
Design-based F(3.47, 1898.09) =	0.4917	Pr =	0.715				
Low healthcare utilizers							
Yes (n=45)	24.4	[11.9,43.4]	75.6	[56.6,88.1]	0.0		100.0
No (n=514)	21.1	[17.1,25.7]	78.0	[73.2,82.1]	0.9	[0.2,4.8]	100.0
Pearson: Uncorrected chi2(2) =	0.8408						
Design-based F(1.90, 1038.01) =	0.1585	Pr =	0.843				
High ER utilizers							
Yes (n=38)	12.6	[3.7,35.1]	87.4	[64.9,96.3]	0.0		100.0
No (n=521)	22.1	[18.1,26.8]	77.0	[72.1,81.2]	0.9	[0.2,4.7]	100.0
Pearson: Uncorrected chi2(2) =	2.5347						
Design-based F(1.91, 1042.80) =	0.4858	Pr =	0.606				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=230)	26.8	[20.5,34.3]	73.2	[65.7,79.5]	0.0		100.0
No chronic disease (n=329)	18.2	[13.6,24.0]	80.5	[74.3,85.4]	1.3	[0.2,6.8]	100.0
Pearson: Uncorrected chi2(2) =	8.2207						
Design-based F(1.75, 954.96) =	1.7022	Pr =	0.187				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=363)	22.5	[17.5,28.4]	76.3	[70.1,81.5]	1.3	[0.2,6.6]	100.0
No MH/SA (n=196)	19.5	[14.0,26.6]	80.5	[73.4,86.0]	0.0		100.0
Pearson: Uncorrected chi2(2) =	3.2850						
Design-based F(1.71, 936.80) =	0.6959	Pr =	0.478				
Total (n=559)	21.4	[17.6,25.9]	77.7	[73.1,81.8]	0.8	[0.2,4.4]	100.0

3.52 Q: In the last 12 months, about how much did you spend out-of-pocket for your own medical and dental care?

Universe: All respondents

	OOP categories for all respondents post-HMP																Total Row%
	Less than \$50		\$51-100		\$101-500		\$501-2000		\$2001-3000		\$3001-5000		More than \$5000		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category																	
0-35% (n=1,591)	70.4	[67.4,73.3]	9.8	[8.1,11.9]	13.7	[11.6,16.2]	3.2	[2.3,4.4]	0.8	[0.4,1.8]	0.1	[0.1,0.4]	0.3	[0.1,1.0]	1.6	[1.0,2.8]	100.0
36-99% (n=1,445)	59.3	[56.2,62.4]	13.4	[11.4,15.6]	17.7	[15.2,20.4]	5.8	[4.5,7.5]	1.0	[0.6,1.8]	0.6	[0.2,1.6]	0.4	[0.1,1.1]	1.9	[1.1,3.1]	100.0
≥ 100% (n = 1,040)	50.2	[46.6,53.8]	14.7	[12.4,17.4]	25.6	[22.6,28.8]	7.3	[5.7,9.3]	0.7	[0.3,1.4]	0.2	[0.1,0.7]	0.2	[0.0,0.8]	1.2	[0.6,2.1]	100.0
Pearson: Uncorrected chi2(14) =	137.3446																
Design-based F(12.62, 51279.32) =	7.1594	Pr = 0.000															
Region																	
UP/NW/NE (n=746)	58.1	[54.0,62.0]	14.4	[11.8,17.6]	19.0	[16.1,22.3]	4.5	[3.1,6.6]	1.2	[0.5,2.7]	0.4	[0.2,1.1]	0.3	[0.1,0.9]	2.1	[1.0,4.0]	100.0
W/E Central/E (n=1,261)	65.9	[62.8,68.8]	12.5	[10.5,14.8]	15.6	[13.4,18.1]	4.5	[3.4,6.0]	0.3	[0.1,0.8]	0.2	[0.1,0.6]	0.2	[0.0,0.7]	0.9	[0.5,1.5]	100.0
S Central/SW/SE (n=833)	59.8	[55.7,63.9]	10.8	[8.4,13.8]	21.8	[18.3,25.7]	5.4	[4.0,7.3]	0.7	[0.3,1.7]	0.1	[0.0,0.6]	0.1	[0.0,0.5]	1.3	[0.7,2.4]	100.0
Detroit Metro (n=1,236)	64.1	[60.7,67.3]	11.2	[9.3,13.5]	15.9	[13.5,18.7]	4.6	[3.5,6.2]	1.2	[0.6,2.3]	0.4	[0.1,1.1]	0.4	[0.1,1.3]	2.2	[1.3,3.6]	100.0
Pearson: Uncorrected chi2(21) =	41.9165																
Design-based F(17.96, 73001.26) =	1.8391	Pr = 0.016															
Low healthcare utilizers																	
Yes (n=489)	69.8	[64.2,74.8]	10.9	[7.8,14.9]	13.4	[9.7,18.3]	3.9	[2.5,6.0]	0.3	[0.1,1.0]	0.3	[0.1,0.9]	0.7	[0.2,3.5]	0.7	[0.3,1.6]	100.0
No (n=3,587)	62.1	[60.0,64.1]	12.0	[10.7,13.4]	17.9	[16.3,19.6]	4.9	[4.1,5.8]	0.9	[0.6,1.5]	0.3	[0.1,0.6]	0.2	[0.1,0.4]	1.8	[1.3,2.5]	100.0
Pearson: Uncorrected chi2(7) =	24.7440																
Design-based F(5.77, 23444.04) =	2.4322	Pr = 0.026															
High ER utilizers																	
Yes (n=155)	69.3	[60.1,77.1]	5.6	[2.7,11.1]	17.3	[11.6,25.1]	3.0	[1.4,6.3]	0.7	[0.2,2.8]	1.4	[0.2,9.5]	0.3	[0.0,2.2]	2.4	[0.7,7.8]	100.0
No (n=3,921)	63.0	[61.0,64.9]	12.1	[10.9,13.4]	17.2	[15.7,18.8]	4.8	[4.1,5.7]	0.9	[0.5,1.4]	0.2	[0.1,0.4]	0.3	[0.1,0.6]	1.6	[1.1,2.2]	100.0
Pearson: Uncorrected chi2(7) =	18.0844																
Design-based F(5.91, 24015.22) =	1.9945	Pr = 0.064															
Chronic disease (HEDIS)																	
Chronic disease (HEDIS) (n=1,157)	63.5	[60.0,66.9]	10.9	[9.0,13.1]	16.9	[14.5,19.7]	5.4	[3.9,7.3]	0.6	[0.3,1.4]	0.4	[0.1,1.5]	0.3	[0.1,1.2]	2.0	[0.9,4.1]	100.0
No chronic disease (n=2,919)	63.2	[60.9,65.4]	12.1	[10.7,13.7]	17.3	[15.5,19.2]	4.5	[3.7,5.5]	0.9	[0.5,1.6]	0.3	[0.1,0.5]	0.2	[0.1,0.7]	1.5	[1.1,2.1]	100.0
Pearson: Uncorrected chi2(7) =	4.7664																
Design-based F(6.61, 26873.91) =	0.4187	Pr = 0.883															
Mental health/substance use disorder (HEDIS)																	
MH/SA (HEDIS) (n=2,029)	64.0	[61.3,66.6]	11.8	[10.2,13.7]	15.9	[14.0,18.1]	5.5	[4.4,6.8]	0.8	[0.4,1.7]	0.3	[0.1,0.8]	0.2	[0.1,0.4]	1.5	[0.9,2.5]	100.0
No MH/SA (n=2,047)	62.6	[59.8,65.2]	11.8	[10.1,13.7]	18.4	[16.3,20.8]	4.1	[3.1,5.2]	0.9	[0.5,1.5]	0.3	[0.1,0.7]	0.3	[0.1,1.1]	1.7	[1.1,2.7]	100.0
Pearson: Uncorrected chi2(7) =	9.3117																
Design-based F(6.87, 27933.41) =	0.8140	Pr = 0.573															
Total (n=4,076)	63.2	[61.3,65.1]	11.8	[10.6,13.1]	17.2	[15.7,18.8]	4.7	[4.0,5.6]	0.8	[0.5,1.3]	0.3	[0.1,0.6]	0.3	[0.1,0.6]	1.6	[1.2,2.3]	100.0

3.53 Q: Since enrolling in the Healthy Michigan Plan, have your problems paying medical bills gotten worse, stayed the same, or gotten better?

Universe: Respondents who had problems paying medical bills pre-HMP

	Ability to pay med bills better/worse								
	Gotten worse		Stayed the same		Gotten better		Don't know		Total
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%
FPL category									
0-35% (n=772)	2.3	[1.3,4.0]	12.0	[9.4,15.2]	84.4	[80.9,87.4]	1.2	[0.5,3.1]	100.0
36-99% (n=641)	2.4	[1.4,4.0]	8.8	[6.1,12.4]	88.3	[84.6,91.2]	0.5	[0.2,1.3]	100.0
≥ 100%(n = 456)	3.9	[2.1,6.9]	8.9	[6.4,12.3]	86.9	[82.9,90.1]	0.3	[0.0,2.3]	100.0
Pearson: Uncorrected chi2(6) =	11.0315								
Design-based F(5.68, 10542.54) =	1.4657		Pr =	0.189					
Region									
UP/NW/NE (n=354)	3.8	[2.1,6.8]	10.8	[7.7,14.9]	84.6	[79.9,88.4]	0.8	[0.3,2.8]	100.0
W/E Central/E (n=564)	1.8	[1.0,3.4]	9.0	[6.5,12.3]	88.6	[85.1,91.3]	0.6	[0.2,1.9]	100.0
S Central/SW/SE (n=407)	2.9	[1.3,6.2]	8.3	[5.8,11.9]	87.6	[83.3,91.0]	1.1	[0.4,3.6]	100.0
Detroit Metro (n=544)	2.8	[1.6,4.7]	12.6	[9.4,16.6]	83.7	[79.4,87.3]	0.9	[0.2,3.6]	100.0
Pearson: Uncorrected chi2(9) =	10.0786								
Design-based F(7.48, 13888.33) =	0.8540		Pr =	0.549					
Low healthcare utilizers									
Yes (n=165)	2.8	[1.1,6.8]	18.6	[11.8,28.1]	75.7	[65.7,83.5]	2.9	[0.6,13.0]	100.0
No (n=1,704)	2.6	[1.8,3.7]	9.6	[7.9,11.5]	87.2	[85.0,89.1]	0.6	[0.3,1.3]	100.0
Pearson: Uncorrected chi2(3) =	28.1189								
Design-based F(2.71, 5037.91) =	4.2633		Pr =	0.007					
High ER utilizers									
Yes (n=106)	2.7	[1.0,7.6]	9.1	[4.8,16.6]	88.2	[80.3,93.2]	0.0		100.0
No (n=1,763)	2.6	[1.8,3.7]	10.7	[8.9,12.8]	85.8	[83.4,87.8]	0.9	[0.4,2.0]	100.0
Pearson: Uncorrected chi2(3) =	1.4407								
Design-based F(2.62, 4872.03) =	0.3260		Pr =	0.779					
Chronic disease (HEDIS)									
Chronic disease (HEDIS) (n=666)	3.1	[1.8,5.2]	9.8	[7.1,13.5]	87.0	[83.1,90.0]	0.1	[0.0,0.5]	100.0
No chronic disease (n=1,203)	2.4	[1.6,3.7]	10.9	[8.8,13.5]	85.4	[82.6,87.8]	1.2	[0.6,2.7]	100.0
Pearson: Uncorrected chi2(3) =	6.9876								
Design-based F(2.49, 4630.49) =	1.9157		Pr =	0.136					
Mental health/substance use disorder (HEDIS)									
MH/SA (HEDIS) (n=1,077)	3.4	[2.3,5.1]	10.7	[8.5,13.5]	85.4	[82.4,87.9]	0.5	[0.2,1.3]	100.0
No MH/SA (n=792)	1.6	[0.9,2.8]	10.4	[7.9,13.6]	86.6	[83.1,89.5]	1.4	[0.5,3.7]	100.0
Pearson: Uncorrected chi2(3) =	10.7754								
Design-based F(2.93, 5436.92) =	2.2428		Pr =	0.083					
Total (n=1,869)	2.6	[1.9,3.7]	10.6	[8.9,12.6]	85.9	[83.7,87.9]	0.9	[0.4,1.8]	100.0

4 AIM 2: Self-reported changes in health status, health behaviors, and facilitators and barriers to healthy behaviors, and strategies that facilitate or challenge improvements in health behaviors

4.1 Q: In general, would you say your health is:

Universe: All respondents

	Health status												Total Row%
	Excellent		Very good		Good		Fair		Poor		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category													
0-35% (n=1,599)	8.8	[7.1,10.8]	24.2	[21.5,27.3]	30.9	[28.1,33.8]	25.5	[23.0,28.2]	10.4	[8.8,12.2]	0.2	[0.0,0.7]	100.0
36-99% (n=1,449)	10.3	[8.4,12.5]	29.7	[26.9,32.6]	35.7	[32.8,38.8]	19.5	[17.3,22.0]	4.7	[3.6,6.1]	0.1	[0.0,0.3]	100.0
≥ 100% (n = 1,040)	10.2	[8.2,12.7]	29.4	[26.3,32.7]	38.8	[35.4,42.4]	17.3	[14.9,20.1]	4.1	[3.0,5.6]	0.1	[0.0,0.4]	100.0
Pearson: Uncorrected chi2(10) =	97.3158												
Design-based F(8.89, 36242.81) =	8.2097		Pr =	0.000									
Region													
UP/NW/NE (n=746)	7.2	[5.1,9.9]	27.0	[23.5,30.8]	34.6	[30.8,38.7]	23.3	[20.1,26.9]	7.6	[5.9,9.8]	0.3	[0.1,1.1]	100.0
W/E Central/E (n=1,264)	9.5	[7.6,11.8]	22.2	[19.6,25.0]	37.6	[34.6,40.7]	22.7	[20.2,25.5]	7.9	[6.4,9.6]	0.1	[0.0,0.5]	100.0
S Central/SW/SE (n=837)	8.4	[6.3,11.0]	26.6	[23.0,30.6]	37.1	[33.2,41.1]	21.2	[18.2,24.6]	6.7	[5.0,8.9]	0.0		100.0
Detroit Metro (n=1,241)	10.5	[8.6,12.8]	29.9	[26.7,33.3]	29.8	[26.8,33.1]	22.0	[19.4,25.0]	7.6	[6.0,9.6]	0.2	[0.0,0.9]	100.0
Pearson: Uncorrected chi2(15) =	39.5899												
Design-based F(12.72, 51851.64) =	2.1540		Pr =	0.010									
Low healthcare utilizers													
Yes (n=491)	18.7	[14.6,23.8]	41.9	[36.1,47.9]	25.9	[21.4,31.1]	11.6	[8.8,15.2]	1.7	[0.9,3.3]	0.1	[0.0,0.7]	100.0
No (n=3,597)	7.9	[6.8,9.1]	24.1	[22.3,25.9]	35.3	[33.3,37.3]	24.1	[22.4,25.9]	8.6	[7.5,9.8]	0.1	[0.0,0.4]	100.0
Pearson: Uncorrected chi2(5) =	212.2107												
Design-based F(4.48, 18269.24) =	27.3998		Pr =	0.000									
High ER utilizers													
Yes (n=156)	5.7	[2.7,11.7]	16.1	[9.7,25.6]	28.4	[20.3,38.1]	38.2	[28.8,48.6]	11.3	[6.9,17.8]	0.3	[0.0,2.4]	100.0
No (n=3,932)	9.7	[8.5,11.0]	27.3	[25.5,29.2]	34.1	[32.2,36.0]	21.5	[19.9,23.1]	7.3	[6.4,8.4]	0.1	[0.0,0.4]	100.0
Pearson: Uncorrected chi2(5) =	38.5156												
Design-based F(4.52, 18407.24) =	4.9800		Pr =	0.000									
Chronic disease (HEDIS)													
Chronic disease (HEDIS) (n=1,160)	2.8	[1.8,4.2]	13.8	[11.3,16.7]	34.2	[30.8,37.7]	34.3	[31.0,37.7]	14.6	[12.3,17.2]	0.4	[0.1,1.4]	100.0
No chronic disease (n=2,928)	11.8	[10.3,13.4]	31.2	[29.0,33.4]	33.7	[31.6,35.9]	18.2	[16.4,20.0]	5.1	[4.2,6.3]	0.0	[0.0,0.1]	100.0
Pearson: Uncorrected chi2(5) =	341.8981												
Design-based F(4.75, 19360.28) =	50.8949		Pr =	0.000									
Mental health/substance use disorder (HEDIS)													
MH/SA (HEDIS) (n=2,033)	5.5	[4.4,6.9]	18.8	[16.6,21.2]	35.7	[33.1,38.3]	27.9	[25.5,30.4]	11.9	[10.2,13.8]	0.2	[0.1,0.7]	100.0
No MH/SA (n=2,055)	13.2	[11.4,15.4]	34.3	[31.6,37.1]	32.1	[29.6,34.7]	16.9	[15.0,19.0]	3.4	[2.6,4.5]	0.0	[0.0,0.1]	100.0
Pearson: Uncorrected chi2(5) =	314.7428												
Design-based F(4.54, 18484.95) =	46.3865		Pr =	0.000									
Total (n=4,088)	9.5	[8.4,10.8]	26.8	[25.0,28.7]	33.8	[32.0,35.7]	22.2	[20.7,23.8]	7.5	[6.6,8.6]	0.1	[0.0,0.4]	100.0

4.2 Q: How many days in the past 30 days was your physical health not good?

Universe: All respondents

	Mean	Std. Dev	CI	P-value
FPL category				
0-35% (n=1,574)	9.19	11.71	[8.61,9.77]	< 0.0001
36-99% (n=1,426)	6.18	10.15	[5.65,6.71]	
≥ 100% (n = 1,033)	5.71	9.53	[5.13,6.30]	
Region				
UP/NW/NE (n=732)	7.80	11.15	[6.99,8.60]	0.0088
W/E Central/E (n=1,248)	7.68	11.02	[7.07,8.29]	
S Central/SW/SE (n=828)	7.27	10.83	[6.53,8.01]	
Detroit Metro (n=1,225)	6.42	10.13	[5.86,6.99]	
Low healthcare utilizers				
Yes (n=485)	3.15	7.24	[2.51,3.80]	< 0.0001
No (n=3,548)	7.79	11.03	[7.43,8.16]	
High ER utilizers				
Yes (n=155)	11.27	11.48	[9.45,13.08]	< 0.0001
No (n=3,878)	7.07	10.69	[6.74,7.41]	
Chronic disease (HEDIS)				
Chronic disease (HEDIS) (n=1,139)	11.09	12.19	[10.38,11.80]	< 0.0001
No chronic disease (n=2,894)	5.72	9.72	[5.36,6.07]	
Mental health/substance use disorder (HEDIS)				
MH/SA (HEDIS) (n=2,006)	9.49	11.69	[8.98,10.00]	< 0.0001
No MH/SA (n=2,027)	5.01	9.21	[4.61,5.41]	
Total (n=4,033)	7.24	10.75	[6.90,7.57]	

¹ All models were tested for homogeneity of variance using Levene's test

² FPL categories violated Levene's test, $F(2,4030) = 94.444$, $p < 0.0001$; Welch's ANOVA was used, $F(2,2579.32) = 41.554$, $p < 0.0001$

³ Region violated Levene's test, $F(3,4029) = 10.04$, $p < 0.0001$; Welch's ANOVA was used, $F(3,2017.25) = 3.883$, $p = 0.0088$

⁴ Low healthcare utilizers violated Levene's test, $F(1,4031) = 246.151$, $p < 0.0001$; Welch's t-test was used, $t(830.261) = -12.300$, $p < 0.0001$

⁵ High ER utilizers violated Levene's test, $F(1,4031) = 7.464$, $p = 0.0063$; Welch's t-test was used, $t(164.993) = 4.473$, $p < 0.0001$

⁶ HEDIS Chronic Disease violated Levene's test, $F(1,4031) = 271.033$, $p < 0.0001$; Welch's t-test was used, $t(1737.7) = 13.311$, $p < 0.0001$

⁷ HEDIS MH/SA violated Levene's test, $F(1,4031) = 340.480$, $p < 0.0001$; Welch's t-test was used, $t(3806.66) = 13.517$, $p < 0.0001$

4.3 Q: Overall, since you enrolled in the Healthy Michigan Plan, would you say your physical health has gotten better, stayed the same, or gotten worse?

Universe: All respondents

	Physical health better/worse								Total Row%
	Gotten better		Stayed the same		Gotten worse		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category									
0-35% (n=1,599)	49.2	[46.1,52.3]	42.9	[39.8,46.0]	7.1	[5.9,8.6]	0.8	[0.4,1.7]	100.0
36-99% (n=1,448)	47.9	[44.8,51.1]	48.1	[45.0,51.2]	3.6	[2.8,4.8]	0.4	[0.1,0.8]	100.0
≥ 100%(n = 1,039)	44.0	[40.5,47.5]	51.9	[48.3,55.4]	4.0	[2.9,5.5]	0.1	[0.0,0.6]	100.0
Pearson: Uncorrected chi2(6) =	40.7389								
Design-based F(5.52, 22486.31) =	6.1643	Pr =	0.000						
Region									
UP/NW/NE (n=746)	51.0	[46.9,55.1]	42.2	[38.2,46.3]	6.7	[4.9,9.0]	0.1	[0.0,0.4]	100.0
W/E Central/E (n=1,265)	44.1	[41.0,47.3]	47.1	[43.9,50.3]	7.7	[6.3,9.5]	1.1	[0.4,2.5]	100.0
S Central/SW/SE (n=835)	46.3	[42.2,50.5]	47.4	[43.3,51.5]	6.1	[4.5,8.1]	0.2	[0.0,1.0]	100.0
Detroit Metro (n=1,240)	50.2	[46.7,53.7]	45.8	[42.3,49.3]	3.6	[2.6,4.9]	0.4	[0.1,1.2]	100.0
Pearson: Uncorrected chi2(9) =	41.7962								
Design-based F(7.21, 29373.75) =	3.8400	Pr =	0.000						
Low healthcare utilizers									
Yes (n=491)	31.7	[26.4,37.4]	65.5	[59.8,70.9]	2.7	[1.5,5.0]	0.1	[0.0,0.7]	100.0
No (n=3,595)	50.7	[48.6,52.8]	42.6	[40.6,44.7]	6.0	[5.2,7.0]	0.6	[0.3,1.2]	100.0
Pearson: Uncorrected chi2(3) =	113.1542								
Design-based F(2.53, 10312.03) =	25.1767	Pr =	0.000						
High ER utilizers									
Yes (n=156)	50.9	[40.9,60.9]	39.2	[29.4,50.0]	8.8	[5.1,14.7]	1.1	[0.3,4.4]	100.0
No (n=3,930)	47.7	[45.7,49.7]	46.5	[44.5,48.5]	5.4	[4.6,6.2]	0.5	[0.3,1.0]	100.0
Pearson: Uncorrected chi2(3) =	6.9912								
Design-based F(2.76, 11251.06) =	1.5329	Pr =	0.207						
Chronic disease (HEDIS)									
Chronic disease (HEDIS) (n=1,160)	56.4	[52.8,59.9]	34.8	[31.5,38.3]	8.2	[6.5,10.1]	0.6	[0.2,1.6]	100.0
No chronic disease (n=2,926)	44.9	[42.6,47.3]	49.9	[47.6,52.3]	4.6	[3.9,5.6]	0.5	[0.2,1.1]	100.0
Pearson: Uncorrected chi2(3) =	76.6056								
Design-based F(2.93, 11917.13) =	17.1615	Pr =	0.000						
Mental health/substance use disorder (HEDIS)									
MH/SA (HEDIS) (n=2,032)	51.2	[48.5,54.0]	39.6	[36.9,42.3]	8.3	[7.0,9.8]	0.9	[0.4,1.9]	100.0
No MH/SA (n=2,054)	44.6	[41.8,47.4]	52.3	[49.5,55.1]	2.9	[2.2,3.8]	0.2	[0.1,0.5]	100.0
Pearson: Uncorrected chi2(3) =	108.2961								
Design-based F(2.95, 12020.54) =	25.2033	Pr =	0.000						
Total (n=4,086)	47.8	[45.8,49.8]	46.1	[44.2,48.1]	5.5	[4.8,6.4]	0.5	[0.3,1.0]	100.0

4.4 Q: How many days in the past 30 days was your mental health not good?

Universe: All respondents

	Mean	Std. Dev	CI	P-value
FPL category				
0-35% (n=1,571)	7.66	11.17	[7.11,8.22]	< 0.0001
36-99% (n=1,416)	4.89	9.16	[4.42,5.37]	
≥ 100%(n = 1,015)	4.25	8.49	[3.73,4.78]	
Region				
UP/NW/NE (n=732)	6.19	10.06	[5.46,6.92]	< 0.0001
W/E Central/E (n=1,229)	6.04	10.08	[5.48,6.60]	
S Central/SW/SE (n=825)	6.71	10.57	[5.99,7.43]	
Detroit Metro (n=1,216)	4.77	9.24	[4.25,5.29]	
Low healthcare utilizers				
Yes (n=479)	3.60	8.16	[2.87,4.34]	< 0.0001
No (n=3,523)	6.12	10.14	[5.78,6.45]	
High ER utilizers				
Yes (n=154)	8.63	11.18	[6.85,10.41]	0.0017
No (n=3,848)	5.71	9.89	[5.39,6.02]	
Chronic disease (HEDIS)				
Chronic disease (HEDIS) (n=1,135)	7.48	10.93	[6.84,8.11]	< 0.0001
No chronic disease (n=2,867)	5.16	9.46	[4.82, 5.51]	
Mental health/substance use disorder (HEDIS)				
MH/SA (HEDIS) (n=1,983)	8.79	11.39	[8.28,9.29]	< 0.0001
No MH/SA (n=2,019)	2.90	7.21	[2.59, 3.22]	
Total (n=4,002)	5.82	9.96	[5.51,6.13]	

¹ All models were tested for homogeneity of variance using Levene's test

² FPL categories violated Levene's test, $F(2,3999)= 115.395$, $p < 0.0001$; Welch's ANOVA was used, $F(2,2567.93)= 43.535$, $p < 0.0001$

³ Region violated Levene's test, $F(3,3998)= 15.556$, $p < 0.0001$; Welch's ANOVA was used, $F(3,2002.18)= 7.637$, $p < 0.0001$

⁴ Low healthcare utilizers violated Levene's test, $F(1,4000)= 71.93$, $p < 0.0001$; Welch's t-test was used, $t(696.772)= -6.139$, $p < 0.0001$

⁵ High ER utilizers violated Levene's test, $F(1,4000)= 11.67$, $p = 0.0001$; Welch's t-test was used, $t(162.859)= 3.197$, $p = 0.0017$

⁶ HEDIS Chronic Disease violated Levene's test, $F(1,4000)= 84.476$, $p < 0.0001$; Welch's t-test was used, $t(1843.87)= 6.260$, $p < 0.0001$

⁷ HEDIS MH/SA violated Levene's test, $F(1,4000)= 851.47$, $p < 0.0001$; Welch's t-test was used, $t(3341.06)= 19.49$, $p < 0.0001$

4.5 Q: Overall, since you enrolled in the Healthy Michigan Plan, would you say your mental and emotional health has gotten better, stayed the same, or gotten worse?

Universe: All respondents

	Mental health better/worse								Total Row%
	Gotten better		Stayed the same		Gotten worse		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category									
0-35% (n=1,597)	40.0	[37.0,43.1]	54.3	[51.2,57.4]	5.5	[4.3,6.9]	0.2	[0.1,0.6]	100.0
36-99% (n=1,444)	37.3	[34.3,40.4]	57.7	[54.5,60.7]	4.1	[3.0,5.6]	0.9	[0.5,1.6]	100.0
≥ 100%(n = 1,039)	34.6	[31.3,38.1]	61.9	[58.3,65.3]	3.0	[2.0,4.4]	0.5	[0.2,1.2]	100.0
Pearson: Uncorrected chi2(6) =	26.8863								
Design-based F(5.73, 23305.69) =	3.7393		Pr =	0.001					
Region									
UP/NW/NE (n=745)	39.8	[35.9,43.9]	55.2	[51.1,59.3]	4.5	[3.1,6.6]	0.4	[0.1,1.7]	100.0
W/E Central/E (n=1,261)	34.9	[31.9,37.9]	59.4	[56.3,62.5]	5.2	[4.0,6.9]	0.5	[0.2,1.0]	100.0
S Central/SW/SE (n=835)	39.6	[35.6,43.8]	53.4	[49.2,57.5]	6.4	[4.7,8.8]	0.6	[0.3,1.6]	100.0
Detroit Metro (n=1,239)	39.4	[36.0,42.8]	56.8	[53.3,60.2]	3.4	[2.4,4.9]	0.4	[0.2,0.9]	100.0
Pearson: Uncorrected chi2(9) =	20.1409								
Design-based F(7.91, 32191.18) =	1.9260		Pr =	0.052					
Low healthcare utilizers									
Yes (n=491)	32.3	[26.9,38.3]	64.1	[58.2,69.7]	2.8	[1.6,5.0]	0.7	[0.2,2.0]	100.0
No (n=3,589)	39.2	[37.2,41.3]	55.4	[53.3,57.5]	4.9	[4.1,5.9]	0.5	[0.3,0.7]	100.0
Pearson: Uncorrected chi2(3) =	19.1338								
Design-based F(2.79, 11350.67) =	3.7954		Pr =	0.012					
High ER utilizers									
Yes (n=156)	45.8	[36.0,55.9]	45.3	[35.5,55.5]	8.9	[4.9,15.6]	0.0		100.0
No (n=3,924)	37.8	[35.9,39.8]	57.3	[55.3,59.3]	4.4	[3.7,5.3]	0.5	[0.3,0.8]	100.0
Pearson: Uncorrected chi2(3) =	15.9736								
Design-based F(2.81, 11437.97) =	3.5349		Pr =	0.016					
Chronic disease (HEDIS)									
Chronic disease (HEDIS) (n=1,158)	41.2	[37.7,44.8]	51.0	[47.4,54.6]	7.2	[5.5,9.3]	0.6	[0.3,1.2]	100.0
No chronic disease (n=2,922)	37.1	[34.9,39.4]	58.7	[56.4,61.0]	3.7	[3.0,4.7]	0.4	[0.3,0.7]	100.0
Pearson: Uncorrected chi2(3) =	31.7538								
Design-based F(2.83, 11514.83) =	8.3443		Pr =	0.000					
Mental health/substance use disorder (HEDIS)									
MH/SA (HEDIS) (n=2,029)	45.0	[42.3,47.8]	47.1	[44.3,49.8]	7.4	[6.1,9.0]	0.5	[0.3,0.8]	100.0
No MH/SA (n=2,051)	31.8	[29.1,34.5]	65.8	[63.0,68.4]	2.0	[1.3,2.9]	0.5	[0.3,0.9]	100.0
Pearson: Uncorrected chi2(3) =	176.2316								
Design-based F(2.80, 11407.26) =	40.8891		Pr =	0.000					
Total (n=4,080)	38.2	[36.3,40.1]	56.8	[54.8,58.7]	4.6	[3.9,5.5]	0.5	[0.3,0.7]	100.0

4.6 Q: During the past 30 days, for how many days did poor physical or mental health keep you from doing your usual activities, such as self-care, work, or recreation?

Universe: All respondents

	Mean	Std. Dev	CI	P-value
FPL category				< 0.0001
0-35% (n=1,570)	7.94	11.29	[7.38,8.50]	
36-99% (n=1,431)	4.07	8.28	[3.64,4.50]	
≥ 100%(n = 1,025)	3.31	7.44	[2.85,3.77]	
Region				0.0894
UP/NW/NE (n=731)	5.57	9.84	[4.85,6.28]	
W/E Central/E (n=1,244)	5.55	9.64	[5.01,6.08]	
S Central/SW/SE (n=827)	5.80	9.90	[5.13,6.48]	
Detroit Metro (n=1,224)	4.83	9.24	[4.31,5.35]	
Low healthcare utilizers				< 0.0001
Yes (n=486)	2.21	6.10	[1.66,2.75]	
No (n=3,540)	5.82	9.92	[5.50,6.15]	
High ER utilizers				< 0.0001
Yes (n=154)	9.35	11.44	[7.53,11.16]	
No (n=3,872)	5.22	9.50	[4.93,5.53]	
Chronic disease (HEDIS)				< 0.0001
Chronic disease (HEDIS) (n=1,134)	8.24	11.32	[7.59,8.91]	
No chronic disease (n=2,892)	4.26	8.60	[3.95,4.58]	
Mental health/substance use disorder (HEDIS)				< 0.0001
MH/SA (HEDIS) (n=1,994)	7.82	10.98	[7.34,8.30]	
No MH/SA (n=2,032)	2.99	7.29	[2.67,3.31]	
Total (n=4,026)	5.39	9.61	[5.09,5.68]	

¹ All models were tested for homogeneity of variance using Levene's test

² FPL categories violated Levene's test, $F(2,4023)= 251.387$, $p < 0.0001$; Welch's ANOVA was used, $F(2,2612.33)= 86.650$, $p < 0.0001$

³ Region violated Levene's test, $F(3,4022)= 4.365$, $p = 0.0045$; Welch's ANOVA was used, $F(3,2014.19)= 2.172$, $p = 0.0894$

⁴ Low healthcare utilizers violated Levene's test, $F(1,4024)= 201.030$, $p < 0.0001$; Welch's t-test was used, $t(887.38)= -11.200$, $p < 0.0001$

⁵ High ER utilizers violated Levene's test, $F(1,4024)= 29.747$, $p < 0.0001$; Welch's t-test was used, $t(161.62)= 4.4131$, $p < 0.0001$

⁶ HEDIS Chronic Disease violated Levene's test, $F(1,4024)= 274.749$, $p < 0.0001$; Welch's t-test was used, $t(1671.41)= 10.697$, $p < 0.0001$

⁷ HEDIS MH/SA violated Levene's test, $F(1,4024)= 640.48$, $p < 0.0001$; Welch's t-test was used, $t(3457.38)= 16.395$, $p < 0.0001$

4.7 Q: Thinking about your dental health, since you enrolled in the Healthy Michigan Plan, has the health of your teeth and gums gotten better, stayed the same, or gotten worse?

Universe: All respondents

	Dental health better/worse								Total Row%
	Gotten better		Stayed the same		Gotten worse		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category									
0-35% (n=1,597)	40.0	[37.0,43.1]	44.0	[40.9,47.2]	11.1	[9.4,13.0]	4.9	[3.8,6.4]	100.0
36-99% (n=1,448)	40.7	[37.7,43.8]	44.9	[41.8,48.0]	9.9	[8.1,12.0]	4.6	[3.4,6.0]	100.0
≥ 100%(n = 1,039)	36.6	[33.3,40.0]	50.3	[46.8,53.9]	9.2	[7.4,11.3]	3.9	[2.7,5.6]	100.0
Pearson: Uncorrected chi2(6) =	11.3710								
Design-based F(5.81, 23670.82) =	1.4381		Pr =	0.198					
Region									
UP/NW/NE (n=745)	40.9	[36.9,45.0]	44.4	[40.3,48.5]	9.3	[7.3,11.8]	5.5	[3.9,7.5]	100.0
W/E Central/E (n=1,263)	38.2	[35.2,41.3]	46.9	[43.7,50.1]	9.0	[7.4,10.8]	6.0	[4.5,7.9]	100.0
S Central/SW/SE (n=836)	36.4	[32.7,40.4]	46.6	[42.5,50.8]	13.0	[10.5,15.9]	4.0	[2.8,5.6]	100.0
Detroit Metro (n=1,240)	41.4	[38.0,44.9]	44.4	[40.9,47.9]	10.4	[8.6,12.6]	3.8	[2.7,5.4]	100.0
Pearson: Uncorrected chi2(9) =	21.2248								
Design-based F(7.90, 32159.71) =	1.9228		Pr =	0.053					
Low healthcare utilizers									
Yes (n=490)	33.4	[28.1,39.1]	53.0	[47.2,58.8]	11.5	[8.5,15.3]	2.0	[0.7,5.6]	100.0
No (n=3,594)	40.6	[38.6,42.7]	44.1	[42.1,46.2]	10.2	[9.0,11.4]	5.1	[4.3,6.0]	100.0
Pearson: Uncorrected chi2(3) =	27.5013								
Design-based F(2.77, 11271.61) =	3.7819		Pr =	0.012					
High ER utilizers									
Yes (n=156)	49.0	[39.1,59.0]	36.6	[26.8,47.6]	9.8	[6.1,15.5]	4.6	[2.2,9.4]	100.0
No (n=3,928)	39.1	[37.1,41.0]	45.9	[43.9,47.9]	10.4	[9.3,11.6]	4.6	[3.8,5.5]	100.0
Pearson: Uncorrected chi2(3) =	7.6494								
Design-based F(2.70, 11008.87) =	1.6624		Pr =	0.178					
Chronic disease (HEDIS)									
Chronic disease (HEDIS) (n=1,160)	39.3	[35.9,42.8]	41.8	[38.3,45.4]	12.7	[10.4,15.3]	6.3	[4.7,8.3]	100.0
No chronic disease (n=2,924)	39.6	[37.3,41.9]	46.8	[44.4,49.1]	9.6	[8.4,11.0]	4.0	[3.2,5.1]	100.0
Pearson: Uncorrected chi2(3) =	19.5018								
Design-based F(3.00, 12208.88) =	4.4113		Pr =	0.004					
Mental health/substance use disorder (HEDIS)									
MH/SA (HEDIS) (n=2,032)	40.8	[38.2,43.6]	42.0	[39.3,44.8]	12.4	[10.7,14.2]	4.8	[3.7,6.0]	100.0
No MH/SA (n=2,052)	38.3	[35.6,41.0]	48.8	[46.0,51.6]	8.5	[7.1,10.1]	4.5	[3.4,5.8]	100.0
Pearson: Uncorrected chi2(3) =	26.8674								
Design-based F(2.99, 12192.32) =	5.6257		Pr =	0.001					
Total (n=4,084)	39.5	[37.6,41.5]	45.5	[43.5,47.5]	10.4	[9.3,11.6]	4.6	[3.9,5.5]	100.0

4.8 Q: How tall are you without shoes (in inches)?

Universe: All respondents

	Mean	CI
FPL category		
0-35% (n=1,597)	67.8	[67.5,68.0]
36-99% (n=1,443)	66.4	[66.2,66.6]
≥ 100% (n = 1,035)	66.6	[66.3,66.9]
Region		
UP/NW/NE (n=746)	67.1	[66.8,67.5]
W/E Central/E (n=1,261)	67.2	[67.0,67.5]
S Central/SW/SE (n=835)	67.1	[66.8,67.5]
Detroit Metro (n=1,233)	67.1	[66.9,67.4]
Low healthcare utilizers		
Yes (n=488)	68.7	[68.2,69.2]
No (n=3,587)	66.9	[66.7,67.1]
High ER utilizers		
Yes (n=156)	66.7	[65.8,67.7]
No (n=3,919)	67.2	[67.0,67.4]
Chronic disease (HEDIS)		
Chronic disease (HEDIS) (n=1,157)	67.0	[66.7,67.3]
No chronic disease (n=2,918)	67.2	[67.0,67.4]
Mental health/substance use disorder (HEDIS)		
MH/SA (HEDIS) (n=2,030)	67.1	[66.8,67.3]
No MH/SA (n=2,045)	67.3	[67.0,67.5]
Total (n=4,075)	67.2	[67.0,67.3]

4.9 Q: How much do you weigh without shoes?

Universe: All respondents

	Mean	CI
FPL category		
0-35% (n=1,568)	191.7	[188.4,195.1]
36-99% (n=1,418)	184.6	[181.5,187.7]
≥ 100%(n = 1,004)	188.7	[184.8,192.7]
Region		
UP/NW/NE (n=732)	191.5	[186.3,196.7]
W/E Central/E (n=1,230)	190.0	[186.6,193.3]
S Central/SW/SE (n=816)	188.2	[183.9,192.5]
Detroit Metro (n=1,212)	188.5	[184.7,192.2]
Low healthcare utilizers		
Yes (n=478)	187.4	[181.4,193.4]
No (n=3,512)	189.4	[187.2,191.7]
High ER utilizers		
Yes (n=154)	196.3	[187.2,205.4]
No (n=3,836)	188.8	[186.6,190.9]
Chronic disease (HEDIS)		
Chronic disease (HEDIS) (n=1,141)	201.2	[197.3,205.2]
No chronic disease (n=2,849)	185.0	[182.6,187.5]
Mental health/substance use disorder (HEDIS)		
MH/SA (HEDIS) (n=1,989)	190.3	[187.4,193.1]
No MH/SA (n=2,001)	188.0	[184.9,191.1]
Total (n=3,990)	189.1	[187.0,191.2]

4.10 Q: Compared to 12 months ago, how would you describe your weight?

Universe: All respondents

	Lost weight		Gained weight		Weight change Stayed about the same		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category									
0-35% (n=1,598)	31.2	[28.3,34.1]	28.1	[25.3,31.0]	40.3	[37.4,43.4]	0.4	[0.2,1.0]	100.0
36-99% (n=1,450)	32.5	[29.7,35.5]	23.8	[21.3,26.6]	43.2	[40.1,46.3]	0.4	[0.2,0.9]	100.0
≥ 100% (n = 1,036)	32.2	[29.0,35.6]	25.7	[22.7,28.9]	42.0	[38.5,45.5]	0.2	[0.0,0.9]	100.0
Pearson: Uncorrected chi2(6) =	8.1398								
Design-based F(5.72, 23309.64) =	1.0760		Pr =	0.373					
Region									
UP/NW/NE (n=746)	33.4	[29.7,37.3]	23.7	[20.3,27.5]	42.8	[38.8,46.9]	0.1	[0.0,0.7]	100.0
W/E Central/E (n=1,263)	29.8	[27.0,32.8]	26.9	[24.1,29.9]	42.3	[39.2,45.5]	1.0	[0.5,1.9]	100.0
S Central/SW/SE (n=833)	29.8	[26.3,33.6]	28.2	[24.5,32.2]	41.8	[37.8,45.9]	0.1	[0.0,0.9]	100.0
Detroit Metro (n=1,242)	33.5	[30.2,36.9]	25.9	[22.9,29.1]	40.5	[37.2,43.9]	0.1	[0.0,0.5]	100.0
Pearson: Uncorrected chi2(9) =	23.6170								
Design-based F(7.69, 31308.29) =	2.3278		Pr =	0.019					
Low healthcare utilizers									
Yes (n=491)	21.6	[17.1,26.8]	26.6	[21.4,32.5]	51.8	[46.0,57.6]	0.1	[0.0,0.4]	100.0
No (n=3,593)	33.6	[31.6,35.6]	26.4	[24.6,28.3]	39.6	[37.6,41.7]	0.4	[0.2,0.8]	100.0
Pearson: Uncorrected chi2(3) =	44.9060								
Design-based F(2.31, 9386.50) =	9.1844		Pr =	0.000					
High ER utilizers									
Yes (n=155)	34.7	[26.3,44.3]	31.9	[23.1,42.3]	33.3	[24.2,43.9]	0.0		100.0
No (n=3,929)	31.6	[29.8,33.5]	26.2	[24.4,28.0]	41.9	[39.9,43.8]	0.4	[0.2,0.7]	100.0
Pearson: Uncorrected chi2(3) =	6.4083								
Design-based F(2.88, 11727.80) =	1.2389		Pr =	0.294					
Chronic disease (HEDIS)									
Chronic disease (HEDIS) (n=1,160)	37.9	[34.4,41.5]	26.4	[23.4,29.6]	34.9	[31.6,38.4]	0.8	[0.4,1.9]	100.0
No chronic disease (n=2,924)	29.7	[27.6,31.9]	26.4	[24.4,28.6]	43.7	[41.4,46.0]	0.2	[0.1,0.5]	100.0
Pearson: Uncorrected chi2(3) =	38.1743								
Design-based F(2.97, 12097.32) =	9.2144		Pr =	0.000					
Mental health/substance use disorder (HEDIS)									
MH/SA (HEDIS) (n=2,030)	32.1	[29.6,34.8]	29.6	[27.1,32.1]	37.7	[35.1,40.5]	0.6	[0.3,1.1]	100.0
No MH/SA (n=2,054)	31.4	[28.8,34.1]	23.5	[21.1,26.0]	45.0	[42.2,47.7]	0.2	[0.1,0.5]	100.0
Pearson: Uncorrected chi2(3) =	31.2166								
Design-based F(2.84, 11558.94) =	7.1882		Pr =	0.000					
Total (n=4,084)	31.7	[29.9,33.6]	26.4	[24.7,28.2]	41.5	[39.6,43.4]	0.4	[0.2,0.7]	100.0

4.11 Q: Has a doctor or other health professional ever told you that you had hypertension?

Universe: All respondents

	Hypertension						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,599)	34.8	[32.0,37.7]	64.5	[61.6,67.4]	0.7	[0.3,1.3]	100.0
36-99% (n=1,450)	28.2	[25.6,31.1]	71.4	[68.6,74.1]	0.3	[0.1,1.0]	100.0
≥ 100%(n = 1,040)	26.7	[23.8,29.8]	73.0	[69.8,75.9]	0.4	[0.1,1.5]	100.0
Pearson: Uncorrected chi2(4) =	28.0316						
Design-based F(3.90, 15892.38) =	5.1628	Pr =	0.000				
Region							
UP/NW/NE (n=746)	30.1	[26.7,33.8]	68.8	[65.0,72.3]	1.1	[0.4,3.1]	100.0
W/E Central/E (n=1,265)	32.6	[29.8,35.6]	66.7	[63.7,69.6]	0.7	[0.3,1.6]	100.0
S Central/SW/SE (n=836)	30.0	[26.6,33.7]	69.7	[66.1,73.1]	0.2	[0.1,1.0]	100.0
Detroit Metro (n=1,242)	31.3	[28.2,34.5]	68.3	[65.1,71.4]	0.4	[0.1,1.2]	100.0
Pearson: Uncorrected chi2(6) =	6.0435						
Design-based F(5.42, 22108.25) =	0.7854	Pr =	0.569				
Low healthcare utilizers							
Yes (n=491)	16.6	[12.8,21.4]	83.1	[78.3,87.0]	0.3	[0.0,2.1]	100.0
No (n=3,598)	34.0	[32.1,35.9]	65.5	[63.5,67.4]	0.5	[0.3,1.0]	100.0
Pearson: Uncorrected chi2(2) =	75.4170						
Design-based F(1.99, 8121.92) =	19.1265	Pr =	0.000				
High ER utilizers							
Yes (n=156)	30.6	[22.8,39.8]	69.4	[60.2,77.2]	0.0		100.0
No (n=3,933)	31.4	[29.6,33.2]	68.1	[66.3,69.9]	0.5	[0.3,0.9]	100.0
Pearson: Uncorrected chi2(2) =	1.0336						
Design-based F(1.99, 8119.67) =	0.3152	Pr =	0.729				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,160)	54.1	[50.5,57.7]	45.4	[41.9,49.0]	0.4	[0.1,1.7]	100.0
No chronic disease (n=2,929)	23.7	[21.8,25.7]	75.8	[73.8,77.7]	0.5	[0.3,1.0]	100.0
Pearson: Uncorrected chi2(2) =	331.6642						
Design-based F(1.95, 7951.08) =	94.7883	Pr =	0.000				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,034)	35.9	[33.4,38.5]	63.4	[60.8,66.0]	0.7	[0.3,1.4]	100.0
No MH/SA (n=2,055)	27.0	[24.7,29.6]	72.6	[70.1,75.0]	0.4	[0.2,0.8]	100.0
Pearson: Uncorrected chi2(2) =	39.9938						
Design-based F(1.99, 8125.61) =	13.3966	Pr =	0.000				
Total (n=4,089)	31.3	[29.6,33.1]	68.2	[66.4,69.9]	0.5	[0.3,0.9]	100.0

4.12 Q: Did you find out you had hypertension before or after you enrolled in the Healthy Michigan Plan?

Universe: Respondents with hypertension

	Before		Before/After: Hypertension				Total Row%
	Row%	95%CI	After Row%	95%CI	Don't know Row%	95%CI	
FPL category							
0-35% (n=633)	63.9	[59.1,68.4]	34.9	[30.4,39.7]	1.2	[0.5,3.2]	100.0
36-99% (n=465)	68.7	[63.6,73.4]	30.4	[25.7,35.5]	0.9	[0.4,2.2]	100.0
≥ 100%(n = 313)	72.8	[66.7,78.2]	27.2	[21.8,33.3]	0.0		100.0
Pearson: Uncorrected chi2(4) =	9.5503						
Design-based F(3.37, 4710.43) =	1.7325	Pr =	0.151				
Region							
UP/NW/NE (n=261)	71.2	[64.8,76.9]	28.1	[22.5,34.5]	0.7	[0.1,4.6]	100.0
W/E Central/E (n=454)	63.6	[58.3,68.6]	35.1	[30.2,40.4]	1.3	[0.4,3.7]	100.0
S Central/SW/SE (n=286)	67.7	[61.0,73.8]	31.9	[25.9,38.6]	0.4	[0.1,1.5]	100.0
Detroit Metro (n=410)	67.3	[61.5,72.6]	31.7	[26.5,37.4]	1.0	[0.3,3.6]	100.0
Pearson: Uncorrected chi2(6) =	4.2705						
Design-based F(4.87, 6816.39) =	0.5868	Pr =	0.706				
Low healthcare utilizers							
Yes (n=85)	71.5	[57.0,82.6]	28.5	[17.4,43.0]	0.0		100.0
No (n=1,326)	66.2	[62.9,69.3]	32.8	[29.7,36.1]	1.0	[0.5,2.2]	100.0
Pearson: Uncorrected chi2(2) =	2.2169						
Design-based F(1.98, 2775.14) =	0.5066	Pr =	0.601				
High ER utilizers							
Yes (n=55)	77.6	[64.0,87.0]	22.4	[13.0,36.0]	0.0		100.0
No (n=1,356)	66.1	[62.8,69.3]	32.9	[29.8,36.2]	1.0	[0.5,2.1]	100.0
Pearson: Uncorrected chi2(2) =	3.7212						
Design-based F(1.91, 2666.08) =	1.1934	Pr =	0.302				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=660)	71.7	[67.4,75.6]	27.6	[23.7,31.9]	0.7	[0.2,2.1]	100.0
No chronic disease (n=751)	62.7	[58.2,67.1]	36.1	[31.8,40.7]	1.1	[0.4,3.0]	100.0
Pearson: Uncorrected chi2(2) =	12.6272						
Design-based F(1.99, 2788.45) =	3.9338	Pr =	0.020				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=795)	65.4	[61.2,69.4]	33.7	[29.8,37.9]	0.9	[0.3,2.8]	100.0
No MH/SA (n=616)	68.1	[63.1,72.7]	30.8	[26.3,35.8]	1.0	[0.4,2.6]	100.0
Pearson: Uncorrected chi2(2) =	1.4257						
Design-based F(1.98, 2776.24) =	0.3962	Pr =	0.671				
Total (n=1,411)	66.6	[63.4,69.7]	32.4	[29.4,35.6]	0.9	[0.4,2.0]	100.0

4.13 Q: Has a doctor or other health professional ever told you that you had a heart condition or heart disease?

Universe: All respondents

	Heart disease						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,599)	11.0	[9.3,13.0]	88.8	[86.8,90.5]	0.2	[0.1,0.5]	100.0
36-99% (n=1,450)	8.4	[6.8,10.2]	91.3	[89.5,92.9]	0.3	[0.1,0.7]	100.0
≥ 100%(n = 1,040)	8.3	[6.6,10.5]	91.3	[89.1,93.1]	0.4	[0.1,1.0]	100.0
Pearson: Uncorrected chi2(4) =	8.2701						
Design-based F(3.65, 14880.06) =	2.0701	Pr =	0.088				
Region							
UP/NW/NE (n=746)	11.4	[9.2,14.2]	88.3	[85.6,90.6]	0.2	[0.1,1.0]	100.0
W/E Central/E (n=1,265)	10.5	[8.7,12.6]	88.9	[86.8,90.7]	0.6	[0.3,1.1]	100.0
S Central/SW/SE (n=836)	9.9	[7.8,12.4]	89.6	[87.1,91.7]	0.5	[0.2,1.2]	100.0
Detroit Metro (n=1,242)	8.8	[7.0,11.0]	91.2	[89.0,93.0]	0.0		100.0
Pearson: Uncorrected chi2(6) =	14.4442						
Design-based F(4.84, 19721.00) =	2.5461	Pr =	0.028				
Low healthcare utilizers							
Yes (n=491)	2.7	[1.7,4.4]	97.2	[95.5,98.3]	0.1	[0.0,0.5]	100.0
No (n=3,598)	11.0	[9.7,12.4]	88.7	[87.3,90.0]	0.3	[0.2,0.5]	100.0
Pearson: Uncorrected chi2(2) =	42.4546						
Design-based F(1.68, 6854.42) =	27.4808	Pr =	0.000				
High ER utilizers							
Yes (n=156)	6.0	[3.4,10.3]	93.7	[89.3,96.3]	0.3	[0.0,2.4]	100.0
No (n=3,933)	9.9	[8.8,11.1]	89.8	[88.6,91.0]	0.3	[0.2,0.5]	100.0
Pearson: Uncorrected chi2(2) =	3.0030						
Design-based F(1.92, 7818.77) =	1.9346	Pr =	0.146				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,160)	20.7	[17.9,23.9]	78.8	[75.6,81.7]	0.5	[0.2,1.0]	100.0
No chronic disease (n=2,929)	6.0	[5.0,7.2]	93.7	[92.6,94.7]	0.2	[0.1,0.4]	100.0
Pearson: Uncorrected chi2(2) =	191.3687						
Design-based F(1.76, 7189.60) =	83.2020	Pr =	0.000				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,034)	11.8	[10.1,13.7]	87.8	[85.9,89.5]	0.5	[0.3,0.8]	100.0
No MH/SA (n=2,055)	7.8	[6.5,9.4]	92.1	[90.5,93.4]	0.1	[0.0,0.4]	100.0
Pearson: Uncorrected chi2(2) =	22.3704						
Design-based F(1.81, 7377.84) =	9.2551	Pr =	0.000				
Total (n=4,089)	9.7	[8.6,10.9]	90.0	[88.8,91.1]	0.3	[0.2,0.5]	100.0

4.14 Q: Did you find out you had a heart condition or heart disease before or after you enrolled in the Healthy Michigan Plan?

Universe: Respondents with a heart condition or heart disease

	Before		Before/After: Heart disease				Total Row%
	Row%	95%CI	After Row%	95%CI	Don't know Row%	95%CI	
FPL category							
0-35% (n=195)	63.5	[54.3,71.8]	36.5	[28.2,45.7]	0.0		100.0
36-99% (n=135)	69.7	[59.1,78.6]	30.3	[21.4,40.9]	0.0		100.0
≥ 100% (n = 96)	66.9	[54.2,77.5]	32.5	[22.0,45.1]	0.7	[0.1,4.7]	100.0
Pearson: Uncorrected chi2(4) =	3.7009						
Design-based F(3.13, 1297.32) =	0.9924	Pr =	0.398				
Region							
UP/NW/NE (n=90)	77.9	[67.2,85.8]	22.1	[14.2,32.8]	0.0		100.0
W/E Central/E (n=138)	68.7	[58.5,77.4]	30.9	[22.3,41.1]	0.4	[0.1,2.6]	100.0
S Central/SW/SE (n=92)	65.5	[53.3,76.0]	34.5	[24.0,46.7]	0.0		100.0
Detroit Metro (n=106)	60.0	[47.7,71.1]	40.0	[28.9,52.3]	0.0		100.0
Pearson: Uncorrected chi2(6) =	7.0912						
Design-based F(3.87, 1603.43) =	1.3820	Pr =	0.239				
Low healthcare utilizers							
Yes (n=19)	75.0	[45.3,91.6]	25.0	[8.4,54.7]	0.0		100.0
No (n=407)	65.2	[58.7,71.2]	34.7	[28.7,41.2]	0.1	[0.0,0.8]	100.0
Pearson: Uncorrected chi2(2) =	0.7634						
Design-based F(1.60, 663.42) =	0.3849	Pr =	0.634				
High ER utilizers							
Yes (n=15)	56.7	[29.9,80.1]	43.3	[19.9,70.1]	0.0		100.0
No (n=411)	65.9	[59.4,71.8]	34.0	[28.1,40.4]	0.1	[0.0,0.8]	100.0
Pearson: Uncorrected chi2(2) =	0.4407						
Design-based F(1.82, 754.61) =	0.3036	Pr =	0.718				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=235)	60.5	[52.2,68.3]	39.3	[31.5,47.6]	0.2	[0.0,1.5]	100.0
No chronic disease (n=191)	71.5	[61.7,79.5]	28.5	[20.5,38.3]	0.0		100.0
Pearson: Uncorrected chi2(2) =	5.9008						
Design-based F(1.50, 619.53) =	2.5631	Pr =	0.093				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=243)	60.6	[52.3,68.4]	39.4	[31.6,47.7]	0.0		100.0
No MH/SA (n=183)	72.7	[63.0,80.6]	27.1	[19.1,36.7]	0.3	[0.0,1.9]	100.0
Pearson: Uncorrected chi2(2) =	7.5687						
Design-based F(1.50, 621.36) =	3.2980	Pr =	0.051				
Total (n=426)	65.6	[59.3,71.4]	34.3	[28.5,40.6]	0.1	[0.0,0.8]	100.0

4.15 Q: Has a doctor or other health professional ever told you that you had diabetes or sugar diabetes (other than during pregnancy)?

Universe: All respondents

	Diabetes						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,599)	12.2	[10.5,14.2]	87.6	[85.5,89.3]	0.2	[0.1,0.6]	100.0
36-99% (n=1,450)	9.3	[7.8,11.1]	90.2	[88.4,91.8]	0.5	[0.2,1.2]	100.0
≥ 100%(n = 1,040)	9.2	[7.4,11.3]	90.2	[88.0,92.0]	0.7	[0.3,1.7]	100.0
Pearson: Uncorrected chi2(4) =	12.4231						
Design-based F(3.94, 16049.90) =	2.5981	Pr =	0.035				
Region							
UP/NW/NE (n=746)	9.8	[7.8,12.2]	88.9	[86.2,91.2]	1.3	[0.5,3.5]	100.0
W/E Central/E (n=1,265)	10.2	[8.6,12.1]	89.6	[87.7,91.2]	0.2	[0.1,0.7]	100.0
S Central/SW/SE (n=836)	9.7	[7.7,12.0]	89.8	[87.4,91.8]	0.5	[0.2,1.2]	100.0
Detroit Metro (n=1,242)	11.9	[9.9,14.2]	87.9	[85.6,89.9]	0.3	[0.1,0.9]	100.0
Pearson: Uncorrected chi2(6) =	14.0202						
Design-based F(5.50, 22410.48) =	2.1113	Pr =	0.054				
Low healthcare utilizers							
Yes (n=491)	2.6	[1.1,6.0]	97.1	[93.7,98.7]	0.3	[0.0,2.1]	100.0
No (n=3,598)	12.3	[11.0,13.6]	87.3	[86.0,88.6]	0.4	[0.2,0.7]	100.0
Pearson: Uncorrected chi2(2) =	51.3389						
Design-based F(1.88, 7666.81) =	10.7275	Pr =	0.000				
High ER utilizers							
Yes (n=156)	14.2	[9.0,21.6]	84.5	[77.0,89.9]	1.3	[0.4,4.2]	100.0
No (n=3,933)	10.6	[9.5,11.9]	89.0	[87.8,90.1]	0.3	[0.2,0.6]	100.0
Pearson: Uncorrected chi2(2) =	6.6966						
Design-based F(1.90, 7730.22) =	2.7571	Pr =	0.067				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,160)	36.9	[33.5,40.4]	62.9	[59.4,66.3]	0.1	[0.0,0.4]	100.0
No chronic disease (n=2,929)	2.0	[1.5,2.8]	97.5	[96.6,98.1]	0.5	[0.3,0.9]	100.0
Pearson: Uncorrected chi2(2) =	973.3455						
Design-based F(1.56, 6358.76) =	429.0845	Pr =	0.000				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,034)	11.8	[10.2,13.6]	87.7	[85.8,89.3]	0.6	[0.3,1.1]	100.0
No MH/SA (n=2,055)	9.9	[8.4,11.5]	89.9	[88.2,91.4]	0.2	[0.1,0.7]	100.0
Pearson: Uncorrected chi2(2) =	7.3292						
Design-based F(2.00, 8151.68) =	2.4757	Pr =	0.084				
Total (n=4,089)	10.8	[9.7,12.0]	88.8	[87.6,89.9]	0.4	[0.2,0.7]	100.0

4.16 Q: Did you find out you had diabetes or sugar diabetes before or after you enrolled in the Healthy Michigan Plan?

Universe: Respondents with diabetes

	Before		Before/After: Diabetes		After		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category									
0-35% (n=223)	62.8	[54.4,70.4]	36.2	[28.6,44.6]	1.0	[0.2,4.1]			100.0
36-99% (n=167)	61.3	[51.7,70.0]	37.7	[29.0,47.4]	1.0	[0.3,3.3]			100.0
≥ 100% (n = 109)	71.1	[59.7,80.3]	28.9	[19.7,40.3]	0.0				100.0
Pearson: Uncorrected chi2(4) =	2.9506								
Design-based F(3.51, 1709.34) =	0.6288		Pr =	0.621					
Region									
UP/NW/NE (n=91)	66.6	[54.8,76.6]	32.0	[22.1,43.8]	1.4	[0.4,5.5]			100.0
W/E Central/E (n=150)	68.0	[59.2,75.7]	31.1	[23.5,39.9]	0.9	[0.1,5.9]			100.0
S Central/SW/SE (n=99)	66.6	[54.7,76.7]	32.6	[22.6,44.6]	0.8	[0.1,5.2]			100.0
Detroit Metro (n=159)	60.0	[50.2,69.0]	39.3	[30.3,49.1]	0.7	[0.1,5.2]			100.0
Pearson: Uncorrected chi2(6) =	3.3232								
Design-based F(4.99, 2430.16) =	0.5356		Pr =	0.749					
Low healthcare utilizers									
Yes (n=11)	52.0	[15.9,86.1]	48.0	[13.9,84.1]	0.0				100.0
No (n=488)	64.2	[58.6,69.5]	34.9	[29.7,40.5]	0.9	[0.3,2.5]			100.0
Pearson: Uncorrected chi2(2) =	1.4369								
Design-based F(1.66, 809.84) =	0.2778		Pr =	0.716					
High ER utilizers									
Yes (n=27)	69.9	[47.5,85.6]	30.1	[14.4,52.5]	0.0				100.0
No (n=472)	63.4	[57.5,69.0]	35.7	[30.2,41.6]	0.9	[0.3,2.6]			100.0
Pearson: Uncorrected chi2(2) =	0.6793								
Design-based F(1.99, 969.00) =	0.2521		Pr =	0.776					
Chronic disease (HEDIS)									
Chronic disease (HEDIS) (n=439)	68.1	[62.2,73.4]	31.4	[26.1,37.2]	0.5	[0.2,1.7]			100.0
No chronic disease (n=60)	37.9	[24.3,53.6]	59.6	[43.6,73.8]	2.5	[0.4,16.2]			100.0
Pearson: Uncorrected chi2(2) =	25.1237								
Design-based F(1.96, 955.78) =	8.0226		Pr =	0.000					
Mental health/substance use disorder (HEDIS)									
MH/SA (HEDIS) (n=265)	59.8	[52.0,67.2]	38.7	[31.4,46.6]	1.5	[0.5,4.5]			100.0
No MH/SA (n=234)	68.2	[59.8,75.6]	31.6	[24.2,40.1]	0.1	[0.0,0.9]			100.0
Pearson: Uncorrected chi2(2) =	5.7804								
Design-based F(1.42, 690.76) =	2.7185		Pr =	0.085					
Total (n=499)	63.8	[58.1,69.1]	35.4	[30.1,41.1]	0.8	[0.3,2.4]			100.0

4.17 Q: Has a doctor or other health professional ever told you that you had cancer (other than skin cancer)?

Universe: All respondents

	Yes		Cancer (non-skin) No		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,599)	3.6	[2.7,4.7]	96.0	[94.8,96.9]	0.4	[0.2,1.1]	100.0
36-99% (n=1,450)	3.7	[2.9,4.8]	96.2	[95.2,97.1]	0.1	[0.0,0.3]	100.0
≥ 100% (n = 1,040)	4.2	[3.2,5.6]	95.7	[94.3,96.8]	0.1	[0.0,0.4]	100.0
Pearson: Uncorrected chi2(4) =	6.0700						
Design-based F(3.59, 14649.05) =	2.0113	Pr =	0.098				
Region							
UP/NW/NE (n=746)	5.4	[4.0,7.3]	94.5	[92.6,96.0]	0.1	[0.0,0.4]	100.0
W/E Central/E (n=1,265)	3.5	[2.7,4.7]	96.3	[95.2,97.2]	0.1	[0.0,0.4]	100.0
S Central/SW/SE (n=836)	4.4	[3.2,6.0]	95.3	[93.7,96.6]	0.3	[0.1,0.8]	100.0
Detroit Metro (n=1,242)	3.3	[2.3,4.5]	96.3	[95.0,97.3]	0.4	[0.1,1.2]	100.0
Pearson: Uncorrected chi2(6) =	8.0105						
Design-based F(4.90, 19993.91) =	1.6239	Pr =	0.151				
Low healthcare utilizers							
Yes (n=491)	1.0	[0.4,2.4]	99.0	[97.6,99.6]	0.0		100.0
No (n=3,598)	4.2	[3.6,5.0]	95.4	[94.6,96.1]	0.3	[0.1,0.7]	100.0
Pearson: Uncorrected chi2(2) =	17.7379						
Design-based F(1.96, 7977.47) =	5.6558	Pr =	0.004				
High ER utilizers							
Yes (n=156)	2.5	[1.0,6.4]	95.4	[89.0,98.2]	2.0	[0.4,10.5]	100.0
No (n=3,933)	3.8	[3.2,4.5]	96.0	[95.3,96.6]	0.2	[0.1,0.4]	100.0
Pearson: Uncorrected chi2(2) =	23.0150						
Design-based F(1.77, 7209.43) =	6.8446	Pr =	0.002				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,160)	5.3	[4.0,7.0]	94.3	[92.4,95.7]	0.4	[0.1,1.8]	100.0
No chronic disease (n=2,929)	3.2	[2.6,4.0]	96.6	[95.8,97.2]	0.2	[0.1,0.5]	100.0
Pearson: Uncorrected chi2(2) =	10.4470						
Design-based F(1.86, 7570.11) =	3.2160	Pr =	0.044				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,034)	4.0	[3.2,5.1]	95.6	[94.5,96.5]	0.3	[0.1,1.0]	100.0
No MH/SA (n=2,055)	3.5	[2.7,4.4]	96.3	[95.3,97.1]	0.2	[0.1,0.5]	100.0
Pearson: Uncorrected chi2(2) =	1.8809						
Design-based F(1.96, 7989.32) =	0.6952	Pr =	0.496				
Total (n=4,089)	3.7	[3.2,4.4]	96.0	[95.3,96.6]	0.3	[0.1,0.6]	100.0

4.18 Q: Did you find out you had cancer (other than skin cancer) before or after you enrolled in the Healthy Michigan Plan?

Universe: Respondents who had/have cancer

	Before		Before/After: Cancer (non-skin)				Total Row%
	Row%	95%CI	After Row%	95%CI	Don't know Row%	95%CI	
FPL category							
0-35% (n=73)	53.3	[39.4,66.7]	46.7	[33.3,60.6]	0.0		100.0
36-99% (n=72)	59.5	[46.5,71.2]	38.9	[27.3,51.9]	1.6	[0.2,10.7]	100.0
≥ 100%(n = 58)	77.1	[63.8,86.5]	22.9	[13.5,36.2]	0.0		100.0
Pearson: Uncorrected chi2(4) =	9.7616						
Design-based F(3.19, 610.21) =	2.7951	Pr =	0.036				
Region							
UP/NW/NE (n=46)	59.5	[43.1,74.1]	37.0	[23.2,53.4]	3.5	[0.5,21.4]	100.0
W/E Central/E (n=59)	71.8	[57.2,82.8]	28.2	[17.2,42.8]	0.0		100.0
S Central/SW/SE (n=48)	71.5	[56.1,83.2]	28.5	[16.8,43.9]	0.0		100.0
Detroit Metro (n=50)	46.1	[30.4,62.6]	53.9	[37.4,69.6]	0.0		100.0
Pearson: Uncorrected chi2(6) =	18.1398						
Design-based F(4.33, 827.68) =	3.5875	Pr =	0.005				
Low healthcare utilizers							
Yes (n=7)	43.0	[11.8,80.9]	57.0	[19.1,88.2]	0.0		100.0
No (n=196)	61.0	[52.3,69.1]	38.5	[30.5,47.2]	0.5	[0.1,3.3]	100.0
Pearson: Uncorrected chi2(2) =	1.1310						
Design-based F(1.82, 348.06) =	0.4445	Pr =	0.623				
High ER utilizers							
Yes (n=5)	68.0	[22.3,94.0]	32.0	[6.0,77.7]	0.0		100.0
No (n=198)	60.1	[51.4,68.1]	39.5	[31.4,48.1]	0.5	[0.1,3.3]	100.0
Pearson: Uncorrected chi2(2) =	0.1734						
Design-based F(1.95, 371.69) =	0.0744	Pr =	0.924				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=73)	54.6	[40.0,68.5]	45.4	[31.5,60.0]	0.0		100.0
No chronic disease (n=130)	63.4	[52.8,73.0]	35.9	[26.4,46.6]	0.7	[0.1,4.9]	100.0
Pearson: Uncorrected chi2(2) =	2.1831						
Design-based F(1.85, 354.04) =	0.8475	Pr =	0.422				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=110)	58.3	[46.4,69.2]	41.7	[30.8,53.6]	0.0		100.0
No MH/SA (n=93)	62.5	[49.5,73.9]	36.5	[25.2,49.6]	0.9	[0.1,6.5]	100.0
Pearson: Uncorrected chi2(2) =	1.4903						
Design-based F(1.85, 352.41) =	0.5741	Pr =	0.550				
Total (n=203)	60.3	[51.8,68.3]	39.2	[31.3,47.8]	0.5	[0.1,3.2]	100.0

4.19 Q: Has a doctor or other health professional ever told you that you had a mood disorder?

Universe: All respondents

	Yes		Mood disorder No		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,596)	35.5	[32.6,38.4]	63.9	[61.0,66.8]	0.6	[0.2,1.5]	100.0
36-99% (n=1,448)	26.1	[23.6,28.8]	73.8	[71.0,76.3]	0.1	[0.0,0.5]	100.0
≥ 100% (n = 1,040)	23.4	[20.5,26.5]	76.4	[73.3,79.3]	0.2	[0.1,0.6]	100.0
Pearson: Uncorrected chi2(4) =	61.5155						
Design-based F(3.67, 14946.37) =	14.7403	Pr =	0.000				
Region							
UP/NW/NE (n=745)	35.3	[31.5,39.3]	64.6	[60.6,68.4]	0.1	[0.0,0.8]	100.0
W/E Central/E (n=1,264)	36.6	[33.6,39.8]	63.1	[60.0,66.2]	0.2	[0.1,0.7]	100.0
S Central/SW/SE (n=834)	35.9	[32.1,39.8]	64.1	[60.2,67.8]	0.1	[0.0,0.4]	100.0
Detroit Metro (n=1,241)	23.1	[20.2,26.2]	76.3	[73.1,79.2]	0.6	[0.2,1.8]	100.0
Pearson: Uncorrected chi2(6) =	86.4558						
Design-based F(4.74, 19288.99) =	14.1873	Pr =	0.000				
Low healthcare utilizers							
Yes (n=491)	14.9	[11.5,19.1]	84.8	[80.6,88.3]	0.3	[0.1,1.0]	100.0
No (n=3,593)	33.2	[31.3,35.2]	66.4	[64.4,68.3]	0.4	[0.2,0.9]	100.0
Pearson: Uncorrected chi2(2) =	84.4482						
Design-based F(1.85, 7527.01) =	29.9098	Pr =	0.000				
High ER utilizers							
Yes (n=155)	51.7	[41.7,61.7]	46.5	[36.7,56.6]	1.7	[0.2,11.3]	100.0
No (n=3,929)	29.5	[27.7,31.3]	70.2	[68.4,72.0]	0.3	[0.1,0.7]	100.0
Pearson: Uncorrected chi2(2) =	51.0284						
Design-based F(1.91, 7768.94) =	10.6087	Pr =	0.000				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,160)	37.0	[33.7,40.5]	62.4	[58.9,65.8]	0.6	[0.1,2.2]	100.0
No chronic disease (n=2,924)	28.2	[26.2,30.3]	71.5	[69.4,73.5]	0.3	[0.1,0.8]	100.0
Pearson: Uncorrected chi2(2) =	29.9302						
Design-based F(1.85, 7538.19) =	7.3398	Pr =	0.001				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,030)	55.0	[52.3,57.8]	44.6	[41.9,47.4]	0.3	[0.1,0.9]	100.0
No MH/SA (n=2,054)	7.4	[6.1,9.0]	92.2	[90.5,93.5]	0.4	[0.1,1.3]	100.0
Pearson: Uncorrected chi2(2) =	1092.2152						
Design-based F(1.94, 7899.81) =	273.7532	Pr =	0.000				
Total (n=4,084)	30.4	[28.7,32.2]	69.2	[67.4,71.0]	0.4	[0.2,0.8]	100.0

4.20 Q: Did you find out you had a mood disorder before or after you enrolled in the Healthy Michigan Plan?

Universe: Respondents with a mood disorder

	Before		Before/After: Mood disorder				Total Row%
	Row%	95%CI	After Row%	95%CI	Don't know Row%	95%CI	
FPL category							
0-35% (n=623)	69.0	[64.3,73.4]	30.6	[26.3,35.4]	0.4	[0.1,1.4]	100.0
36-99% (n=413)	70.7	[64.5,76.2]	29.1	[23.6,35.3]	0.2	[0.0,1.2]	100.0
≥ 100% (n = 252)	78.1	[70.9,84.0]	21.4	[15.6,28.7]	0.5	[0.1,2.0]	100.0
Pearson: Uncorrected chi2(4) =	6.8448						
Design-based F(3.49, 4455.62) =	1.6053	Pr =	0.178				
Region							
UP/NW/NE (n=258)	71.6	[64.8,77.6]	28.1	[22.2,35.0]	0.2	[0.0,1.7]	100.0
W/E Central/E (n=456)	73.3	[68.0,78.0]	26.5	[21.8,31.8]	0.1	[0.0,1.0]	100.0
S Central/SW/SE (n=310)	71.8	[65.5,77.3]	28.0	[22.5,34.3]	0.2	[0.0,1.4]	100.0
Detroit Metro (n=264)	67.4	[59.9,74.0]	32.0	[25.4,39.4]	0.6	[0.2,2.6]	100.0
Pearson: Uncorrected chi2(6) =	5.5340						
Design-based F(4.51, 5753.67) =	0.9097	Pr =	0.466				
Low healthcare utilizers							
Yes (n=83)	79.7	[68.6,87.7]	20.3	[12.3,31.4]	0.0		100.0
No (n=1,205)	70.1	[66.6,73.4]	29.5	[26.2,33.1]	0.4	[0.1,1.0]	100.0
Pearson: Uncorrected chi2(2) =	4.1878						
Design-based F(1.97, 2512.47) =	1.6425	Pr =	0.194				
High ER utilizers							
Yes (n=88)	67.0	[51.7,79.3]	33.0	[20.7,48.3]	0.0		100.0
No (n=1,200)	71.1	[67.7,74.3]	28.5	[25.3,31.9]	0.4	[0.1,1.0]	100.0
Pearson: Uncorrected chi2(2) =	1.1937						
Design-based F(1.81, 2314.89) =	0.3598	Pr =	0.677				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=430)	65.9	[59.9,71.4]	33.1	[27.6,39.1]	1.0	[0.3,2.9]	100.0
No chronic disease (n=858)	73.0	[68.9,76.7]	27.0	[23.2,31.0]	0.0	[0.0,0.3]	100.0
Pearson: Uncorrected chi2(2) =	13.2070						
Design-based F(1.46, 1865.05) =	6.5362	Pr =	0.004				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=1,131)	70.1	[66.5,73.5]	29.5	[26.1,33.1]	0.4	[0.1,1.0]	100.0
No MH/SA (n=157)	75.5	[66.2,82.9]	24.5	[17.1,33.8]	0.0		100.0
Pearson: Uncorrected chi2(2) =	2.4284						
Design-based F(1.93, 2467.78) =	0.8941	Pr =	0.406				
Total (n=1,288)	70.8	[67.5,74.0]	28.8	[25.7,32.2]	0.3	[0.1,0.9]	100.0

4.21 Q: Has a doctor or other health professional ever told you that you had a stroke?

Universe: All respondents

	Yes		Stroke		No		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category									
0-35% (n=1,599)	2.2	[1.6,3.2]	97.5	[96.4,98.2]	0.3	[0.1,1.0]			100.0
36-99% (n=1,450)	1.5	[1.0,2.3]	98.5	[97.7,99.0]	0.0				100.0
≥ 100% (n = 1,040)	1.8	[1.1,2.9]	98.2	[97.1,98.9]	0.0				100.0
Pearson: Uncorrected chi2(4) =	8.0063								
Design-based F(2.87, 11698.74) =	1.6996	Pr =	0.167						
Region									
UP/NW/NE (n=746)	1.4	[0.8,2.5]	98.5	[97.4,99.1]	0.1	[0.0,0.4]			100.0
W/E Central/E (n=1,265)	2.3	[1.5,3.4]	97.7	[96.6,98.4]	0.1	[0.0,0.6]			100.0
S Central/SW/SE (n=836)	2.5	[1.5,3.9]	97.5	[96.1,98.5]	0.0				100.0
Detroit Metro (n=1,242)	1.6	[1.0,2.6]	98.1	[97.0,98.8]	0.3	[0.1,1.2]			100.0
Pearson: Uncorrected chi2(6) =	7.1299								
Design-based F(4.07, 16574.14) =	1.0266	Pr =	0.392						
Low healthcare utilizers									
Yes (n=491)	0.8	[0.3,2.3]	99.2	[97.7,99.7]	0.0				100.0
No (n=3,598)	2.1	[1.7,2.8]	97.7	[97.0,98.2]	0.2	[0.1,0.6]			100.0
Pearson: Uncorrected chi2(2) =	6.0404								
Design-based F(1.89, 7724.08) =	1.6106	Pr =	0.201						
High ER utilizers									
Yes (n=156)	3.5	[1.6,7.3]	94.8	[88.7,97.7]	1.7	[0.2,11.1]			100.0
No (n=3,933)	1.9	[1.4,2.4]	98.0	[97.5,98.5]	0.1	[0.0,0.3]			100.0
Pearson: Uncorrected chi2(2) =	32.9664								
Design-based F(1.72, 7004.97) =	9.9496	Pr =	0.000						
Chronic disease (HEDIS)									
Chronic disease (HEDIS) (n=1,160)	5.0	[3.7,6.7]	95.0	[93.3,96.3]	0.0				100.0
No chronic disease (n=2,929)	0.9	[0.6,1.4]	98.9	[98.3,99.3]	0.2	[0.1,0.7]			100.0
Pearson: Uncorrected chi2(2) =	68.4573								
Design-based F(1.87, 7642.94) =	18.5926	Pr =	0.000						
Mental health/substance use disorder (HEDIS)									
MH/SA (HEDIS) (n=2,034)	2.5	[1.8,3.3]	97.2	[96.3,98.0]	0.3	[0.1,1.0]			100.0
No MH/SA (n=2,055)	1.5	[0.9,2.3]	98.5	[97.7,99.1]	0.0	[0.0,0.1]			100.0
Pearson: Uncorrected chi2(2) =	11.1918								
Design-based F(1.37, 5571.66) =	6.5270	Pr =	0.005						
Total (n=4,089)	1.9	[1.5,2.5]	97.9	[97.3,98.4]	0.2	[0.0,0.5]			100.0

4.22 Q: Did you find out you had a stroke before or after you enrolled in the Healthy Michigan Plan?

Universe: Respondents who had a stroke

	Before/After: Stroke				Total Row%
	Before Row%	95%CI	After Row%	95%CI	
FPL category					
0-35% (n=41)	58.7	[40.2,75.0]	41.3	[25.0,59.8]	100.0
36-99% (n=26)	67.1	[43.5,84.4]	32.9	[15.6,56.5]	100.0
≥ 100%(n = 21)	54.4	[28.8,77.9]	45.6	[22.1,71.2]	100.0
Pearson: Uncorrected chi2(2) =	0.6543				
Design-based F(1.97, 149.97) =	0.2640	Pr =	0.765		
Region					
UP/NW/NE (n=14)	66.7	[36.1,87.7]	33.3	[12.3,63.9]	100.0
W/E Central/E (n=29)	58.4	[37.9,76.4]	41.6	[23.6,62.1]	100.0
S Central/SW/SE (n=23)	57.4	[34.1,77.8]	42.6	[22.2,65.9]	100.0
Detroit Metro (n=22)	61.4	[35.7,82.0]	38.6	[18.0,64.3]	100.0
Pearson: Uncorrected chi2(3) =	0.2199				
Design-based F(2.56, 194.52) =	0.0616	Pr =	0.968		
Low healthcare utilizers					
Yes (n=4)	100.0		0.0		100.0
No (n=84)	57.0	[43.4,69.7]	43.0	[30.3,56.6]	100.0
Pearson: Uncorrected chi2(1) =	4.0567				
Design-based F(1.00, 76.00) =	2.7960	Pr =	0.099		
High ER utilizers					
Yes (n=8)	8.2	[1.0,42.9]	91.8	[57.1,99.0]	100.0
No (n=80)	64.2	[50.5,76.0]	35.8	[24.0,49.5]	100.0
Pearson: Uncorrected chi2(1) =	8.3474				
Design-based F(1.00, 76.00) =	13.4430	Pr =	0.000		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=59)	49.8	[34.1,65.5]	50.2	[34.5,65.9]	100.0
No chronic disease (n=29)	77.9	[56.0,90.7]	22.1	[9.3,44.0]	100.0
Pearson: Uncorrected chi2(1) =	6.6522				
Design-based F(1.00, 76.00) =	4.6173	Pr =	0.035		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=56)	54.3	[38.7,69.2]	45.7	[30.8,61.3]	100.0
No MH/SA (n=32)	68.4	[45.9,84.6]	31.6	[15.4,54.1]	100.0
Pearson: Uncorrected chi2(1) =	1.7157				
Design-based F(1.00, 76.00) =	1.1315	Pr =	0.291		
Total (n=88)	59.8	[46.7,71.7]	40.2	[28.3,53.3]	100.0

4.23 Q: Has a doctor or other health professional ever told you that you had asthma?

Universe: All respondents

	Asthma						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,599)	17.2	[15.1,19.5]	82.6	[80.2,84.7]	0.2	[0.1,0.5]	100.0
36-99% (n=1,449)	17.4	[15.1,20.0]	82.4	[79.8,84.7]	0.2	[0.1,0.6]	100.0
≥ 100% (n = 1,040)	16.3	[13.8,19.1]	83.7	[80.8,86.1]	0.0	[0.0,0.3]	100.0
Pearson: Uncorrected chi2(4) =	1.5944						
Design-based F(3.35, 13670.98) =	0.4100	Pr =	0.768				
Region							
UP/NW/NE (n=746)	18.2	[15.3,21.5]	81.4	[78.1,84.3]	0.4	[0.1,1.3]	100.0
W/E Central/E (n=1,264)	17.8	[15.5,20.4]	81.8	[79.2,84.2]	0.3	[0.1,0.9]	100.0
S Central/SW/SE (n=836)	19.1	[16.2,22.4]	80.7	[77.4,83.6]	0.1	[0.0,1.0]	100.0
Detroit Metro (n=1,242)	15.5	[13.2,18.1]	84.4	[81.8,86.7]	0.1	[0.0,0.3]	100.0
Pearson: Uncorrected chi2(6) =	9.8079						
Design-based F(5.19, 21159.45) =	1.5998	Pr =	0.154				
Low healthcare utilizers							
Yes (n=491)	11.4	[8.5,15.2]	88.4	[84.7,91.4]	0.1	[0.0,0.8]	100.0
No (n=3,597)	18.1	[16.6,19.7]	81.7	[80.1,83.2]	0.2	[0.1,0.4]	100.0
Pearson: Uncorrected chi2(2) =	16.8696						
Design-based F(1.71, 6958.33) =	6.7971	Pr =	0.002				
High ER utilizers							
Yes (n=156)	28.3	[20.5,37.7]	71.7	[62.3,79.5]	0.0		100.0
No (n=3,932)	16.6	[15.2,18.1]	83.2	[81.7,84.6]	0.2	[0.1,0.4]	100.0
Pearson: Uncorrected chi2(2) =	17.0402						
Design-based F(1.83, 7471.47) =	6.4143	Pr =	0.002				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,160)	35.1	[31.7,38.6]	64.6	[61.1,68.0]	0.3	[0.1,0.9]	100.0
No chronic disease (n=2,928)	11.1	[9.7,12.6]	88.8	[87.3,90.2]	0.1	[0.1,0.3]	100.0
Pearson: Uncorrected chi2(2) =	315.6132						
Design-based F(1.89, 7689.47) =	129.9910	Pr =	0.000				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,034)	22.2	[20.0,24.6]	77.6	[75.3,79.9]	0.2	[0.1,0.4]	100.0
No MH/SA (n=2,054)	12.3	[10.7,14.1]	87.5	[85.7,89.1]	0.2	[0.1,0.5]	100.0
Pearson: Uncorrected chi2(2) =	69.8966						
Design-based F(1.87, 7602.44) =	29.1051	Pr =	0.000				
Total (n=4,088)	17.1	[15.7,18.6]	82.7	[81.2,84.1]	0.2	[0.1,0.4]	100.0

4.24 Q: Did you find out you had asthma before or after you enrolled in the Healthy Michigan Plan?

Universe: Respondents who had/have asthma

	Before		Before/After: Asthma After		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=300)	83.2	[77.2,87.8]	16.2	[11.6,22.1]	0.7	[0.1,4.6]	100.0
36-99% (n=250)	90.1	[84.2,93.9]	9.7	[5.9,15.6]	0.2	[0.0,1.6]	100.0
≥ 100%(n = 175)	90.6	[84.1,94.5]	8.6	[4.8,15.0]	0.8	[0.2,3.3]	100.0
Pearson: Uncorrected chi2(4) =	8.4724						
Design-based F(3.57, 2542.74) =	1.8673	Pr =	0.122				
Region							
UP/NW/NE (n=143)	89.6	[82.5,94.1]	9.5	[5.3,16.5]	0.8	[0.1,5.8]	100.0
W/E Central/E (n=222)	85.4	[79.2,89.9]	14.2	[9.6,20.4]	0.5	[0.1,1.9]	100.0
S Central/SW/SE (n=165)	93.0	[88.2,96.0]	7.0	[4.0,11.8]	0.0		100.0
Detroit Metro (n=195)	83.3	[75.6,89.0]	15.8	[10.3,23.5]	0.9	[0.1,5.9]	100.0
Pearson: Uncorrected chi2(6) =	9.5590						
Design-based F(4.33, 3089.62) =	1.3602	Pr =	0.242				
Low healthcare utilizers							
Yes (n=65)	95.9	[84.2,99.0]	4.1	[1.0,15.8]	0.0		100.0
No (n=660)	85.5	[81.6,88.7]	13.9	[10.8,17.7]	0.6	[0.2,2.2]	100.0
Pearson: Uncorrected chi2(2) =	6.2803						
Design-based F(2.00, 1425.45) =	1.8603	Pr =	0.156				
High ER utilizers							
Yes (n=47)	80.8	[64.1,90.9]	19.2	[9.1,35.9]	0.0		100.0
No (n=678)	87.0	[83.3,90.0]	12.4	[9.5,16.1]	0.6	[0.2,2.2]	100.0
Pearson: Uncorrected chi2(2) =	2.2853						
Design-based F(2.00, 1423.68) =	0.6880	Pr =	0.503				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=407)	82.8	[77.6,87.0]	16.1	[12.1,21.2]	1.1	[0.3,3.8]	100.0
No chronic disease (n=318)	90.5	[84.9,94.2]	9.5	[5.8,15.1]	0.0		100.0
Pearson: Uncorrected chi2(2) =	11.2834						
Design-based F(1.99, 1420.80) =	3.0829	Pr =	0.046				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=445)	84.4	[79.4,88.5]	14.8	[10.9,19.8]	0.8	[0.2,3.2]	100.0
No MH/SA (n=280)	90.1	[85.2,93.5]	9.7	[6.3,14.5]	0.2	[0.0,1.5]	100.0
Pearson: Uncorrected chi2(2) =	4.9596						
Design-based F(1.83, 1304.24) =	2.2182	Pr =	0.114				
Total (n=725)	86.6	[83.0,89.5]	12.9	[10.0,16.4]	0.6	[0.2,2.0]	100.0

4.25 Q: Has a doctor or other health professional ever told you that you had chronic bronchitis, COPD, or emphysema?

Universe: All respondents

	Chronic bronchitis, COPD, emphysema						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,599)	12.1	[10.4,14.1]	87.3	[85.2,89.1]	0.6	[0.3,1.3]	100.0
36-99% (n=1,450)	8.8	[7.2,10.6]	91.0	[89.2,92.6]	0.2	[0.1,0.6]	100.0
≥ 100%(n = 1,040)	8.7	[7.1,10.7]	91.1	[89.2,92.8]	0.1	[0.0,0.6]	100.0
Pearson: Uncorrected chi2(4) =	17.3305						
Design-based F(3.74, 15257.13) =	4.4485	Pr =	0.002				
Region							
UP/NW/NE (n=746)	10.9	[8.7,13.6]	88.2	[85.4,90.5]	0.9	[0.4,2.0]	100.0
W/E Central/E (n=1,265)	11.3	[9.5,13.3]	88.3	[86.3,90.1]	0.4	[0.2,0.9]	100.0
S Central/SW/SE (n=836)	10.4	[8.5,12.8]	89.5	[87.1,91.4]	0.1	[0.0,0.8]	100.0
Detroit Metro (n=1,242)	9.9	[8.0,12.1]	89.6	[87.4,91.6]	0.5	[0.1,1.4]	100.0
Pearson: Uncorrected chi2(6) =	5.1263						
Design-based F(5.11, 20846.82) =	0.7691	Pr =	0.575				
Low healthcare utilizers							
Yes (n=491)	5.8	[3.4,9.8]	94.1	[90.2,96.5]	0.1	[0.0,0.4]	100.0
No (n=3,598)	11.3	[10.2,12.6]	88.2	[86.9,89.4]	0.5	[0.2,0.9]	100.0
Pearson: Uncorrected chi2(2) =	19.2989						
Design-based F(1.28, 5212.20) =	6.2465	Pr =	0.007				
High ER utilizers							
Yes (n=156)	26.3	[18.1,36.5]	73.7	[63.5,81.9]	0.0		100.0
No (n=3,933)	9.8	[8.7,10.9]	89.8	[88.6,90.9]	0.4	[0.2,0.8]	100.0
Pearson: Uncorrected chi2(2) =	50.7386						
Design-based F(1.99, 8113.55) =	13.4951	Pr =	0.000				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,160)	26.9	[23.9,30.1]	72.6	[69.4,75.6]	0.5	[0.1,1.7]	100.0
No chronic disease (n=2,929)	5.0	[4.0,6.1]	94.6	[93.4,95.6]	0.4	[0.2,0.8]	100.0
Pearson: Uncorrected chi2(2) =	394.2775						
Design-based F(1.98, 8056.28) =	109.6615	Pr =	0.000				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,034)	14.4	[12.6,16.4]	85.1	[83.0,86.9]	0.5	[0.2,1.2]	100.0
No MH/SA (n=2,055)	6.8	[5.7,8.2]	92.9	[91.5,94.1]	0.3	[0.1,0.7]	100.0
Pearson: Uncorrected chi2(2) =	64.4772						
Design-based F(2.00, 8135.54) =	21.5905	Pr =	0.000				
Total (n=4,089)	10.5	[9.4,11.7]	89.1	[87.9,90.2]	0.4	[0.2,0.8]	100.0

4.26 Q: Did you find out you had chronic bronchitis, COPD, or emphysema before or after you enrolled in the Healthy Michigan Plan?

Universe: Respondents with chronic bronchitis, COPD, or emphysema

	Before/After: Chronic bronchitis, COPD, emphysema						Total Row%
	Before		After		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=228)	62.8	[54.9,70.1]	36.2	[28.9,44.2]	1.0	[0.3,3.0]	100.0
36-99% (n=144)	65.4	[54.9,74.7]	34.3	[25.1,44.8]	0.3	[0.0,1.9]	100.0
≥ 100%(n = 107)	61.8	[51.0,71.5]	37.0	[27.3,47.7]	1.3	[0.2,8.7]	100.0
Pearson: Uncorrected chi2(4) =	0.8965						
Design-based F(3.42, 1596.22) =	0.2296	Pr =	0.898				
Region							
UP/NW/NE (n=90)	55.1	[43.2,66.5]	44.2	[32.9,56.1]	0.7	[0.1,4.9]	100.0
W/E Central/E (n=162)	57.5	[48.6,65.9]	40.0	[31.7,48.9]	2.5	[0.9,6.8]	100.0
S Central/SW/SE (n=104)	67.2	[56.6,76.2]	32.8	[23.8,43.4]	0.0		100.0
Detroit Metro (n=123)	67.7	[56.8,77.0]	32.3	[23.0,43.2]	0.0		100.0
Pearson: Uncorrected chi2(6) =	12.0441						
Design-based F(4.36, 2037.88) =	2.2651	Pr =	0.054				
Low healthcare utilizers							
Yes (n=26)	91.0	[74.4,97.3]	9.0	[2.7,25.6]	0.0		100.0
No (n=453)	60.7	[55.0,66.2]	38.3	[32.9,44.1]	0.9	[0.4,2.3]	100.0
Pearson: Uncorrected chi2(2) =	14.6101						
Design-based F(1.94, 908.14) =	5.9337	Pr =	0.003				
High ER utilizers							
Yes (n=35)	85.4	[71.8,93.1]	14.6	[6.9,28.2]	0.0		100.0
No (n=444)	60.5	[54.6,66.1]	38.5	[33.0,44.4]	1.0	[0.4,2.4]	100.0
Pearson: Uncorrected chi2(2) =	12.6793						
Design-based F(1.95, 910.44) =	5.6981	Pr =	0.004				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=337)	57.6	[50.9,64.0]	41.2	[34.9,47.9]	1.2	[0.4,3.3]	100.0
No chronic disease (n=142)	73.6	[63.6,81.6]	26.2	[18.2,36.2]	0.2	[0.0,1.3]	100.0
Pearson: Uncorrected chi2(2) =	12.7222						
Design-based F(1.40, 656.13) =	6.0734	Pr =	0.007				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=309)	59.8	[52.7,66.6]	39.2	[32.5,46.4]	1.0	[0.3,2.8]	100.0
No MH/SA (n=170)	70.2	[61.5,77.6]	29.2	[21.9,37.8]	0.6	[0.1,4.4]	100.0
Pearson: Uncorrected chi2(2) =	4.9399						
Design-based F(1.94, 904.79) =	2.0595	Pr =	0.130				
Total (n=479)	63.3	[57.7,68.5]	35.9	[30.6,41.5]	0.8	[0.3,2.2]	100.0

4.27 Q: Has a doctor or other health professional ever told you that you had a substance use disorder?

Universe: All respondents

	Substance use disorder						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,598)	5.9	[4.6,7.5]	93.9	[92.3,95.2]	0.2	[0.1,0.9]	100.0
36-99% (n=1,450)	2.0	[1.4,2.8]	97.9	[97.0,98.6]	0.1	[0.0,0.6]	100.0
≥ 100%(n = 1,040)	2.5	[1.7,3.9]	97.2	[95.9,98.1]	0.2	[0.1,0.7]	100.0
Pearson: Uncorrected chi2(4) =	36.3790						
Design-based F(3.83, 15628.89) =	8.4963	Pr =	0.000				
Region							
UP/NW/NE (n=745)	4.9	[3.5,6.8]	94.8	[92.8,96.2]	0.4	[0.1,1.6]	100.0
W/E Central/E (n=1,265)	3.9	[2.8,5.5]	95.9	[94.3,97.1]	0.1	[0.0,0.6]	100.0
S Central/SW/SE (n=836)	5.7	[4.1,7.9]	94.3	[92.1,95.9]	0.0		100.0
Detroit Metro (n=1,242)	3.4	[2.3,5.0]	96.3	[94.7,97.4]	0.3	[0.1,1.1]	100.0
Pearson: Uncorrected chi2(6) =	10.0740						
Design-based F(4.83, 19706.14) =	1.2537	Pr =	0.282				
Low healthcare utilizers							
Yes (n=491)	6.4	[4.2,9.7]	93.6	[90.3,95.8]	0.0		100.0
No (n=3,597)	3.7	[3.0,4.6]	96.1	[95.2,96.8]	0.2	[0.1,0.6]	100.0
Pearson: Uncorrected chi2(2) =	11.2945						
Design-based F(2.00, 8148.16) =	3.1000	Pr =	0.045				
High ER utilizers							
Yes (n=156)	15.3	[8.9,25.1]	84.1	[74.4,90.6]	0.5	[0.1,3.7]	100.0
No (n=3,932)	3.6	[3.0,4.4]	96.2	[95.4,96.9]	0.2	[0.1,0.5]	100.0
Pearson: Uncorrected chi2(2) =	61.6388						
Design-based F(1.79, 7316.27) =	18.6734	Pr =	0.000				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,160)	5.2	[3.9,7.0]	94.8	[93.0,96.1]	0.0	[0.0,0.3]	100.0
No chronic disease (n=2,928)	3.8	[2.9,4.8]	96.0	[94.9,96.8]	0.2	[0.1,0.6]	100.0
Pearson: Uncorrected chi2(2) =	5.6263						
Design-based F(1.56, 6365.91) =	2.9700	Pr =	0.064				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,033)	7.3	[5.9,8.9]	92.4	[90.7,93.7]	0.4	[0.1,1.0]	100.0
No MH/SA (n=2,055)	1.2	[0.7,2.0]	98.8	[98.0,99.3]	0.0	[0.0,0.2]	100.0
Pearson: Uncorrected chi2(2) =	102.8500						
Design-based F(1.60, 6526.21) =	42.7975	Pr =	0.000				
Total (n=4,088)	4.1	[3.4,5.0]	95.7	[94.8,96.4]	0.2	[0.1,0.5]	100.0

4.28 Q: Did you find out you had a substance use disorder before or after you enrolled in the Healthy Michigan Plan?

Universe: Respondents with a substance use disorder

	Before/After: Substance use disorder						Total Row%
	Before		After		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=104)	90.9	[81.4,95.8]	7.6	[3.3,16.6]	1.5	[0.2,10.3]	100.0
36-99% (n=33)	80.1	[58.5,92.0]	19.9	[8.0,41.5]	0.0		100.0
≥ 100% (n = 28)	86.5	[66.8,95.4]	9.3	[2.8,26.5]	4.2	[0.6,25.5]	100.0
Pearson: Uncorrected chi2(4) =	4.4699						
Design-based F(3.57, 546.72) =	0.9625		Pr =	0.421			
Region							
UP/NW/NE (n=40)	92.7	[78.8,97.8]	7.3	[2.2,21.2]	0.0		100.0
W/E Central/E (n=44)	87.4	[70.0,95.3]	12.6	[4.7,30.0]	0.0		100.0
S Central/SW/SE (n=44)	86.2	[69.2,94.6]	11.8	[4.2,29.0]	2.0	[0.3,13.3]	100.0
Detroit Metro (n=37)	90.7	[75.7,96.9]	6.2	[1.7,19.6]	3.1	[0.4,19.8]	100.0
Pearson: Uncorrected chi2(6) =	3.4109						
Design-based F(4.56, 698.15) =	0.5304		Pr =	0.737			
Low healthcare utilizers							
Yes (n=35)	81.6	[60.8,92.6]	18.4	[7.4,39.2]	0.0		100.0
No (n=130)	91.2	[83.5,95.4]	6.7	[3.2,13.5]	2.1	[0.5,9.1]	100.0
Pearson: Uncorrected chi2(2) =	5.5158						
Design-based F(2.00, 305.72) =	1.8297		Pr =	0.162			
High ER utilizers							
Yes (n=20)	84.4	[56.8,95.7]	8.8	[1.7,35.3]	6.8	[0.9,37.2]	100.0
No (n=145)	89.8	[82.3,94.3]	9.6	[5.2,17.0]	0.6	[0.1,4.3]	100.0
Pearson: Uncorrected chi2(2) =	5.4603						
Design-based F(1.96, 299.57) =	1.9410		Pr =	0.146			
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=55)	90.1	[76.9,96.2]	6.3	[2.3,15.8]	3.6	[0.5,21.6]	100.0
No chronic disease (n=110)	88.3	[78.6,93.9]	11.0	[5.5,20.6]	0.7	[0.1,5.3]	100.0
Pearson: Uncorrected chi2(2) =	2.5441						
Design-based F(1.98, 303.69) =	1.1752		Pr =	0.310			
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=144)	91.0	[83.7,95.2]	7.1	[3.6,13.7]	1.9	[0.4,8.2]	100.0
No MH/SA (n=21)	76.8	[49.6,91.7]	23.2	[8.3,50.4]	0.0		100.0
Pearson: Uncorrected chi2(2) =	6.5847						
Design-based F(2.00, 305.52) =	2.1537		Pr =	0.118			
Total (n=165)	88.9	[81.6,93.5]	9.5	[5.3,16.3]	1.6	[0.4,7.1]	100.0

4.29 Q: Has a doctor or other health professional ever told you that you had any other health condition that can be controlled but not cured?

Universe: All respondents

	Other chronic condition						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,598)	27.7	[25.2,30.3]	72.1	[69.4,74.6]	0.3	[0.1,0.6]	100.0
36-99% (n=1,450)	26.6	[24.1,29.4]	72.9	[70.2,75.5]	0.4	[0.2,1.1]	100.0
≥ 100%(n = 1,039)	25.1	[22.3,28.2]	74.9	[71.8,77.7]	0.0		100.0
Pearson: Uncorrected chi2(4) =	5.3546						
Design-based F(3.93, 15999.43) =	1.1408	Pr =	0.335				
Region							
UP/NW/NE (n=746)	35.0	[31.2,39.0]	64.4	[60.4,68.2]	0.6	[0.2,1.8]	100.0
W/E Central/E (n=1,264)	31.0	[28.2,33.9]	68.7	[65.7,71.4]	0.3	[0.1,1.0]	100.0
S Central/SW/SE (n=835)	27.0	[23.7,30.5]	72.6	[69.1,75.9]	0.4	[0.1,1.2]	100.0
Detroit Metro (n=1,242)	22.5	[19.8,25.4]	77.5	[74.6,80.1]	0.1	[0.0,0.6]	100.0
Pearson: Uncorrected chi2(6) =	45.6471						
Design-based F(5.56, 22668.78) =	6.5837	Pr =	0.000				
Low healthcare utilizers							
Yes (n=491)	10.1	[7.5,13.5]	89.4	[86.0,92.1]	0.4	[0.1,1.5]	100.0
No (n=3,596)	29.9	[28.1,31.8]	69.9	[68.0,71.7]	0.2	[0.1,0.5]	100.0
Pearson: Uncorrected chi2(2) =	105.6334						
Design-based F(1.93, 7873.78) =	39.5471	Pr =	0.000				
High ER utilizers							
Yes (n=156)	35.5	[26.7,45.4]	64.0	[54.1,72.8]	0.5	[0.1,3.5]	100.0
No (n=3,931)	26.5	[24.9,28.2]	73.3	[71.6,74.9]	0.2	[0.1,0.5]	100.0
Pearson: Uncorrected chi2(2) =	7.7109						
Design-based F(1.81, 7375.96) =	2.8191	Pr =	0.065				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,160)	35.9	[32.6,39.3]	63.8	[60.4,67.1]	0.3	[0.1,0.9]	100.0
No chronic disease (n=2,927)	23.9	[22.0,25.8]	75.9	[74.0,77.7]	0.2	[0.1,0.5]	100.0
Pearson: Uncorrected chi2(2) =	57.3215						
Design-based F(1.96, 7988.14) =	23.8963	Pr =	0.000				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,033)	34.8	[32.3,37.4]	64.7	[62.1,67.3]	0.4	[0.2,0.9]	100.0
No MH/SA (n=2,054)	19.5	[17.5,21.6]	80.5	[78.4,82.4]	0.1	[0.0,0.4]	100.0
Pearson: Uncorrected chi2(2) =	129.1377						
Design-based F(1.96, 7975.65) =	51.0672	Pr =	0.000				
Total (n=4,087)	26.9	[25.3,28.5]	72.9	[71.2,74.5]	0.3	[0.1,0.5]	100.0

4.30 Q: Did you find out you had any other health condition that can be controlled but not cured before or after you enrolled in the Healthy Michigan Plan?

Universe: Respondents with any other health condition that can be controlled but not cured

	Before/After: Other chronic condition								
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%
FPL category									
0-35% (n=1,600)	72.4	[69.8,74.9]	17.6	[15.5,19.9]	9.0	[7.6,10.6]	1.0	[0.6,1.7]	100.0
36-99% (n=1,450)	73.4	[70.6,75.9]	17.5	[15.3,19.9]	8.5	[7.1,10.1]	0.7	[0.4,1.2]	100.0
≥ 100% (n = 1,040)	74.9	[71.8,77.7]	16.1	[13.8,18.8]	8.5	[6.8,10.5]	0.5	[0.3,1.0]	100.0
Pearson: Uncorrected chi2(6) =	3.5100								
Design-based F(5.65, 23021.07) =	0.5554	Pr =	0.756						
Region									
UP/NW/NE (n=746)	65.0	[61.0,68.8]	22.6	[19.3,26.3]	11.2	[8.9,13.9]	1.2	[0.6,2.2]	100.0
W/E Central/E (n=1,265)	69.1	[66.2,71.9]	19.3	[17.0,21.8]	10.7	[8.9,12.7]	0.9	[0.5,1.8]	100.0
S Central/SW/SE (n=837)	73.1	[69.5,76.3]	17.2	[14.5,20.3]	9.2	[7.3,11.5]	0.5	[0.2,1.5]	100.0
Detroit Metro (n=1,242)	77.5	[74.6,80.2]	15.0	[12.7,17.5]	6.8	[5.4,8.5]	0.8	[0.4,1.5]	100.0
Pearson: Uncorrected chi2(9) =	42.5785								
Design-based F(8.05, 32821.87) =	4.1999	Pr =	0.000						
Low healthcare utilizers									
Yes (n=491)	89.9	[86.5,92.5]	7.5	[5.4,10.3]	2.6	[1.2,5.3]	0.1	[0.0,0.7]	100.0
No (n=3,599)	70.2	[68.3,72.0]	19.1	[17.5,20.7]	9.8	[8.8,11.0]	0.9	[0.6,1.4]	100.0
Pearson: Uncorrected chi2(3) =	105.8062								
Design-based F(2.46, 10046.76) =	25.1343	Pr =	0.000						
High ER utilizers									
Yes (n=156)	64.5	[54.6,73.3]	20.6	[14.0,29.3]	14.9	[9.0,23.5]	0.0		100.0
No (n=3,934)	73.6	[71.9,75.2]	17.1	[15.8,18.6]	8.5	[7.5,9.5]	0.8	[0.6,1.2]	100.0
Pearson: Uncorrected chi2(3) =	12.7794								
Design-based F(2.96, 12068.35) =	2.5876	Pr =	0.052						
Chronic disease (HEDIS)									
Chronic disease (HEDIS) (n=1,161)	64.2	[60.8,67.4]	22.2	[19.4,25.2]	12.5	[10.5,14.8]	1.2	[0.7,2.0]	100.0
No chronic disease (n=2,929)	76.2	[74.3,78.0]	15.7	[14.1,17.3]	7.5	[6.5,8.6]	0.7	[0.4,1.2]	100.0
Pearson: Uncorrected chi2(3) =	58.7392								
Design-based F(2.98, 12141.47) =	15.6208	Pr =	0.000						
Mental health/substance use disorder (HEDIS)									
MH/SA (HEDIS) (n=2,034)	65.3	[62.7,67.8]	21.2	[19.1,23.5]	12.4	[10.8,14.2]	1.1	[0.7,1.9]	100.0
No MH/SA (n=2,056)	80.6	[78.5,82.5]	13.6	[11.9,15.5]	5.3	[4.4,6.4]	0.5	[0.3,0.9]	100.0
Pearson: Uncorrected chi2(3) =	130.3543								
Design-based F(2.96, 12091.20) =	33.5519	Pr =	0.000						
Total (n=4,090)	73.2	[71.5,74.8]	17.3	[15.9,18.7]	8.7	[7.8,9.8]	0.8	[0.5,1.2]	100.0

4.31 Respondents with at least one physical health condition present

Universe: All respondents

	At least one physical health condition present				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=1,600)	63.3	[60.1,66.4]	36.7	[33.6,39.9]	100.0
36-99% (n=1,450)	59.3	[56.1,62.3]	40.7	[37.7,43.9]	100.0
≥ 100%(n = 1,040)	56.5	[52.9,60.0]	43.5	[40.0,47.1]	100.0
Pearson: Uncorrected chi2(2) =	12.7886				
Design-based F(1.91, 7793.58) =	4.4372	Pr =	0.013		
Region					
UP/NW/NE (n=746)	67.0	[62.8,70.8]	33.0	[29.2,37.2]	100.0
W/E Central/E (n=1,265)	64.4	[61.2,67.5]	35.6	[32.5,38.8]	100.0
S Central/SW/SE (n=837)	60.8	[56.5,64.9]	39.2	[35.1,43.5]	100.0
Detroit Metro (n=1,242)	57.2	[53.7,60.6]	42.8	[39.4,46.3]	100.0
Pearson: Uncorrected chi2(3) =	21.9869				
Design-based F(2.70, 11016.29) =	5.4136	Pr =	0.002		
Low healthcare utilizers					
Yes (n=491)	34.5	[29.4,40.1]	65.5	[59.9,70.6]	100.0
No (n=3,599)	65.5	[63.5,67.5]	34.5	[32.5,36.5]	100.0
Pearson: Uncorrected chi2(1) =	212.9730				
Design-based F(1.00, 4078.00) =	105.9885	Pr =	0.000		
High ER utilizers					
Yes (n=156)	68.2	[57.3,77.4]	31.8	[22.6,42.7]	100.0
No (n=3,934)	60.4	[58.4,62.4]	39.6	[37.6,41.6]	100.0
Pearson: Uncorrected chi2(1) =	4.3965				
Design-based F(1.00, 4078.00) =	1.9808	Pr =	0.159		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=1,161)	90.3	[87.7,92.4]	9.7	[7.6,12.3]	100.0
No chronic disease (n=2,929)	50.9	[48.6,53.2]	49.1	[46.8,51.4]	100.0
Pearson: Uncorrected chi2(1) =	500.4832				
Design-based F(1.00, 4078.00) =	298.3920	Pr =	0.000		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=2,034)	69.9	[67.2,72.5]	30.1	[27.5,32.8]	100.0
No MH/SA (n=2,056)	52.3	[49.4,55.1]	47.7	[44.9,50.6]	100.0
Pearson: Uncorrected chi2(1) =	133.5790				
Design-based F(1.00, 4078.00) =	75.9649	Pr =	0.000		
Total (n=4,090)	60.8	[58.8,62.8]	39.2	[37.2,41.2]	100.0

4.32 Respondents with at least one mental health condition present

Universe: All respondents

	At least one mental health condition present				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=1,600)	37.9	[35.0,40.9]	62.1	[59.1,65.0]	100.0
36-99% (n=1,450)	26.8	[24.3,29.6]	73.2	[70.4,75.7]	100.0
≥ 100%(n = 1,040)	24.6	[21.7,27.8]	75.4	[72.2,78.3]	100.0
Pearson: Uncorrected chi2(2) =	67.9240				
Design-based F(1.94, 7929.70) =	26.7494	Pr =	0.000		
Region					
UP/NW/NE (n=746)	38.2	[34.3,42.2]	61.8	[57.8,65.7]	100.0
W/E Central/E (n=1,265)	38.1	[35.1,41.3]	61.9	[58.7,64.9]	100.0
S Central/SW/SE (n=837)	38.0	[34.2,42.0]	62.0	[58.0,65.8]	100.0
Detroit Metro (n=1,242)	24.5	[21.5,27.7]	75.5	[72.3,78.5]	100.0
Pearson: Uncorrected chi2(3) =	85.6466				
Design-based F(2.62, 10690.68) =	21.8903	Pr =	0.000		
Low healthcare utilizers					
Yes (n=491)	18.3	[14.5,22.9]	81.7	[77.1,85.5]	100.0
No (n=3,599)	34.6	[32.7,36.6]	65.4	[63.4,67.3]	100.0
Pearson: Uncorrected chi2(1) =	64.5335				
Design-based F(1.00, 4078.00) =	34.4144	Pr =	0.000		
High ER utilizers					
Yes (n=156)	55.8	[45.7,65.5]	44.2	[34.5,54.3]	100.0
No (n=3,934)	31.0	[29.2,32.9]	69.0	[67.1,70.8]	100.0
Pearson: Uncorrected chi2(1) =	48.7653				
Design-based F(1.00, 4078.00) =	25.7371	Pr =	0.000		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=1,161)	39.0	[35.5,42.5]	61.0	[57.5,64.5]	100.0
No chronic disease (n=2,929)	29.8	[27.8,32.0]	70.2	[68.0,72.2]	100.0
Pearson: Uncorrected chi2(1) =	29.4609				
Design-based F(1.00, 4078.00) =	20.0280	Pr =	0.000		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=2,034)	57.4	[54.7,60.1]	42.6	[39.9,45.3]	100.0
No MH/SA (n=2,056)	8.5	[7.0,10.1]	91.5	[89.9,93.0]	100.0
Pearson: Uncorrected chi2(1) =	1123.5896				
Design-based F(1.00, 4078.00) =	674.4324	Pr =	0.000		
Total (n=4,090)	32.1	[30.3,33.9]	67.9	[66.1,69.7]	100.0

4.33 Respondents with any chronic health condition present

Universe: All respondents

	Any chronic health condition present				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=1,600)	72.9	[69.8,75.7]	27.1	[24.3,30.2]	100.0
36-99% (n=1,450)	66.2	[63.1,69.1]	33.8	[30.9,36.9]	100.0
≥ 100%(n = 1,040)	63.9	[60.4,67.2]	36.1	[32.8,39.6]	100.0
Pearson: Uncorrected chi2(2) =	29.0557				
Design-based F(1.89, 7724.75) =	9.7567	Pr =	0.000		
Region					
UP/NW/NE (n=746)	74.4	[70.4,78.0]	25.6	[22.0,29.6]	100.0
W/E Central/E (n=1,265)	74.2	[71.2,77.0]	25.8	[23.0,28.8]	100.0
S Central/SW/SE (n=837)	72.3	[68.1,76.2]	27.7	[23.8,31.9]	100.0
Detroit Metro (n=1,242)	63.6	[60.1,66.8]	36.4	[33.2,39.9]	100.0
Pearson: Uncorrected chi2(3) =	48.3925				
Design-based F(2.72, 11087.08) =	11.5885	Pr =	0.000		
Low healthcare utilizers					
Yes (n=491)	41.8	[36.3,47.5]	58.2	[52.5,63.7]	100.0
No (n=3,599)	74.1	[72.2,75.9]	25.9	[24.1,27.8]	100.0
Pearson: Uncorrected chi2(1) =	258.9239				
Design-based F(1.00, 4078.00) =	126.9085	Pr =	0.000		
High ER utilizers					
Yes (n=156)	82.3	[74.1,88.3]	17.7	[11.7,25.9]	100.0
No (n=3,934)	68.6	[66.6,70.5]	31.4	[29.5,33.4]	100.0
Pearson: Uncorrected chi2(1) =	15.3146				
Design-based F(1.00, 4078.00) =	9.4350	Pr =	0.002		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=1,161)	92.0	[89.6,93.9]	8.0	[6.1,10.4]	100.0
No chronic disease (n=2,929)	61.5	[59.2,63.8]	38.5	[36.2,40.8]	100.0
Pearson: Uncorrected chi2(1) =	335.1254				
Design-based F(1.00, 4078.00) =	204.8324	Pr =	0.000		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=2,034)	84.3	[82.0,86.3]	15.7	[13.7,18.0]	100.0
No MH/SA (n=2,056)	55.1	[52.2,57.9]	44.9	[42.1,47.8]	100.0
Pearson: Uncorrected chi2(1) =	409.5075				
Design-based F(1.00, 4078.00) =	231.5277	Pr =	0.000		
Total (n=4,090)	69.2	[67.3,71.0]	30.8	[29.0,32.7]	100.0

4.34 Respondents with both a chronic physical and mental health condition present

Universe: All respondents

	Chronic physical and mental health conditions				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=1,600)	28.3	[25.7,30.9]	71.7	[69.1,74.3]	100.0
36-99% (n=1,450)	19.9	[17.6,22.4]	80.1	[77.6,82.4]	100.0
≥ 100% (n = 1,040)	17.2	[14.8,20.0]	82.8	[80.0,85.2]	100.0
Pearson: Uncorrected chi2(2) =	52.2342				
Design-based F(1.96, 7989.74) =	21.5944	Pr =	0.000		
Region					
UP/NW/NE (n=746)	30.8	[27.2,34.6]	69.2	[65.4,72.8]	100.0
W/E Central/E (n=1,265)	28.3	[25.6,31.3]	71.7	[68.7,74.4]	100.0
S Central/SW/SE (n=837)	26.4	[23.2,29.9]	73.6	[70.1,76.8]	100.0
Detroit Metro (n=1,242)	18.1	[15.6,20.9]	81.9	[79.1,84.4]	100.0
Pearson: Uncorrected chi2(3) =	58.3372				
Design-based F(2.64, 10786.17) =	15.8150	Pr =	0.000		
Low healthcare utilizers					
Yes (n=491)	11.0	[8.1,14.8]	89.0	[85.2,91.9]	100.0
No (n=3,599)	26.0	[24.3,27.8]	74.0	[72.2,75.7]	100.0
Pearson: Uncorrected chi2(1) =	65.6423				
Design-based F(1.00, 4078.00) =	37.1834	Pr =	0.000		
High ER utilizers					
Yes (n=156)	41.7	[32.6,51.5]	58.3	[48.5,67.4]	100.0
No (n=3,934)	22.9	[21.3,24.5]	77.1	[75.5,78.7]	100.0
Pearson: Uncorrected chi2(1) =	33.9226				
Design-based F(1.00, 4078.00) =	19.3612	Pr =	0.000		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=1,161)	37.2	[33.9,40.7]	62.8	[59.3,66.1]	100.0
No chronic disease (n=2,929)	19.2	[17.5,21.0]	80.8	[79.0,82.5]	100.0
Pearson: Uncorrected chi2(1) =	138.4025				
Design-based F(1.00, 4078.00) =	96.5760	Pr =	0.000		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=2,034)	43.0	[40.4,45.8]	57.0	[54.2,59.6]	100.0
No MH/SA (n=2,056)	5.6	[4.6,7.0]	94.4	[93.0,95.4]	100.0
Pearson: Uncorrected chi2(1) =	789.3281				
Design-based F(1.00, 4078.00) =	528.3762	Pr =	0.000		
Total (n=4,090)	23.7	[22.2,25.3]	76.3	[74.7,77.8]	100.0

4.35 Respondents with any new diagnoses since Healthy Michigan Plan enrollment

Universe: All respondents

	Any new diagnoses since HMP enrollment				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=1,600)	33.7	[31.0,36.6]	66.3	[63.4,69.0]	100.0
36-99% (n=1,450)	27.8	[25.2,30.7]	72.2	[69.3,74.8]	100.0
≥ 100% (n = 1,040)	23.9	[21.1,27.1]	76.1	[72.9,78.9]	100.0
Pearson: Uncorrected chi2(2) =	30.6745				
Design-based F(1.95, 7943.57) =	12.0124	Pr =	0.000		
Region					
UP/NW/NE (n=746)	31.1	[27.4,34.9]	68.9	[65.1,72.6]	100.0
W/E Central/E (n=1,265)	33.0	[30.1,36.0]	67.0	[64.0,69.9]	100.0
S Central/SW/SE (n=837)	30.8	[27.3,34.6]	69.2	[65.4,72.7]	100.0
Detroit Metro (n=1,242)	27.8	[24.8,30.9]	72.2	[69.1,75.2]	100.0
Pearson: Uncorrected chi2(3) =	9.4928				
Design-based F(2.68, 10910.82) =	2.5997	Pr =	0.057		
Low healthcare utilizers					
Yes (n=491)	11.0	[8.0,15.0]	89.0	[85.0,92.0]	100.0
No (n=3,599)	33.6	[31.7,35.5]	66.4	[64.5,68.3]	100.0
Pearson: Uncorrected chi2(1) =	127.8320				
Design-based F(1.00, 4078.00) =	64.6205	Pr =	0.000		
High ER utilizers					
Yes (n=156)	41.6	[32.1,51.8]	58.4	[48.2,67.9]	100.0
No (n=3,934)	29.6	[27.8,31.4]	70.4	[68.6,72.2]	100.0
Pearson: Uncorrected chi2(1) =	11.9003				
Design-based F(1.00, 4078.00) =	6.2861	Pr =	0.012		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=1,161)	49.3	[45.7,52.9]	50.7	[47.1,54.3]	100.0
No chronic disease (n=2,929)	23.7	[21.8,25.7]	76.3	[74.3,78.2]	100.0
Pearson: Uncorrected chi2(1) =	239.9029				
Design-based F(1.00, 4078.00) =	163.4317	Pr =	0.000		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=2,034)	41.1	[38.4,43.8]	58.9	[56.2,61.6]	100.0
No MH/SA (n=2,056)	19.9	[17.9,22.0]	80.1	[78.0,82.1]	100.0
Pearson: Uncorrected chi2(1) =	217.6917				
Design-based F(1.00, 4078.00) =	143.3460	Pr =	0.000		
Total (n=4,090)	30.1	[28.4,31.9]	69.9	[68.1,71.6]	100.0

4.36 Respondents number of days physical or mental health kept from activity

Universe: All respondents

	Number of days poor physical or mental health kept from usual activities						Total Row%
	0-13 days		14-30 days		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,598)	73.7	[71.0,76.3]	24.8	[22.4,27.5]	1.4	[0.9,2.2]	100.0
36-99% (n=1,445)	87.0	[84.8,88.9]	12.2	[10.4,14.3]	0.8	[0.4,1.6]	100.0
≥ 100% (n = 1,036)	89.7	[87.5,91.6]	9.5	[7.7,11.7]	0.8	[0.4,1.4]	100.0
Pearson: Uncorrected chi2(4) =	137.4536						
Design-based F(3.82, 15536.25) =	32.0200	Pr =	0.000				
Region							
UP/NW/NE (n=746)	82.5	[79.4,85.2]	15.5	[12.9,18.4]	2.0	[1.2,3.5]	100.0
W/E Central/E (n=1,261)	80.3	[77.8,82.6]	18.6	[16.4,21.1]	1.1	[0.7,1.8]	100.0
S Central/SW/SE (n=834)	80.3	[77.1,83.2]	19.1	[16.2,22.3]	0.6	[0.3,1.3]	100.0
Detroit Metro (n=1,238)	80.6	[77.7,83.2]	18.2	[15.7,21.0]	1.2	[0.6,2.2]	100.0
Pearson: Uncorrected chi2(6) =	6.6673						
Design-based F(5.18, 21064.15) =	1.0435	Pr =	0.391				
Low healthcare utilizers							
Yes (n=489)	92.2	[88.5,94.7]	7.5	[5.0,11.1]	0.3	[0.1,1.1]	100.0
No (n=3,590)	78.6	[76.8,80.2]	20.2	[18.6,21.9]	1.3	[0.9,1.8]	100.0
Pearson: Uncorrected chi2(2) =	62.5434						
Design-based F(1.65, 6710.83) =	21.7405	Pr =	0.000				
High ER utilizers							
Yes (n=156)	68.7	[59.4,76.7]	30.2	[22.4,39.4]	1.1	[0.3,4.4]	100.0
No (n=3,923)	81.2	[79.6,82.7]	17.7	[16.2,19.2]	1.1	[0.8,1.6]	100.0
Pearson: Uncorrected chi2(2) =	18.2420						
Design-based F(1.91, 7751.51) =	6.7282	Pr =	0.001				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,158)	69.3	[65.9,72.4]	28.6	[25.5,31.9]	2.1	[1.2,3.6]	100.0
No chronic disease (n=2,921)	84.5	[82.7,86.1]	14.7	[13.2,16.5]	0.8	[0.5,1.2]	100.0
Pearson: Uncorrected chi2(2) =	115.1281						
Design-based F(2.00, 8119.34) =	40.0548	Pr =	0.000				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,025)	71.2	[68.7,73.6]	27.4	[25.0,29.9]	1.4	[0.9,2.1]	100.0
No MH/SA (n=2,054)	89.4	[87.6,91.0]	9.7	[8.2,11.5]	0.9	[0.5,1.5]	100.0
Pearson: Uncorrected chi2(2) =	218.7048						
Design-based F(1.99, 8085.24) =	70.5642	Pr =	0.000				
Total (n=4,079)	80.6	[79.1,82.1]	18.2	[16.8,19.8]	1.1	[0.8,1.6]	100.0

4.37 Q: Since July 1, 2015, have you had a flu vaccine?

Universe: All respondents

	Last season flu shot						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,600)	36.9	[34.0,40.0]	62.0	[58.9,64.9]	1.1	[0.6,2.1]	100.0
36-99% (n=1,450)	36.5	[33.6,39.6]	62.9	[59.8,65.8]	0.6	[0.3,1.2]	100.0
≥ 100% (n = 1,040)	36.3	[33.0,39.8]	62.8	[59.3,66.1]	0.9	[0.5,1.8]	100.0
Pearson: Uncorrected chi2(4) =	2.2691						
Design-based F(3.80, 15482.64) =	0.4389	Pr =	0.771				
Region							
UP/NW/NE (n=746)	39.3	[35.4,43.3]	60.2	[56.2,64.1]	0.5	[0.2,1.3]	100.0
W/E Central/E (n=1,265)	36.3	[33.3,39.4]	62.7	[59.6,65.7]	1.0	[0.6,1.7]	100.0
S Central/SW/SE (n=837)	35.9	[32.1,39.9]	62.7	[58.7,66.5]	1.4	[0.6,3.1]	100.0
Detroit Metro (n=1,242)	36.8	[33.5,40.2]	62.4	[59.0,65.8]	0.8	[0.3,2.0]	100.0
Pearson: Uncorrected chi2(6) =	3.6901						
Design-based F(4.79, 19548.10) =	0.4561	Pr =	0.801				
Low healthcare utilizers							
Yes (n=491)	21.2	[16.5,26.9]	78.1	[72.4,82.9]	0.7	[0.2,3.2]	100.0
No (n=3,599)	39.5	[37.5,41.5]	59.5	[57.5,61.6]	1.0	[0.6,1.5]	100.0
Pearson: Uncorrected chi2(2) =	77.5695						
Design-based F(2.00, 8152.90) =	15.2810	Pr =	0.000				
High ER utilizers							
Yes (n=156)	38.5	[29.6,48.2]	61.5	[51.8,70.4]	0.0		100.0
No (n=3,934)	36.6	[34.7,38.6]	62.4	[60.4,64.3]	1.0	[0.6,1.5]	100.0
Pearson: Uncorrected chi2(2) =	1.9457						
Design-based F(1.98, 8074.64) =	0.5287	Pr =	0.588				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,161)	48.7	[45.2,52.3]	50.4	[46.9,54.0]	0.8	[0.4,1.6]	100.0
No chronic disease (n=2,929)	32.7	[30.5,34.9]	66.4	[64.1,68.6]	1.0	[0.6,1.7]	100.0
Pearson: Uncorrected chi2(2) =	85.6419						
Design-based F(1.99, 8128.71) =	30.5053	Pr =	0.000				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,034)	41.4	[38.7,44.1]	57.8	[55.0,60.5]	0.8	[0.5,1.5]	100.0
No MH/SA (n=2,056)	32.3	[29.8,35.0]	66.7	[64.0,69.2]	1.0	[0.5,1.9]	100.0
Pearson: Uncorrected chi2(2) =	36.1634						
Design-based F(1.99, 8122.06) =	10.3377	Pr =	0.000				
Total (n=4,090)	36.7	[34.8,38.6]	62.4	[60.4,64.3]	0.9	[0.6,1.5]	100.0

4.38 Q: In the last 7 days, how many days did you exercise for at least 20 minutes?

Universe: All respondents

	Every day		3-6 days		Exercise in past 7 days 1-2 days		0 days		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category											
0-35% (n=1,599)	31.5	[28.7,34.3]	31.7	[28.8,34.8]	16.0	[13.7,18.6]	20.4	[18.1,23.0]	0.3	[0.2,0.8]	100.0
36-99% (n=1,450)	32.2	[29.3,35.1]	35.8	[32.8,38.9]	15.8	[13.6,18.2]	15.8	[13.8,18.1]	0.4	[0.1,1.8]	100.0
≥ 100% (n = 1,040)	32.7	[29.5,36.1]	34.7	[31.4,38.2]	15.6	[13.1,18.5]	16.9	[14.4,19.8]	0.0		100.0
Pearson: Uncorrected chi2(8) =	17.8906										
Design-based F(7.26, 29607.83) =	1.5040	Pr =	0.158								
Region											
UP/NW/NE (n=746)	36.6	[32.8,40.6]	36.2	[32.2,40.3]	11.4	[9.1,14.1]	15.2	[12.6,18.1]	0.7	[0.2,2.1]	100.0
W/E Central/E (n=1,264)	34.8	[31.8,37.9]	31.0	[28.1,34.0]	14.1	[12.0,16.5]	19.8	[17.4,22.4]	0.3	[0.1,0.8]	100.0
S Central/SW/SE (n=837)	34.9	[31.1,38.8]	33.5	[29.5,37.7]	13.8	[11.4,16.7]	17.4	[14.7,20.5]	0.4	[0.1,1.7]	100.0
Detroit Metro (n=1,242)	27.8	[24.9,31.0]	34.5	[31.3,37.9]	18.8	[16.1,21.8]	18.7	[16.1,21.5]	0.2	[0.0,1.3]	100.0
Pearson: Uncorrected chi2(12) =	45.9641										
Design-based F(10.05, 40985.28) =	2.8370	Pr =	0.002								
Low healthcare utilizers											
Yes (n=491)	31.4	[26.5,36.8]	35.4	[29.9,41.2]	17.5	[13.2,22.8]	15.7	[12.0,20.3]	0.0		100.0
No (n=3,598)	32.0	[30.1,33.9]	33.1	[31.2,35.1]	15.6	[14.1,17.2]	18.9	[17.4,20.6]	0.4	[0.2,0.7]	100.0
Pearson: Uncorrected chi2(4) =	7.2466										
Design-based F(3.94, 16070.29) =	0.8854	Pr =	0.470								
High ER utilizers											
Yes (n=156)	25.8	[18.2,35.3]	28.0	[20.7,36.6]	21.7	[13.1,33.7]	24.6	[17.3,33.6]	0.0		100.0
No (n=3,933)	32.2	[30.4,34.1]	33.7	[31.8,35.7]	15.6	[14.2,17.2]	18.1	[16.7,19.7]	0.3	[0.2,0.7]	100.0
Pearson: Uncorrected chi2(4) =	12.3491										
Design-based F(3.66, 14902.46) =	1.5952	Pr =	0.178								
Chronic disease (HEDIS)											
Chronic disease (HEDIS) (n=1,161)	35.2	[31.9,38.8]	26.5	[23.5,29.7]	15.3	[12.8,18.2]	22.7	[19.9,25.9]	0.3	[0.1,0.9]	100.0
No chronic disease (n=2,928)	30.8	[28.7,32.9]	35.8	[33.6,38.1]	16.1	[14.3,18.0]	17.0	[15.3,18.8]	0.3	[0.1,0.8]	100.0
Pearson: Uncorrected chi2(4) =	39.1939										
Design-based F(3.96, 16159.68) =	6.9235	Pr =	0.000								
Mental health/substance use disorder (HEDIS)											
MH/SA (HEDIS) (n=2,033)	32.0	[29.5,34.6]	29.8	[27.3,32.4]	15.9	[13.9,18.2]	22.1	[19.9,24.4]	0.2	[0.1,0.4]	100.0
No MH/SA (n=2,056)	31.8	[29.4,34.4]	36.9	[34.2,39.7]	15.8	[13.8,18.0]	15.0	[13.2,17.1]	0.4	[0.2,1.1]	100.0
Pearson: Uncorrected chi2(4) =	45.2687										
Design-based F(3.87, 15782.50) =	7.4296	Pr =	0.000								
Total (n=4,089)	31.9	[30.1,33.7]	33.5	[31.6,35.4]	15.9	[14.4,17.4]	18.4	[17.0,20.0]	0.3	[0.1,0.6]	100.0

4.39 Q: In the last 7 days, how many days did you drink sugary drinks like soda or pop, sweetened fruit drinks, sports drinks, or energy drinks? (Do not include diet soda)

Universe: All respondents

	Every day		3-6 days		Sweetened drinks past 7 days				Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	1-2 days		0 days		Row%	95%CI	
FPL category											
0-35% (n=1,600)	34.4	[31.5,37.4]	19.0	[16.5,21.6]	19.6	[17.2,22.2]	26.9	[24.3,29.7]	0.1	[0.0,0.6]	100.0
36-99% (n=1,449)	30.9	[28.0,34.0]	19.2	[16.9,21.8]	22.2	[19.8,24.8]	27.7	[25.0,30.5]	0.0		100.0
≥ 100% (n = 1,039)	29.3	[26.1,32.6]	17.4	[14.7,20.5]	24.9	[22.0,28.0]	28.5	[25.4,31.7]	0.0		100.0
Pearson: Uncorrected chi2(8) =	17.9802										
Design-based F(7.10, 28954.35) =	1.7577		Pr =	0.090							
Region											
UP/NW/NE (n=746)	31.3	[27.5,35.4]	17.9	[14.8,21.4]	20.1	[17.0,23.6]	30.8	[27.3,34.5]	0.0		100.0
W/E Central/E (n=1,265)	35.2	[32.2,38.3]	18.5	[16.1,21.2]	19.1	[16.8,21.6]	27.0	[24.2,29.9]	0.2	[0.1,1.1]	100.0
S Central/SW/SE (n=837)	34.2	[30.5,38.0]	17.9	[14.6,21.8]	21.9	[18.7,25.6]	26.0	[22.7,29.6]	0.0		100.0
Detroit Metro (n=1,240)	30.0	[26.8,33.4]	19.4	[16.8,22.3]	22.9	[20.1,25.9]	27.7	[24.8,30.8]	0.0		100.0
Pearson: Uncorrected chi2(12) =	21.9683										
Design-based F(9.70, 39528.64) =	1.5685		Pr =	0.112							
Low healthcare utilizers											
Yes (n=490)	36.6	[31.2,42.3]	23.2	[18.5,28.7]	23.3	[18.7,28.8]	16.9	[13.2,21.3]	0.0		100.0
No (n=3,598)	31.6	[29.7,33.6]	17.9	[16.3,19.6]	21.0	[19.4,22.7]	29.4	[27.5,31.3]	0.1	[0.0,0.4]	100.0
Pearson: Uncorrected chi2(4) =	43.7655										
Design-based F(3.94, 16076.53) =	5.5141		Pr =	0.000							
High ER utilizers											
Yes (n=156)	42.4	[32.7,52.8]	15.3	[9.7,23.2]	17.4	[10.9,26.7]	24.9	[17.5,34.0]	0.0		100.0
No (n=3,932)	31.9	[30.1,33.8]	18.9	[17.3,20.6]	21.6	[20.0,23.2]	27.6	[25.8,29.4]	0.1	[0.0,0.3]	100.0
Pearson: Uncorrected chi2(4) =	9.0819										
Design-based F(3.96, 16130.05) =	1.2758		Pr =	0.277							
Chronic disease (HEDIS)											
Chronic disease (HEDIS) (n=1,161)	28.8	[25.7,32.0]	15.1	[12.7,17.9]	20.5	[17.7,23.6]	35.5	[32.1,39.1]	0.2	[0.0,1.4]	100.0
No chronic disease (n=2,927)	33.6	[31.4,35.9]	19.9	[18.1,22.0]	21.7	[19.8,23.6]	24.7	[22.9,26.7]	0.0	[0.0,0.2]	100.0
Pearson: Uncorrected chi2(4) =	51.3642										
Design-based F(3.96, 16128.70) =	9.2621		Pr =	0.000							
Mental health/substance use disorder (HEDIS)											
MH/SA (HEDIS) (n=2,033)	34.8	[32.2,37.5]	18.6	[16.4,20.9]	17.9	[15.9,20.0]	28.7	[26.3,31.3]	0.0	[0.0,0.3]	100.0
No MH/SA (n=2,055)	30.1	[27.5,32.8]	18.9	[16.7,21.3]	24.7	[22.3,27.2]	26.3	[24.0,28.7]	0.1	[0.0,0.7]	100.0
Pearson: Uncorrected chi2(4) =	32.0747										
Design-based F(3.91, 15925.73) =	5.2624		Pr =	0.000							
Total (n=4,088)	32.4	[30.6,34.3]	18.7	[17.2,20.4]	21.4	[19.8,23.0]	27.4	[25.8,29.2]	0.1	[0.0,0.3]	100.0

4.40 Q: In the last 7 days, how many days did you eat 3 or more servings of fruits or vegetables in a day?

Universe: All respondents

	Fruits and vegetables past 7 days										Total Row%
	Every day		3-6 days		1-2 days		0 days		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category											
0-35% (n=1,598)	35.0	[32.1,38.0]	33.0	[30.1,36.0]	18.3	[16.0,20.9]	12.7	[10.7,14.9]	1.0	[0.6,1.8]	100.0
36-99% (n=1,449)	40.5	[37.5,43.5]	33.6	[30.7,36.6]	14.4	[12.2,16.9]	11.1	[9.3,13.3]	0.5	[0.2,1.1]	100.0
≥ 100% (n = 1,040)	39.5	[36.1,43.0]	35.4	[32.0,38.9]	14.5	[12.2,17.2]	10.4	[8.4,12.9]	0.2	[0.0,0.7]	100.0
Pearson: Uncorrected chi2(8) =	27.7194										
Design-based F(7.58, 30882.49) =	2.7021		Pr =	0.007							
Region											
UP/NW/NE (n=746)	40.3	[36.3,44.4]	33.5	[29.8,37.5]	12.1	[9.5,15.3]	13.3	[10.8,16.3]	0.7	[0.3,1.8]	100.0
W/E Central/E (n=1,264)	34.7	[31.8,37.7]	35.2	[32.2,38.3]	16.4	[14.2,19.0]	12.5	[10.5,14.9]	1.1	[0.6,2.2]	100.0
S Central/SW/SE (n=837)	37.2	[33.3,41.2]	31.1	[27.4,35.0]	19.4	[16.2,23.1]	11.6	[9.3,14.4]	0.7	[0.3,2.0]	100.0
Detroit Metro (n=1,240)	38.8	[35.5,42.2]	33.7	[30.4,37.1]	16.0	[13.6,18.9]	11.1	[9.0,13.5]	0.4	[0.1,1.1]	100.0
Pearson: Uncorrected chi2(12) =	22.5959										
Design-based F(10.63, 43331.01) =	1.4335		Pr =	0.153							
Low healthcare utilizers											
Yes (n=491)	32.5	[27.3,38.2]	33.5	[28.3,39.3]	19.3	[15.2,24.2]	13.7	[10.1,18.3]	0.9	[0.3,2.8]	100.0
No (n=3,596)	38.4	[36.4,40.4]	33.6	[31.7,35.6]	15.9	[14.4,17.6]	11.4	[10.2,12.8]	0.6	[0.4,1.1]	100.0
Pearson: Uncorrected chi2(4) =	11.5291										
Design-based F(3.98, 16219.98) =	1.4149		Pr =	0.226							
High ER utilizers											
Yes (n=156)	42.6	[33.2,52.5]	32.6	[23.3,43.6]	11.7	[6.6,19.8]	12.6	[7.8,19.8]	0.5	[0.1,3.2]	100.0
No (n=3,931)	37.2	[35.3,39.2]	33.7	[31.8,35.6]	16.7	[15.2,18.3]	11.7	[10.5,13.1]	0.7	[0.4,1.1]	100.0
Pearson: Uncorrected chi2(4) =	4.2184										
Design-based F(3.63, 14811.65) =	0.6610		Pr =	0.605							
Chronic disease (HEDIS)											
Chronic disease (HEDIS) (n=1,161)	39.5	[36.0,43.0]	31.7	[28.4,35.1]	15.5	[13.0,18.3]	13.1	[11.0,15.5]	0.3	[0.1,1.2]	100.0
No chronic disease (n=2,926)	36.8	[34.6,39.0]	34.3	[32.1,36.6]	16.8	[15.0,18.6]	11.3	[9.9,13.0]	0.8	[0.5,1.3]	100.0
Pearson: Uncorrected chi2(4) =	8.9631										
Design-based F(3.99, 16264.32) =	1.5090		Pr =	0.197							
Mental health/substance use disorder (HEDIS)											
MH/SA (HEDIS) (n=2,031)	36.8	[34.2,39.5]	33.6	[31.0,36.3]	16.0	[14.0,18.2]	12.8	[11.1,14.8]	0.8	[0.4,1.4]	100.0
No MH/SA (n=2,056)	38.1	[35.5,40.8]	33.6	[31.0,36.4]	16.8	[14.8,19.1]	10.8	[9.2,12.8]	0.6	[0.3,1.2]	100.0
Pearson: Uncorrected chi2(4) =	4.6217										
Design-based F(3.99, 16242.87) =	0.7010		Pr =	0.591							
Total (n=4,087)	37.5	[35.6,39.4]	33.6	[31.8,35.5]	16.4	[15.0,18.0]	11.8	[10.5,13.1]	0.7	[0.4,1.1]	100.0

4.41 Q: In the last 12 months, has a doctor, nurse, or other health professional talked with you about exercise?

Universe: All respondents

	Health care talk exercise						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,600)	48.7	[45.6,51.9]	50.7	[47.6,53.9]	0.5	[0.1,1.9]	100.0
36-99% (n=1,450)	49.4	[46.3,52.5]	50.4	[47.2,53.5]	0.2	[0.1,0.7]	100.0
≥ 100%(n = 1,040)	47.3	[43.8,50.8]	52.2	[48.6,55.7]	0.5	[0.2,1.2]	100.0
Pearson: Uncorrected chi2(4) =	2.1510						
Design-based F(3.40, 13885.35) =	0.3647	Pr =	0.804				
Region							
UP/NW/NE (n=746)	47.3	[43.2,51.4]	52.5	[48.4,56.5]	0.3	[0.1,1.1]	100.0
W/E Central/E (n=1,265)	48.5	[45.3,51.6]	51.0	[47.8,54.2]	0.5	[0.2,1.0]	100.0
S Central/SW/SE (n=837)	48.3	[44.2,52.4]	50.5	[46.3,54.6]	1.2	[0.3,5.3]	100.0
Detroit Metro (n=1,242)	49.2	[45.7,52.7]	50.7	[47.2,54.2]	0.1	[0.0,0.4]	100.0
Pearson: Uncorrected chi2(6) =	17.0185						
Design-based F(4.36, 17764.79) =	2.0888	Pr =	0.073				
Low healthcare utilizers							
Yes (n=491)	20.7	[16.4,25.7]	78.2	[72.9,82.7]	1.1	[0.2,7.5]	100.0
No (n=3,599)	53.7	[51.6,55.7]	46.0	[43.9,48.1]	0.3	[0.2,0.5]	100.0
Pearson: Uncorrected chi2(2) =	233.6252						
Design-based F(1.75, 7139.74) =	35.4432	Pr =	0.000				
High ER utilizers							
Yes (n=156)	56.2	[46.3,65.7]	43.8	[34.3,53.7]	0.0		100.0
No (n=3,934)	48.3	[46.3,50.3]	51.2	[49.2,53.3]	0.5	[0.2,1.0]	100.0
Pearson: Uncorrected chi2(2) =	4.9711						
Design-based F(1.88, 7669.76) =	1.0073	Pr =	0.361				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,161)	65.2	[61.7,68.5]	34.6	[31.3,38.0]	0.2	[0.1,0.6]	100.0
No chronic disease (n=2,929)	43.1	[40.8,45.4]	56.4	[54.1,58.7]	0.5	[0.2,1.3]	100.0
Pearson: Uncorrected chi2(2) =	151.2359						
Design-based F(1.90, 7734.46) =	64.2937	Pr =	0.000				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,034)	55.5	[52.7,58.3]	44.2	[41.5,47.0]	0.3	[0.1,0.6]	100.0
No MH/SA (n=2,056)	42.2	[39.5,45.0]	57.2	[54.4,59.9]	0.6	[0.2,1.8]	100.0
Pearson: Uncorrected chi2(2) =	73.4951						
Design-based F(1.99, 8126.41) =	21.1099	Pr =	0.000				
Total (n=4,090)	48.6	[46.7,50.6]	50.9	[48.9,52.9]	0.4	[0.2,1.0]	100.0

4.42 Q: In the last 12 months, has a doctor, nurse, or other health professional talked with you about diet and nutrition?

Universe: All respondents

	Health care talk nutrition						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,600)	50.1	[47.0,53.2]	49.3	[46.2,52.4]	0.6	[0.2,1.9]	100.0
36-99% (n=1,449)	49.7	[46.6,52.9]	50.0	[46.9,53.1]	0.2	[0.1,0.8]	100.0
≥ 100%(n = 1,040)	49.1	[45.6,52.7]	50.3	[46.7,53.8]	0.6	[0.3,1.3]	100.0
Pearson: Uncorrected chi2(4) =	2.3440						
Design-based F(3.58, 14581.43) =	0.3957	Pr =	0.791				
Region							
UP/NW/NE (n=746)	45.6	[41.6,49.7]	54.1	[50.0,58.1]	0.3	[0.1,1.2]	100.0
W/E Central/E (n=1,265)	50.2	[47.0,53.4]	49.2	[46.0,52.4]	0.6	[0.3,1.3]	100.0
S Central/SW/SE (n=837)	49.1	[45.0,53.2]	49.9	[45.8,54.0]	1.0	[0.2,5.9]	100.0
Detroit Metro (n=1,241)	50.8	[47.3,54.2]	49.0	[45.5,52.5]	0.3	[0.1,0.7]	100.0
Pearson: Uncorrected chi2(6) =	9.8848						
Design-based F(3.71, 15121.57) =	0.9693	Pr =	0.419				
Low healthcare utilizers							
Yes (n=491)	26.2	[21.4,31.7]	72.4	[66.7,77.4]	1.4	[0.3,6.7]	100.0
No (n=3,598)	54.1	[52.0,56.1]	45.6	[43.5,47.7]	0.3	[0.2,0.6]	100.0
Pearson: Uncorrected chi2(2) =	169.7173						
Design-based F(1.84, 7500.65) =	28.0713	Pr =	0.000				
High ER utilizers							
Yes (n=155)	51.1	[41.0,61.1]	48.9	[38.9,59.0]	0.0		100.0
No (n=3,934)	49.8	[47.8,51.8]	49.7	[47.7,51.7]	0.5	[0.2,1.1]	100.0
Pearson: Uncorrected chi2(2) =	1.0086						
Design-based F(1.90, 7760.95) =	0.2049	Pr =	0.804				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,160)	65.6	[62.2,68.9]	34.1	[30.8,37.6]	0.3	[0.1,0.9]	100.0
No chronic disease (n=2,929)	44.5	[42.2,46.8]	54.9	[52.6,57.2]	0.6	[0.2,1.4]	100.0
Pearson: Uncorrected chi2(2) =	137.1835						
Design-based F(2.00, 8140.89) =	49.1561	Pr =	0.000				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,033)	54.9	[52.1,57.7]	44.8	[42.0,47.6]	0.3	[0.2,0.7]	100.0
No MH/SA (n=2,056)	45.1	[42.3,47.8]	54.3	[51.5,57.1]	0.7	[0.2,1.9]	100.0
Pearson: Uncorrected chi2(2) =	40.8083						
Design-based F(1.99, 8102.57) =	11.3991	Pr =	0.000				
Total (n=4,089)	49.8	[47.8,51.8]	49.7	[47.7,51.7]	0.5	[0.2,1.1]	100.0

4.43 Q: In the last 7 days, how many days did you have (5 or more for men, 4 or more for women) alcoholic drinks?

Universe: All respondents

	Every day		3-6 days		Binge drinking past 7 days				Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	1-2 days		0 days		Row%	95%CI	
FPL category											
0-35% (n=1,600)	1.0	[0.6,1.8]	5.3	[4.1,6.9]	15.1	[13.0,17.5]	78.4	[75.7,80.9]	0.2	[0.0,0.8]	100.0
36-99% (n=1,448)	0.8	[0.4,1.5]	2.6	[1.8,3.6]	14.3	[12.2,16.7]	82.3	[79.8,84.6]	0.0		100.0
≥ 100% (n = 1,039)	1.7	[0.9,3.3]	2.7	[1.8,4.1]	13.0	[10.7,15.6]	82.6	[79.6,85.2]	0.0		100.0
Pearson: Uncorrected chi2(8) =	30.2599										
Design-based F(6.88, 28043.55) =	2.9073		Pr =	0.005							
Region											
UP/NW/NE (n=745)	1.2	[0.6,2.6]	2.8	[1.8,4.3]	15.0	[12.2,18.3]	81.0	[77.5,84.0]	0.0		100.0
W/E Central/E (n=1,264)	1.3	[0.7,2.4]	3.8	[2.8,5.1]	15.4	[13.2,17.9]	79.3	[76.6,81.8]	0.2	[0.0,1.2]	100.0
S Central/SW/SE (n=837)	1.2	[0.6,2.4]	5.0	[3.4,7.2]	12.9	[10.2,16.1]	80.9	[77.3,84.1]	0.0		100.0
Detroit Metro (n=1,241)	0.9	[0.4,1.8]	4.0	[2.8,5.8]	14.4	[12.1,17.1]	80.6	[77.6,83.2]	0.1	[0.0,0.9]	100.0
Pearson: Uncorrected chi2(12) =	9.0108										
Design-based F(9.86, 40193.10) =	0.5480		Pr =	0.855							
Low healthcare utilizers											
Yes (n=491)	1.0	[0.4,2.1]	7.9	[5.4,11.5]	16.1	[12.0,21.2]	75.0	[69.5,79.8]	0.0		100.0
No (n=3,596)	1.1	[0.7,1.7]	3.3	[2.6,4.2]	14.2	[12.8,15.7]	81.3	[79.6,82.9]	0.1	[0.0,0.5]	100.0
Pearson: Uncorrected chi2(4) =	32.8380										
Design-based F(3.75, 15265.58) =	4.3670		Pr =	0.002							
High ER utilizers											
Yes (n=156)	0.0		4.3	[1.1,15.0]	9.2	[5.2,15.7]	86.5	[77.6,92.3]	0.0		100.0
No (n=3,931)	1.1	[0.8,1.6]	4.0	[3.3,4.9]	14.7	[13.3,16.2]	80.0	[78.3,81.6]	0.1	[0.0,0.4]	100.0
Pearson: Uncorrected chi2(4) =	6.8388										
Design-based F(3.50, 14256.66) =	0.7797		Pr =	0.523							
Chronic disease (HEDIS)											
Chronic disease (HEDIS) (n=1,161)	0.9	[0.4,1.9]	3.0	[2.0,4.3]	11.4	[9.3,13.7]	84.6	[82.0,87.0]	0.2	[0.0,1.4]	100.0
No chronic disease (n=2,926)	1.2	[0.8,1.8]	4.4	[3.5,5.5]	15.5	[13.8,17.4]	78.9	[76.8,80.8]	0.1	[0.0,0.5]	100.0
Pearson: Uncorrected chi2(4) =	17.8751										
Design-based F(3.83, 15626.12) =	2.8638		Pr =	0.024							
Mental health/substance use disorder (HEDIS)											
MH/SA (HEDIS) (n=2,032)	1.2	[0.7,2.0]	4.3	[3.3,5.7]	14.5	[12.6,16.6]	79.9	[77.6,82.1]	0.0		100.0
No MH/SA (n=2,055)	1.0	[0.6,1.6]	3.7	[2.7,5.0]	14.4	[12.5,16.6]	80.7	[78.3,82.9]	0.2	[0.1,0.8]	100.0
Pearson: Uncorrected chi2(4) =	5.8161										
Design-based F(3.95, 16095.80) =	0.7999		Pr =	0.524							
Total (n=4,087)	1.1	[0.8,1.6]	4.0	[3.3,4.9]	14.5	[13.1,16.0]	80.3	[78.7,81.9]	0.1	[0.0,0.4]	100.0

4.44 Q: In the last 12 months, has a doctor, nurse, or other health professional talked with you about safe alcohol use?

Universe: Respondents who consume alcoholic drinks (5+ men, 4+ for women in past week)

	Health care talk alcohol						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=326)	32.2	[26.3,38.8]	67.8	[61.2,73.7]	0.0		100.0
36-99% (n=248)	26.5	[20.2,33.9]	73.5	[66.1,79.8]	0.0		100.0
≥ 100%(n = 173)	29.6	[22.3,38.2]	69.6	[61.0,77.0]	0.8	[0.2,3.6]	100.0
Pearson: Uncorrected chi2(4) =	7.1903						
Design-based F(3.28, 2410.07) =	1.9888	Pr =	0.108				
Region							
UP/NW/NE (n=135)	31.7	[23.5,41.2]	67.8	[58.3,76.0]	0.5	[0.1,3.6]	100.0
W/E Central/E (n=245)	29.2	[23.2,36.0]	70.8	[64.0,76.8]	0.0		100.0
S Central/SW/SE (n=144)	32.9	[23.7,43.6]	67.1	[56.4,76.3]	0.0		100.0
Detroit Metro (n=223)	29.7	[23.0,37.4]	70.0	[62.3,76.8]	0.2	[0.0,1.7]	100.0
Pearson: Uncorrected chi2(6) =	1.9713						
Design-based F(4.39, 3225.55) =	0.3670	Pr =	0.849				
Low healthcare utilizers							
Yes (n=122)	19.0	[10.5,31.9]	81.0	[68.1,89.5]	0.0		100.0
No (n=625)	33.0	[28.7,37.7]	66.8	[62.1,71.1]	0.2	[0.0,0.8]	100.0
Pearson: Uncorrected chi2(2) =	11.2950						
Design-based F(1.47, 1077.28) =	3.5076	Pr =	0.044				
High ER utilizers							
Yes (n=18)	23.2	[8.6,49.3]	76.8	[50.7,91.4]	0.0		100.0
No (n=729)	30.5	[26.4,34.9]	69.3	[64.9,73.4]	0.1	[0.0,0.7]	100.0
Pearson: Uncorrected chi2(2) =	0.6014						
Design-based F(1.77, 1300.42) =	0.2826	Pr =	0.727				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=181)	40.5	[32.4,49.1]	59.3	[50.6,67.3]	0.2	[0.0,1.6]	100.0
No chronic disease (n=566)	27.8	[23.3,32.8]	72.1	[67.0,76.6]	0.1	[0.0,0.9]	100.0
Pearson: Uncorrected chi2(2) =	9.1785						
Design-based F(1.64, 1204.24) =	5.2772	Pr =	0.009				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=380)	38.5	[32.7,44.7]	61.5	[55.3,67.3]	0.0		100.0
No MH/SA (n=367)	22.4	[17.2,28.6]	77.3	[71.1,82.6]	0.3	[0.1,1.3]	100.0
Pearson: Uncorrected chi2(2) =	23.8105						
Design-based F(1.65, 1216.00) =	10.2001	Pr =	0.000				
Total (n=747)	30.3	[26.3,34.6]	69.6	[65.2,73.6]	0.1	[0.0,0.6]	100.0

4.45 Q: In the last 30 days have you smoked or used tobacco?

Universe: All respondents

	Smoked/used tobacco past 30 days				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=1,599)	43.7	[40.6,46.8]	56.3	[53.2,59.4]	100.0
36-99% (n=1,450)	32.7	[29.9,35.7]	67.3	[64.3,70.1]	100.0
≥ 100%(n = 1,040)	29.4	[26.3,32.6]	70.6	[67.4,73.7]	100.0
Pearson: Uncorrected chi2(2) =	68.2814				
Design-based F(1.93, 7864.51) =	25.8276	Pr =	0.000		
Region					
UP/NW/NE (n=746)	40.8	[36.9,44.9]	59.2	[55.1,63.1]	100.0
W/E Central/E (n=1,265)	41.2	[38.1,44.4]	58.8	[55.6,61.9]	100.0
S Central/SW/SE (n=837)	37.8	[33.9,41.8]	62.2	[58.2,66.1]	100.0
Detroit Metro (n=1,241)	34.8	[31.6,38.3]	65.2	[61.7,68.4]	100.0
Pearson: Uncorrected chi2(3) =	13.8100				
Design-based F(2.65, 10815.32) =	3.5760	Pr =	0.017		
Low healthcare utilizers					
Yes (n=491)	41.2	[35.6,47.0]	58.8	[53.0,64.4]	100.0
No (n=3,598)	37.1	[35.1,39.2]	62.9	[60.8,64.9]	100.0
Pearson: Uncorrected chi2(1) =	3.7241				
Design-based F(1.00, 4077.00) =	1.7586	Pr =	0.185		
High ER utilizers					
Yes (n=156)	51.8	[41.7,61.7]	48.2	[38.3,58.3]	100.0
No (n=3,933)	37.1	[35.2,39.1]	62.9	[60.9,64.8]	100.0
Pearson: Uncorrected chi2(1) =	15.8331				
Design-based F(1.00, 4077.00) =	8.2862	Pr =	0.004		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=1,160)	42.1	[38.6,45.6]	57.9	[54.4,61.4]	100.0
No chronic disease (n=2,929)	36.3	[34.1,38.6]	63.7	[61.4,65.9]	100.0
Pearson: Uncorrected chi2(1) =	10.8903				
Design-based F(1.00, 4077.00) =	7.4479	Pr =	0.006		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=2,033)	44.7	[41.9,47.5]	55.3	[52.5,58.1]	100.0
No MH/SA (n=2,056)	31.3	[28.7,33.9]	68.7	[66.1,71.3]	100.0
Pearson: Uncorrected chi2(1) =	78.2907				
Design-based F(1.00, 4077.00) =	46.6080	Pr =	0.000		
Total (n=4,089)	37.7	[35.9,39.7]	62.3	[60.3,64.1]	100.0

4.46 Q: Do you want to quit smoking or using tobacco?

Universe: Respondents who have smoked or used tobacco in the last 30 days

	Want to quit smoking						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=725)	73.5	[68.7,77.8]	25.1	[20.9,29.9]	1.4	[0.6,3.0]	100.0
36-99% (n=487)	78.2	[73.7,82.2]	19.7	[15.9,24.1]	2.1	[0.9,4.5]	100.0
≥ 100% (n = 318)	77.0	[71.3,81.9]	21.8	[17.0,27.5]	1.2	[0.5,3.0]	100.0
Pearson: Uncorrected chi2(4) =	5.5789						
Design-based F(3.68, 5588.01) =	1.1449	Pr =	0.333				
Region							
UP/NW/NE (n=310)	74.5	[68.4,79.8]	23.6	[18.4,29.6]	1.9	[0.7,4.9]	100.0
W/E Central/E (n=512)	74.7	[69.9,78.9]	23.5	[19.4,28.2]	1.8	[0.9,3.6]	100.0
S Central/SW/SE (n=314)	72.2	[65.0,78.5]	24.6	[18.7,31.7]	3.2	[1.2,8.1]	100.0
Detroit Metro (n=394)	77.2	[70.9,82.4]	22.4	[17.2,28.6]	0.5	[0.1,2.2]	100.0
Pearson: Uncorrected chi2(6) =	11.3687						
Design-based F(5.18, 7864.44) =	1.2666	Pr =	0.274				
Low healthcare utilizers							
Yes (n=205)	72.3	[63.3,79.8]	26.1	[18.7,35.1]	1.6	[0.6,4.3]	100.0
No (n=1,325)	75.8	[72.4,78.9]	22.7	[19.6,26.1]	1.5	[0.8,2.7]	100.0
Pearson: Uncorrected chi2(2) =	1.4232						
Design-based F(1.83, 2777.24) =	0.4101	Pr =	0.645				
High ER utilizers							
Yes (n=82)	68.5	[53.0,80.7]	31.5	[19.3,47.0]	0.0		100.0
No (n=1,448)	75.6	[72.4,78.6]	22.7	[19.8,25.9]	1.6	[1.0,2.7]	100.0
Pearson: Uncorrected chi2(2) =	4.9847						
Design-based F(1.93, 2930.86) =	1.2982	Pr =	0.273				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=500)	79.5	[74.4,83.9]	20.1	[15.8,25.2]	0.4	[0.1,1.2]	100.0
No chronic disease (n=1,030)	73.5	[69.6,77.2]	24.5	[21.0,28.4]	2.0	[1.1,3.3]	100.0
Pearson: Uncorrected chi2(2) =	9.0585						
Design-based F(1.67, 2527.73) =	3.8525	Pr =	0.028				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=886)	76.9	[72.9,80.5]	22.4	[18.8,26.4]	0.7	[0.3,1.6]	100.0
No MH/SA (n=644)	73.0	[67.7,77.7]	24.4	[19.9,29.7]	2.6	[1.4,4.8]	100.0
Pearson: Uncorrected chi2(2) =	9.6842						
Design-based F(1.90, 2883.64) =	2.9043	Pr =	0.058				
Total (n=1,530)	75.2	[72.0,78.1]	23.3	[20.4,26.4]	1.5	[0.9,2.5]	100.0

4.47 Q: Are you working on cutting back or quitting right now?

Universe: Respondents who want to quit smoking or using tobacco

	Yes		Trying to quit now No		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=565)	91.5	[88.5,93.7]	8.2	[6.0,11.1]	0.3	[0.1,1.3]	100.0
36-99% (n=376)	91.1	[87.6,93.6]	8.7	[6.2,12.1]	0.2	[0.0,1.6]	100.0
≥ 100% (n = 245)	87.2	[81.7,91.2]	12.8	[8.8,18.3]	0.0		100.0
Pearson: Uncorrected chi2(4) =	4.3687						
Design-based F(3.82, 4485.20) =	1.1073	Pr =	0.350				
Region							
UP/NW/NE (n=233)	85.3	[79.5,89.7]	14.7	[10.3,20.5]	0.0		100.0
W/E Central/E (n=390)	90.4	[86.5,93.2]	9.6	[6.8,13.5]	0.0		100.0
S Central/SW/SE (n=241)	89.1	[84.1,92.7]	9.9	[6.5,14.7]	1.0	[0.2,4.2]	100.0
Detroit Metro (n=322)	92.9	[89.3,95.3]	7.0	[4.6,10.6]	0.1	[0.0,1.0]	100.0
Pearson: Uncorrected chi2(6) =	13.9576						
Design-based F(4.87, 5718.58) =	2.6273	Pr =	0.023				
Low healthcare utilizers							
Yes (n=148)	84.8	[77.5,90.1]	14.1	[9.0,21.2]	1.1	[0.2,4.6]	100.0
No (n=1,038)	91.8	[89.8,93.5]	8.1	[6.4,10.2]	0.1	[0.0,0.5]	100.0
Pearson: Uncorrected chi2(2) =	14.0208						
Design-based F(1.89, 2213.08) =	6.1469	Pr =	0.003				
High ER utilizers							
Yes (n=61)	89.3	[79.3,94.8]	10.7	[5.2,20.7]	0.0		100.0
No (n=1,125)	90.8	[88.7,92.5]	9.0	[7.2,11.0]	0.2	[0.1,0.8]	100.0
Pearson: Uncorrected chi2(2) =	0.3912						
Design-based F(1.99, 2339.39) =	0.1888	Pr =	0.827				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=413)	92.2	[88.7,94.6]	7.8	[5.4,11.3]	0.0		100.0
No chronic disease (n=773)	90.1	[87.5,92.2]	9.6	[7.5,12.1]	0.3	[0.1,1.1]	100.0
Pearson: Uncorrected chi2(2) =	2.0999						
Design-based F(2.00, 2344.66) =	0.9644	Pr =	0.381				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=696)	89.2	[86.3,91.6]	10.5	[8.1,13.4]	0.3	[0.1,1.3]	100.0
No MH/SA (n=490)	92.8	[89.9,94.9]	7.1	[5.0,10.0]	0.1	[0.0,1.0]	100.0
Pearson: Uncorrected chi2(2) =	4.3396						
Design-based F(1.91, 2245.86) =	2.1737	Pr =	0.116				
Total (n=1,186)	90.7	[88.7,92.4]	9.1	[7.4,11.1]	0.2	[0.1,0.8]	100.0

4.48 Q: In the last 12 months, did you receive any advice or assistance from a health professional or your health plan on how to quit smoking?

Universe: Respondents who smoked or used tobacco in the last 30 days

	Received assistance with quitting						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=725)	55.3	[50.6,59.9]	44.1	[39.5,48.8]	0.6	[0.3,1.4]	100.0
36-99% (n=488)	52.5	[47.0,58.0]	46.9	[41.4,52.4]	0.6	[0.2,2.1]	100.0
≥ 100%(n = 318)	51.6	[45.3,57.8]	48.2	[42.0,54.4]	0.2	[0.0,1.7]	100.0
Pearson: Uncorrected chi2(4) =	2.0986						
Design-based F(3.62, 5504.10) =	0.5052	Pr =	0.714				
Region							
UP/NW/NE (n=310)	58.2	[51.8,64.4]	41.4	[35.3,47.9]	0.3	[0.0,2.2]	100.0
W/E Central/E (n=512)	53.6	[48.6,58.6]	45.5	[40.5,50.5]	0.9	[0.4,2.3]	100.0
S Central/SW/SE (n=315)	56.3	[49.5,62.8]	43.6	[37.1,50.3]	0.2	[0.0,1.1]	100.0
Detroit Metro (n=394)	52.3	[46.1,58.4]	47.2	[41.0,53.4]	0.5	[0.2,1.7]	100.0
Pearson: Uncorrected chi2(6) =	4.2706						
Design-based F(4.75, 7208.24) =	0.7021	Pr =	0.614				
Low healthcare utilizers							
Yes (n=205)	24.3	[17.3,32.9]	75.7	[67.1,82.7]	0.0		100.0
No (n=1,326)	60.0	[56.5,63.4]	39.3	[36.0,42.8]	0.7	[0.3,1.3]	100.0
Pearson: Uncorrected chi2(2) =	113.7792						
Design-based F(1.78, 2698.34) =	36.0361	Pr =	0.000				
High ER utilizers							
Yes (n=82)	58.7	[43.8,72.1]	41.3	[27.9,56.2]	0.0		100.0
No (n=1,449)	53.7	[50.4,57.1]	45.7	[42.3,49.0]	0.6	[0.3,1.1]	100.0
Pearson: Uncorrected chi2(2) =	1.2953						
Design-based F(1.79, 2722.15) =	0.4134	Pr =	0.639				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=500)	70.0	[64.8,74.8]	29.7	[24.9,35.0]	0.3	[0.0,2.0]	100.0
No chronic disease (n=1,031)	47.8	[43.8,51.9]	51.5	[47.5,55.5]	0.6	[0.3,1.3]	100.0
Pearson: Uncorrected chi2(2) =	61.1017						
Design-based F(1.97, 2995.76) =	23.1767	Pr =	0.000				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=887)	58.6	[54.3,62.8]	40.7	[36.6,45.0]	0.7	[0.3,1.5]	100.0
No MH/SA (n=644)	47.9	[42.9,53.1]	51.7	[46.6,56.8]	0.4	[0.1,1.2]	100.0
Pearson: Uncorrected chi2(2) =	18.5215						
Design-based F(1.84, 2796.84) =	6.8736	Pr =	0.001				
Total (n=1,531)	54.0	[50.8,57.3]	45.4	[42.2,48.7]	0.5	[0.3,1.1]	100.0

4.49 Q: In the last 30 days, have you used drugs or medications to affect your mood or help you relax? This includes prescription drugs taken differently than how you were told to take them, as well as street drugs.

Universe: All respondents

	Any drug use past 30 days						
	Yes		No		Don't know		Total
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%
FPL category							
0-35% (n=1,599)	7.5	[6.0,9.4]	92.3	[90.5,93.8]	0.2	[0.0,0.6]	100.0
36-99% (n=1,448)	4.8	[3.7,6.2]	95.2	[93.8,96.3]	0.0		100.0
≥ 100% (n = 1,039)	3.4	[2.4,4.9]	96.6	[95.1,97.6]	0.0		100.0
Pearson: Uncorrected chi2(4) =	24.4554						
Design-based F(3.27, 13301.74) =	5.6685	Pr =	0.000				
Region							
UP/NW/NE (n=745)	5.8	[4.2,8.1]	94.2	[91.9,95.8]	0.0		100.0
W/E Central/E (n=1,263)	5.8	[4.5,7.4]	94.1	[92.5,95.4]	0.1	[0.0,0.8]	100.0
S Central/SW/SE (n=837)	5.7	[4.2,7.6]	94.3	[92.4,95.8]	0.0		100.0
Detroit Metro (n=1,241)	6.2	[4.6,8.3]	93.7	[91.6,95.3]	0.1	[0.0,0.7]	100.0
Pearson: Uncorrected chi2(6) =	1.6324						
Design-based F(4.79, 19513.47) =	0.2286	Pr =	0.945				
Low healthcare utilizers							
Yes (n=490)	9.6	[6.6,13.9]	90.1	[85.9,93.2]	0.2	[0.0,1.5]	100.0
No (n=3,596)	5.3	[4.4,6.3]	94.7	[93.6,95.5]	0.1	[0.0,0.4]	100.0
Pearson: Uncorrected chi2(2) =	19.8630						
Design-based F(1.94, 7894.92) =	5.2401	Pr =	0.006				
High ER utilizers							
Yes (n=156)	15.1	[8.1,26.2]	84.9	[73.8,91.9]	0.0		100.0
No (n=3,930)	5.5	[4.7,6.5]	94.4	[93.4,95.2]	0.1	[0.0,0.3]	100.0
Pearson: Uncorrected chi2(2) =	28.1736						
Design-based F(1.87, 7619.69) =	6.3684	Pr =	0.002				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,161)	7.0	[5.4,9.0]	92.9	[90.8,94.5]	0.2	[0.0,1.3]	100.0
No chronic disease (n=2,925)	5.6	[4.6,6.9]	94.3	[93.1,95.4]	0.0	[0.0,0.3]	100.0
Pearson: Uncorrected chi2(2) =	4.3235						
Design-based F(2.00, 8145.77) =	1.4129	Pr =	0.244				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,033)	7.9	[6.4,9.6]	92.1	[90.4,93.6]	0.0		100.0
No MH/SA (n=2,053)	4.2	[3.2,5.5]	95.7	[94.4,96.7]	0.2	[0.0,0.6]	100.0
Pearson: Uncorrected chi2(2) =	27.8661						
Design-based F(1.99, 8127.39) =	8.1268	Pr =	0.000				
Total (n=4,086)	5.9	[5.1,7.0]	94.0	[92.9,94.9]	0.1	[0.0,0.3]	100.0

4.50 Q: How often?

Universe: Respondents who used drugs or medications to affect mood or help them relax

	Drug use frequency								Total Row%
	Almost every day		Sometimes		Rarely		Never		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category									
0-35% (n=114)	55.4	[43.7,66.5]	28.8	[19.5,40.2]	14.4	[7.8,25.1]	1.4	[0.3,5.8]	100.0
36-99% (n=73)	51.4	[38.3,64.2]	29.1	[18.7,42.2]	19.6	[10.6,33.4]	0.0		100.0
≥ 100% (n = 35)	41.3	[25.2,59.5]	27.0	[12.9,48.0]	31.7	[16.6,52.0]	0.0		100.0
Pearson: Uncorrected chi2(6) =	5.7528								
Design-based F(5.07, 1064.22) =	0.9506	Pr =	0.448						
Region									
UP/NW/NE (n=40)	55.6	[38.3,71.7]	25.1	[13.1,42.6]	19.3	[9.1,36.4]	0.0		100.0
W/E Central/E (n=74)	46.7	[34.5,59.3]	34.4	[23.2,47.7]	16.8	[9.2,28.5]	2.1	[0.3,13.6]	100.0
S Central/SW/SE (n=48)	39.3	[25.4,55.3]	33.6	[20.6,49.6]	25.0	[14.2,40.2]	2.0	[0.3,13.4]	100.0
Detroit Metro (n=60)	61.3	[45.2,75.3]	23.8	[13.0,39.7]	14.9	[6.5,30.6]	0.0		100.0
Pearson: Uncorrected chi2(9) =	9.3631								
Design-based F(6.98, 1465.54) =	0.9754	Pr =	0.447						
Low healthcare utilizers									
Yes (n=41)	44.1	[26.1,63.9]	40.0	[22.3,60.7]	15.9	[5.9,36.4]	0.0		100.0
No (n=181)	55.7	[46.8,64.3]	24.9	[18.3,32.9]	18.1	[12.1,26.4]	1.2	[0.3,5.1]	100.0
Pearson: Uncorrected chi2(3) =	5.1259								
Design-based F(2.82, 591.70) =	0.9758	Pr =	0.400						
High ER utilizers									
Yes (n=17)	54.6	[23.7,82.4]	38.0	[13.0,71.6]	4.2	[0.5,26.3]	3.2	[0.4,21.0]	100.0
No (n=205)	52.6	[44.2,61.0]	27.4	[20.7,35.4]	19.3	[13.1,27.4]	0.6	[0.1,4.5]	100.0
Pearson: Uncorrected chi2(3) =	5.2326								
Design-based F(2.40, 504.40) =	1.0420	Pr =	0.363						
Chronic disease (HEDIS)									
Chronic disease (HEDIS) (n=72)	60.2	[46.9,72.2]	26.0	[15.8,39.9]	11.8	[6.4,20.5]	2.0	[0.3,12.8]	100.0
No chronic disease (n=150)	49.8	[39.3,60.3]	29.7	[21.0,40.1]	20.0	[12.7,30.0]	0.5	[0.1,3.5]	100.0
Pearson: Uncorrected chi2(3) =	3.9993								
Design-based F(2.89, 607.09) =	1.1663	Pr =	0.321						
Mental health/substance use disorder (HEDIS)									
MH/SA (HEDIS) (n=147)	52.3	[41.8,62.5]	24.8	[16.9,34.8]	21.5	[14.0,31.4]	1.5	[0.3,5.9]	100.0
No MH/SA (n=75)	53.9	[39.6,67.6]	35.4	[23.0,50.0]	10.7	[4.4,23.9]	0.0		100.0
Pearson: Uncorrected chi2(3) =	6.5595								
Design-based F(2.89, 607.22) =	1.4402	Pr =	0.231						
Total (n=222)	52.9	[44.4,61.2]	28.6	[21.6,36.9]	17.6	[12.0,25.0]	0.9	[0.2,3.8]	100.0

4.51 Q: In the last 12 months, has a doctor, nurse, or other health professional talked with you about your use of these drugs or medications?

Universe: Respondents who use drugs or medications to affect mood or help them relax sometimes or almost every day

	Health professional talk about drugs past 12 months				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=96)	35.0	[25.2,46.3]	65.0	[53.7,74.8]	100.0
36-99% (n=58)	43.7	[29.9,58.6]	56.3	[41.4,70.1]	100.0
≥ 100%(n = 25)	35.9	[18.4,58.2]	64.1	[41.8,81.6]	100.0
Pearson: Uncorrected chi2(2) =	1.0006				
Design-based F(1.96, 327.70) =	0.5039	Pr =	0.601		
Region					
UP/NW/NE (n=32)	36.2	[20.2,55.9]	63.8	[44.1,79.8]	100.0
W/E Central/E (n=61)	47.0	[33.4,61.1]	53.0	[38.9,66.6]	100.0
S Central/SW/SE (n=34)	51.9	[33.7,69.6]	48.1	[30.4,66.3]	100.0
Detroit Metro (n=52)	26.6	[15.9,41.0]	73.4	[59.0,84.1]	100.0
Pearson: Uncorrected chi2(3) =	8.8183				
Design-based F(2.72, 454.96) =	2.7934	Pr =	0.045		
Low healthcare utilizers					
Yes (n=34)	21.5	[10.6,38.7]	78.5	[61.3,89.4]	100.0
No (n=145)	42.4	[33.2,52.2]	57.6	[47.8,66.8]	100.0
Pearson: Uncorrected chi2(1) =	6.4171				
Design-based F(1.00, 167.00) =	4.7172	Pr =	0.031		
High ER utilizers					
Yes (n=15)	31.2	[10.6,63.4]	68.8	[36.6,89.4]	100.0
No (n=164)	37.9	[29.8,46.8]	62.1	[53.2,70.2]	100.0
Pearson: Uncorrected chi2(1) =	0.3802				
Design-based F(1.00, 167.00) =	0.1775	Pr =	0.674		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=59)	55.7	[40.8,69.6]	44.3	[30.4,59.2]	100.0
No chronic disease (n=120)	28.6	[20.6,38.4]	71.4	[61.6,79.4]	100.0
Pearson: Uncorrected chi2(1) =	12.0382				
Design-based F(1.00, 167.00) =	9.6056	Pr =	0.002		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=114)	42.2	[31.6,53.7]	57.8	[46.3,68.4]	100.0
No MH/SA (n=65)	29.2	[18.4,43.0]	70.8	[57.0,81.6]	100.0
Pearson: Uncorrected chi2(1) =	3.1284				
Design-based F(1.00, 167.00) =	2.1933	Pr =	0.140		
Total (n=179)	37.1	[29.2,45.7]	62.9	[54.3,70.8]	100.0

4.52 Q: In the 12 months before enrolling in the Healthy Michigan Plan, was there a place that you usually would go for checkups, when you felt sick, or when you wanted advice about your health?

Universe: All respondents

	Regular place of care before HMP–YN								Total Row%	
	Yes		No		NA		Don't know			
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	
FPL category										
0-35% (n=1,597)	72.2	[69.4,74.9]	25.3	[22.7,28.1]	2.4	[1.6,3.7]	0.0	[0.0,0.3]	100.0	
36-99% (n=1,448)	74.1	[71.2,76.8]	24.4	[21.8,27.2]	1.3	[0.8,2.3]	0.1	[0.0,1.0]	100.0	
≥ 100% (n = 1,039)	77.3	[74.2,80.1]	20.1	[17.4,23.1]	2.2	[1.4,3.5]	0.4	[0.1,1.6]	100.0	
Pearson: Uncorrected chi2(6) =	18.7672									
Design-based F(5.79, 23591.22) =	2.2809	Pr =	0.035							
Region										
UP/NW/NE (n=746)	75.2	[71.5,78.6]	23.1	[19.9,26.7]	1.6	[0.8,2.9]	0.1	[0.0,0.7]	100.0	
W/E Central/E (n=1,262)	73.8	[70.8,76.5]	23.8	[21.2,26.6]	2.3	[1.4,3.8]	0.1	[0.0,0.6]	100.0	
S Central/SW/SE (n=835)	73.4	[69.8,76.7]	24.2	[21.0,27.7]	2.1	[1.2,3.6]	0.3	[0.0,2.0]	100.0	
Detroit Metro (n=1,241)	73.6	[70.4,76.6]	24.3	[21.3,27.4]	2.0	[1.2,3.3]	0.1	[0.0,0.6]	100.0	
Pearson: Uncorrected chi2(9) =	2.5035									
Design-based F(7.48, 30440.86) =	0.2214	Pr =	0.984							
Low healthcare utilizers										
Yes (n=490)	63.9	[58.2,69.2]	31.7	[26.7,37.3]	4.3	[2.5,7.4]	0.0		100.0	
No (n=3,594)	75.5	[73.7,77.3]	22.6	[20.9,24.4]	1.7	[1.2,2.3]	0.2	[0.1,0.5]	100.0	
Pearson: Uncorrected chi2(3) =	47.2023									
Design-based F(2.95, 12016.92) =	8.4016	Pr =	0.000							
High ER utilizers										
Yes (n=156)	86.0	[79.2,90.8]	14.0	[9.2,20.8]	0.0		0.0		100.0	
No (n=3,928)	73.2	[71.4,75.0]	24.5	[22.8,26.3]	2.2	[1.6,2.9]	0.2	[0.1,0.4]	100.0	
Pearson: Uncorrected chi2(3) =	15.8910									
Design-based F(2.91, 11858.58) =	3.3670	Pr =	0.019							
Chronic disease (HEDIS)										
Chronic disease (HEDIS) (n=1,160)	80.1	[76.9,83.0]	18.1	[15.3,21.2]	1.8	[1.0,3.1]	0.0	[0.0,0.2]	100.0	
No chronic disease (n=2,924)	71.6	[69.5,73.7]	26.0	[24.0,28.1]	2.2	[1.5,3.0]	0.2	[0.1,0.5]	100.0	
Pearson: Uncorrected chi2(3) =	29.6853									
Design-based F(2.46, 10033.56) =	8.1452	Pr =	0.000							
Mental health/substance use disorder (HEDIS)										
MH/SA (HEDIS) (n=2,030)	76.2	[73.7,78.5]	22.3	[20.1,24.7]	1.4	[0.8,2.2]	0.2	[0.0,0.7]	100.0	
No MH/SA (n=2,054)	71.5	[68.9,74.0]	25.6	[23.3,28.2]	2.7	[1.9,3.9]	0.1	[0.0,0.5]	100.0	
Pearson: Uncorrected chi2(3) =	17.3214									
Design-based F(2.98, 12121.27) =	3.4748	Pr =	0.016							
Total (n=4,084)	73.8	[72.0,75.5]	24.0	[22.4,25.8]	2.1	[1.5,2.8]	0.1	[0.1,0.4]	100.0	

4.53 Q: What kind of a place was it?

Universe: Respondents who had a usual place to go to for checkups, when feeling sick, or when they wanted advice about their health

	Regular place of care before HMP—location												Total Row%
	Clinic		Doctor's office		Urgent care/walk-in		Emergency room		Other place		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category													
0-35% (n=1,155)	16.7	[14.1,19.5]	44.0	[40.3,47.7]	15.4	[12.9,18.3]	22.3	[19.4,25.4]	1.7	[1.1,2.7]	0.0		100.0
36-99% (n=1,092)	17.1	[14.6,20.0]	51.4	[47.8,55.0]	18.0	[15.5,20.9]	10.9	[8.7,13.6]	2.4	[1.4,4.1]	0.1	[0.0,0.6]	100.0
≥ 100% (n = 804)	18.4	[15.4,21.8]	53.0	[48.9,57.0]	18.7	[15.8,21.9]	8.8	[6.8,11.4]	1.0	[0.4,2.1]	0.2	[0.0,1.1]	100.0
Pearson: Uncorrected chi2(10) =	93.4379												
Design-based F(9.42, 28621.50) =	7.3879		Pr =	0.000									
Region													
UP/NW/NE (n=562)	21.0	[17.5,25.0]	48.0	[43.3,52.8]	21.3	[17.6,25.4]	8.0	[5.8,11.0]	1.7	[0.9,3.2]	0.0		100.0
W/E Central/E (n=939)	15.6	[13.1,18.4]	49.2	[45.5,52.9]	18.7	[15.9,21.8]	13.9	[11.4,16.8]	2.5	[1.6,3.9]	0.2	[0.0,0.8]	100.0
S Central/SW/SE (n=610)	18.2	[14.9,22.0]	47.3	[42.4,52.3]	16.9	[13.4,21.1]	16.9	[13.3,21.3]	0.6	[0.2,2.1]	0.0		100.0
Detroit Metro (n=940)	16.9	[14.1,20.2]	47.4	[43.4,51.4]	14.6	[12.0,17.7]	19.2	[16.3,22.5]	1.8	[1.0,3.1]	0.0		100.0
Pearson: Uncorrected chi2(15) =	46.4041												
Design-based F(12.36, 37566.48) =	2.7285		Pr =	0.001									
Low healthcare utilizers													
Yes (n=308)	10.7	[7.3,15.4]	42.7	[35.5,50.2]	25.7	[19.3,33.4]	19.8	[15.0,25.7]	1.1	[0.3,3.4]	0.0		100.0
No (n=2,743)	18.1	[16.4,20.0]	48.7	[46.4,51.1]	15.5	[13.9,17.1]	15.7	[13.9,17.6]	1.9	[1.4,2.6]	0.1	[0.0,0.3]	100.0
Pearson: Uncorrected chi2(5) =	40.7422												
Design-based F(4.57, 13892.95) =	4.7195		Pr =	0.000									
High ER utilizers													
Yes (n=129)	10.1	[5.9,16.8]	44.0	[33.0,55.6]	15.0	[8.5,25.0]	29.4	[20.7,39.7]	1.6	[0.5,5.3]	0.0		100.0
No (n=2,922)	17.5	[15.8,19.4]	48.2	[45.8,50.5]	16.9	[15.3,18.7]	15.5	[13.8,17.4]	1.8	[1.3,2.5]	0.1	[0.0,0.2]	100.0
Pearson: Uncorrected chi2(5) =	23.3631												
Design-based F(4.43, 13455.54) =	3.1819		Pr =	0.010									
Chronic disease (HEDIS)													
Chronic disease (HEDIS) (n=943)	20.4	[17.4,23.7]	48.9	[44.9,52.8]	13.8	[11.3,16.7]	15.1	[12.5,18.2]	1.9	[1.0,3.6]	0.0		100.0
No chronic disease (n=2,108)	15.9	[14.0,18.1]	47.6	[44.8,50.4]	18.0	[16.0,20.2]	16.7	[14.6,18.9]	1.7	[1.2,2.5]	0.1	[0.0,0.3]	100.0
Pearson: Uncorrected chi2(5) =	15.1483												
Design-based F(4.84, 14693.93) =	2.1877		Pr =	0.055									
Mental health/substance use disorder (HEDIS)													
MH/SA (HEDIS) (n=1,571)	17.2	[15.0,19.6]	47.2	[44.0,50.4]	15.7	[13.5,18.1]	17.5	[15.2,20.1]	2.4	[1.6,3.5]	0.1	[0.0,0.5]	100.0
No MH/SA (n=1,480)	17.1	[14.8,19.8]	48.7	[45.4,52.0]	18.0	[15.6,20.6]	15.0	[12.6,17.7]	1.2	[0.7,2.0]	0.1	[0.0,0.4]	100.0
Pearson: Uncorrected chi2(5) =	12.1221												
Design-based F(4.75, 14442.90) =	1.6456		Pr =	0.148									
Total (n=3,051)	17.2	[15.5,18.9]	47.9	[45.7,50.2]	16.8	[15.2,18.6]	16.2	[14.6,18.1]	1.8	[1.3,2.4]	0.1	[0.0,0.2]	100.0

4.54 Q: In the last 12 months, is there a place you usually go when you need a checkup, feel sick, or want advice about your health?

Universe: All respondents

	Regular place of care past 12 months–YN						Total Row%
	Yes		No		NA		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,599)	91.2	[88.9,93.1]	7.0	[5.4,9.1]	1.7	[0.9,3.3]	100.0
36-99% (n=1,449)	94.0	[92.3,95.4]	5.3	[3.9,7.0]	0.7	[0.4,1.4]	100.0
≥ 100%(n = 1,040)	92.1	[89.6,94.0]	5.6	[4.0,7.7]	2.4	[1.4,4.1]	100.0
Pearson: Uncorrected chi2(4) =	14.3237						
Design-based F(3.65, 14868.51) =	2.0662	Pr =	0.089				
Region							
UP/NW/NE (n=746)	95.1	[93.0,96.6]	4.5	[3.1,6.5]	0.4	[0.1,1.4]	100.0
W/E Central/E (n=1,264)	93.9	[92.0,95.4]	4.5	[3.3,6.2]	1.5	[0.9,2.7]	100.0
S Central/SW/SE (n=837)	91.4	[88.3,93.7]	6.2	[4.5,8.4]	2.4	[1.1,5.5]	100.0
Detroit Metro (n=1,241)	90.8	[88.2,92.9]	7.7	[5.8,10.2]	1.5	[0.7,3.0]	100.0
Pearson: Uncorrected chi2(6) =	21.5679						
Design-based F(4.60, 18752.49) =	2.0928	Pr =	0.069				
Low healthcare utilizers							
Yes (n=490)	71.0	[65.0,76.3]	22.7	[17.8,28.4]	6.3	[3.8,10.3]	100.0
No (n=3,598)	96.0	[95.0,96.8]	3.3	[2.6,4.2]	0.7	[0.4,1.4]	100.0
Pearson: Uncorrected chi2(2) =	460.7073						
Design-based F(1.96, 7991.42) =	90.9133	Pr =	0.000				
High ER utilizers							
Yes (n=156)	95.7	[85.5,98.8]	3.9	[1.0,14.7]	0.3	[0.0,2.4]	100.0
No (n=3,932)	92.0	[90.6,93.2]	6.3	[5.3,7.6]	1.6	[1.1,2.5]	100.0
Pearson: Uncorrected chi2(2) =	3.6723						
Design-based F(1.34, 5461.28) =	0.8650	Pr =	0.382				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,161)	98.1	[96.9,98.8]	1.7	[1.0,2.9]	0.2	[0.1,0.7]	100.0
No chronic disease (n=2,927)	90.2	[88.5,91.8]	7.7	[6.4,9.3]	2.0	[1.3,3.1]	100.0
Pearson: Uncorrected chi2(2) =	65.7479						
Design-based F(1.94, 7900.15) =	28.9546	Pr =	0.000				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,033)	95.5	[93.8,96.7]	4.1	[2.9,5.8]	0.4	[0.2,0.8]	100.0
No MH/SA (n=2,055)	89.1	[86.9,91.0]	8.2	[6.6,10.1]	2.7	[1.7,4.2]	100.0
Pearson: Uncorrected chi2(2) =	65.7628						
Design-based F(1.88, 7649.97) =	16.9740	Pr =	0.000				
Total (n=4,088)	92.2	[90.8,93.4]	6.2	[5.2,7.4]	1.6	[1.0,2.4]	100.0

4.55 Q: What kind of a place was it?

Universe: Respondents who had a usual place to go to for checkups, when feeling sick, or when they wanted advice about their health

	Regular place of care past 12 months—location												Total Row%
	Clinic		Doctor's office		Urgent care/walk-in		Emergency room		Other place		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category													
0-35% (n=1,500)	17.0	[14.7,19.5]	74.3	[71.4,77.0]	6.0	[4.5,7.9]	1.9	[1.3,2.8]	0.8	[0.4,1.5]	0.1	[0.0,0.4]	100.0
36-99% (n=1,373)	15.3	[13.1,17.9]	76.4	[73.4,79.1]	5.9	[4.4,7.9]	1.5	[0.9,2.3]	0.9	[0.4,1.9]	0.0		100.0
≥ 100% (n = 977)	17.0	[14.3,20.0]	76.0	[72.7,79.1]	5.0	[3.6,6.9]	1.4	[0.7,2.6]	0.6	[0.3,1.3]	0.0		100.0
Pearson: Uncorrected chi2(10) =	5.5331												
Design-based F(8.85, 33972.40) =	0.4589	Pr =	0.900										
Region													
UP/NW/NE (n=711)	20.4	[17.3,24.0]	72.8	[69.0,76.4]	4.2	[2.7,6.4]	1.1	[0.5,2.2]	1.5	[0.7,3.0]	0.0		100.0
W/E Central/E (n=1,203)	16.3	[13.9,19.0]	76.4	[73.4,79.2]	5.8	[4.3,7.7]	1.0	[0.5,1.7]	0.5	[0.2,1.4]	0.0		100.0
S Central/SW/SE (n=779)	18.9	[16.0,22.2]	72.1	[68.3,75.6]	5.4	[3.7,7.8]	2.8	[1.7,4.6]	0.7	[0.3,1.8]	0.2	[0.0,1.1]	100.0
Detroit Metro (n=1,157)	14.8	[12.3,17.6]	76.3	[73.0,79.3]	6.3	[4.6,8.5]	1.8	[1.2,2.8]	0.9	[0.4,1.7]	0.0		100.0
Pearson: Uncorrected chi2(15) =	30.7755												
Design-based F(12.20, 46840.67) =	1.8301	Pr =	0.037										
Low healthcare utilizers													
Yes (n=365)	16.3	[11.9,22.0]	61.8	[55.1,68.0]	13.8	[9.5,19.5]	6.0	[4.0,9.0]	1.9	[0.9,4.2]	0.2	[0.0,1.7]	100.0
No (n=3,485)	16.5	[15.0,18.2]	77.0	[75.2,78.8]	4.7	[3.8,5.8]	1.1	[0.8,1.6]	0.6	[0.4,1.0]	0.0		100.0
Pearson: Uncorrected chi2(5) =	142.7994												
Design-based F(4.62, 17738.62) =	17.3108	Pr =	0.000										
High ER utilizers													
Yes (n=152)	9.9	[5.9,16.1]	79.0	[70.8,85.4]	3.1	[1.3,7.0]	6.0	[2.8,12.6]	2.1	[0.7,6.0]	0.0		100.0
No (n=3,698)	16.8	[15.3,18.4]	75.1	[73.2,76.8]	5.9	[4.9,7.1]	1.5	[1.1,2.0]	0.7	[0.5,1.1]	0.0	[0.0,0.2]	100.0
Pearson: Uncorrected chi2(5) =	32.3279												
Design-based F(4.86, 18666.66) =	5.1190	Pr =	0.000										
Chronic disease (HEDIS)													
Chronic disease (HEDIS) (n=1,139)	17.0	[14.3,20.1]	77.5	[74.2,80.6]	3.5	[2.3,5.3]	1.3	[0.7,2.5]	0.6	[0.3,1.4]	0.0		100.0
No chronic disease (n=2,711)	16.3	[14.6,18.2]	74.4	[72.2,76.5]	6.6	[5.4,8.1]	1.8	[1.3,2.5]	0.8	[0.5,1.4]	0.0	[0.0,0.3]	100.0
Pearson: Uncorrected chi2(5) =	15.9110												
Design-based F(4.82, 18506.85) =	2.2343	Pr =	0.050										
Mental health/substance use disorder (HEDIS)													
MH/SA (HEDIS) (n=1,968)	15.6	[13.7,17.7]	77.6	[75.2,79.9]	4.5	[3.4,6.0]	1.4	[0.9,2.1]	0.9	[0.5,1.6]	0.0		100.0
No MH/SA (n=1,882)	17.4	[15.2,19.8]	72.8	[70.1,75.4]	7.0	[5.6,8.9]	2.0	[1.4,2.8]	0.7	[0.3,1.3]	0.1	[0.0,0.4]	100.0
Pearson: Uncorrected chi2(5) =	19.7960												
Design-based F(4.81, 18455.31) =	2.6298	Pr =	0.024										
Total (n=3,850)	16.5	[15.0,18.1]	75.2	[73.4,77.0]	5.8	[4.8,6.9]	1.7	[1.3,2.2]	0.8	[0.5,1.2]	0.0	[0.0,0.2]	100.0

4.56 Q: Is this the same place that you went to before you enrolled in the Healthy Michigan Plan?

Universe: Respondents who usually go to a doctor's office or clinic

	Yes		Regular place same? No		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,378)	35.2	[32.0,38.5]	64.7	[61.4,67.9]	0.1	[0.0,0.6]	100.0
36-99% (n=1,270)	41.8	[38.6,45.2]	58.0	[54.7,61.3]	0.1	[0.0,0.8]	100.0
≥ 100% (n = 903)	46.4	[42.6,50.2]	53.6	[49.8,57.4]	0.0		100.0
Pearson: Uncorrected chi2(4) =	31.3193						
Design-based F(3.90, 13806.87) =	5.7768	Pr =	0.000				
Region							
UP/NW/NE (n=665)	43.4	[39.1,47.8]	56.6	[52.2,60.9]	0.0		100.0
W/E Central/E (n=1,119)	36.9	[33.7,40.2]	63.0	[59.7,66.1]	0.1	[0.0,1.0]	100.0
S Central/SW/SE (n=712)	42.6	[38.2,47.1]	57.4	[52.9,61.8]	0.0		100.0
Detroit Metro (n=1,055)	38.8	[35.2,42.5]	61.2	[57.4,64.8]	0.1	[0.0,0.6]	100.0
Pearson: Uncorrected chi2(6) =	9.1288						
Design-based F(4.98, 17637.42) =	1.3567	Pr =	0.237				
Low healthcare utilizers							
Yes (n=287)	39.9	[32.6,47.6]	60.1	[52.4,67.4]	0.0		100.0
No (n=3,264)	39.3	[37.2,41.4]	60.6	[58.5,62.7]	0.1	[0.0,0.3]	100.0
Pearson: Uncorrected chi2(2) =	0.3312						
Design-based F(1.90, 6718.64) =	0.0954	Pr =	0.900				
High ER utilizers							
Yes (n=133)	36.1	[25.5,48.3]	63.9	[51.7,74.5]	0.0		100.0
No (n=3,418)	39.5	[37.4,41.6]	60.4	[58.3,62.5]	0.1	[0.0,0.3]	100.0
Pearson: Uncorrected chi2(2) =	0.8545						
Design-based F(1.86, 6571.58) =	0.2314	Pr =	0.777				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,076)	42.0	[38.4,45.7]	57.9	[54.2,61.5]	0.1	[0.0,1.0]	100.0
No chronic disease (n=2,475)	38.3	[35.9,40.8]	61.6	[59.1,64.1]	0.0	[0.0,0.3]	100.0
Pearson: Uncorrected chi2(2) =	5.0519						
Design-based F(1.99, 7045.01) =	1.8031	Pr =	0.165				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=1,843)	37.9	[35.1,40.8]	62.0	[59.1,64.8]	0.1	[0.0,0.6]	100.0
No MH/SA (n=1,708)	40.8	[37.9,43.8]	59.1	[56.1,62.0]	0.1	[0.0,0.5]	100.0
Pearson: Uncorrected chi2(2) =	3.1377						
Design-based F(1.97, 6987.22) =	1.0649	Pr =	0.344				
Total (n=3,551)	39.3	[37.3,41.4]	60.6	[58.5,62.6]	0.1	[0.0,0.3]	100.0

4.57 Q: Is this your primary care provider for your Healthy Michigan Plan coverage?

Universe: Respondents who usually go to a doctor's office or clinic

	Yes		Regular place PCP? No		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,379)	96.8	[95.5,97.8]	3.1	[2.1,4.5]	0.1	[0.0,0.3]	100.0
36-99% (n=1,270)	96.5	[95.0,97.5]	2.9	[1.9,4.2]	0.6	[0.3,1.5]	100.0
≥ 100% (n = 903)	96.6	[94.7,97.8]	3.4	[2.2,5.3]	0.0		100.0
Pearson: Uncorrected chi2(4) =	11.7040						
Design-based F(3.54, 12520.95) =	2.5378	Pr =	0.045				
Region							
UP/NW/NE (n=665)	96.9	[95.3,97.9]	2.5	[1.6,3.9]	0.6	[0.3,1.5]	100.0
W/E Central/E (n=1,120)	97.9	[96.6,98.7]	1.9	[1.1,3.0]	0.3	[0.1,1.3]	100.0
S Central/SW/SE (n=711)	94.6	[92.4,96.3]	5.2	[3.6,7.4]	0.2	[0.0,0.7]	100.0
Detroit Metro (n=1,056)	96.7	[95.0,97.8]	3.2	[2.1,4.9]	0.1	[0.0,0.6]	100.0
Pearson: Uncorrected chi2(6) =	18.1502						
Design-based F(4.98, 17640.09) =	2.7932	Pr =	0.016				
Low healthcare utilizers							
Yes (n=287)	92.4	[88.1,95.2]	7.1	[4.3,11.4]	0.5	[0.2,1.6]	100.0
No (n=3,265)	97.2	[96.3,97.8]	2.6	[2.0,3.5]	0.2	[0.1,0.5]	100.0
Pearson: Uncorrected chi2(2) =	22.3574						
Design-based F(1.76, 6243.92) =	9.2596	Pr =	0.000				
High ER utilizers							
Yes (n=133)	97.2	[93.6,98.8]	2.8	[1.2,6.4]	0.0		100.0
No (n=3,419)	96.7	[95.8,97.4]	3.1	[2.4,4.0]	0.2	[0.1,0.5]	100.0
Pearson: Uncorrected chi2(2) =	0.4286						
Design-based F(1.96, 6934.81) =	0.2150	Pr =	0.802				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,078)	98.4	[97.2,99.1]	1.5	[0.8,2.7]	0.1	[0.0,0.5]	100.0
No chronic disease (n=2,474)	96.0	[94.9,96.9]	3.7	[2.8,4.8]	0.3	[0.1,0.6]	100.0
Pearson: Uncorrected chi2(2) =	12.2330						
Design-based F(1.85, 6535.59) =	5.7665	Pr =	0.004				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=1,843)	97.1	[96.1,97.9]	2.6	[1.9,3.7]	0.2	[0.1,0.6]	100.0
No MH/SA (n=1,709)	96.2	[94.8,97.3]	3.6	[2.5,5.0]	0.2	[0.1,0.7]	100.0
Pearson: Uncorrected chi2(2) =	2.5156						
Design-based F(1.93, 6838.16) =	0.9269	Pr =	0.393				
Total (n=3,552)	96.7	[95.8,97.4]	3.1	[2.4,3.9]	0.2	[0.1,0.5]	100.0

4.58 Q: Do you have a primary care provider through your Healthy Michigan Plan coverage?

Universe: Respondents who usually go to an urgent care/walk-in, emergency room, or see a PCP that is not through Healthy Michigan Plan

	Yes		Has HMP PCP No		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=269)	64.0	[56.4,70.9]	32.9	[26.1,40.4]	3.2	[1.6,6.1]	100.0
36-99% (n=220)	65.2	[57.1,72.6]	30.1	[23.3,38.0]	4.6	[1.9,11.0]	100.0
≥ 100%(n = 163)	60.6	[51.3,69.2]	34.2	[25.9,43.4]	5.2	[2.2,12.1]	100.0
Pearson: Uncorrected chi2(4) =	1.9513						
Design-based F(3.92, 2510.83) =	0.3446	Pr =	0.844				
Region							
UP/NW/NE (n=106)	68.0	[57.8,76.7]	29.1	[20.7,39.2]	2.9	[0.9,9.1]	100.0
W/E Central/E (n=167)	59.0	[50.1,67.3]	37.9	[29.8,46.7]	3.2	[1.2,8.4]	100.0
S Central/SW/SE (n=162)	67.2	[58.5,74.9]	29.1	[21.8,37.6]	3.7	[1.8,7.6]	100.0
Detroit Metro (n=217)	63.7	[55.2,71.4]	31.8	[24.4,40.2]	4.6	[2.3,9.1]	100.0
Pearson: Uncorrected chi2(6) =	3.7109						
Design-based F(5.08, 3251.72) =	0.5711	Pr =	0.725				
Low healthcare utilizers							
Yes (n=230)	54.3	[45.7,62.6]	39.9	[31.9,48.5]	5.8	[3.0,11.0]	100.0
No (n=422)	70.0	[64.2,75.2]	27.4	[22.3,33.1]	2.7	[1.4,4.9]	100.0
Pearson: Uncorrected chi2(2) =	17.7074						
Design-based F(1.96, 1251.28) =	5.6946	Pr =	0.004				
High ER utilizers							
Yes (n=29)	71.1	[51.5,85.1]	28.9	[14.9,48.5]	0.0		100.0
No (n=623)	63.3	[58.2,68.1]	32.6	[27.9,37.6]	4.1	[2.6,6.5]	100.0
Pearson: Uncorrected chi2(2) =	1.5302						
Design-based F(1.83, 1169.66) =	0.5919	Pr =	0.539				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=101)	80.2	[69.0,88.0]	19.2	[11.4,30.3]	0.7	[0.1,4.5]	100.0
No chronic disease (n=551)	61.4	[56.0,66.5]	34.2	[29.3,39.6]	4.4	[2.7,7.0]	100.0
Pearson: Uncorrected chi2(2) =	11.2195						
Design-based F(1.74, 1114.33) =	6.3369	Pr =	0.003				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=245)	63.0	[54.6,70.7]	34.4	[26.9,42.9]	2.6	[1.1,6.1]	100.0
No MH/SA (n=407)	64.0	[57.9,69.7]	31.3	[25.9,37.2]	4.7	[2.7,8.0]	100.0
Pearson: Uncorrected chi2(2) =	2.2138						
Design-based F(1.97, 1258.88) =	0.7326	Pr =	0.479				
Total (n=652)	63.6	[58.7,68.3]	32.4	[27.9,37.3]	3.9	[2.5,6.2]	100.0

4.59 Q: Did you choose your primary care provider or did your health plan assign you to one?

Universe: Respondents who usually go to an urgent care/walk-in, emergency room, or see a PCP that is not through Healthy Michigan Plan

	Chose my PCP		Who chose PCP Plan assigned my PCP		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=88)	53.8	[40.0,67.0]	45.3	[32.1,59.2]	0.9	[0.1,6.2]	100.0
36-99% (n=74)	41.3	[28.3,55.7]	56.9	[42.7,70.1]	1.7	[0.4,6.9]	100.0
≥ 100%(n = 54)	45.9	[30.8,61.8]	51.0	[35.1,66.7]	3.1	[0.4,19.4]	100.0
Pearson: Uncorrected chi2(4) =	3.3626						
Design-based F(3.67, 748.25) =	0.7122	Pr =	0.572				
Region							
UP/NW/NE (n=39)	36.5	[22.1,53.8]	60.0	[42.5,75.3]	3.5	[0.5,21.6]	100.0
W/E Central/E (n=45)	47.3	[30.9,64.3]	50.1	[33.5,66.8]	2.6	[0.3,16.7]	100.0
S Central/SW/SE (n=57)	32.3	[19.8,48.0]	64.3	[48.5,77.5]	3.4	[0.7,14.7]	100.0
Detroit Metro (n=75)	59.6	[44.7,72.9]	40.4	[27.1,55.3]	0.0		100.0
Pearson: Uncorrected chi2(6) =	13.7911						
Design-based F(5.05, 1029.82) =	2.1907	Pr =	0.053				
Low healthcare utilizers							
Yes (n=80)	42.5	[28.3,58.0]	57.5	[42.0,71.7]	0.0		100.0
No (n=136)	53.7	[42.8,64.2]	43.7	[33.3,54.7]	2.6	[0.9,7.5]	100.0
Pearson: Uncorrected chi2(2) =	5.6870						
Design-based F(1.83, 373.21) =	1.8905	Pr =	0.156				
High ER utilizers							
Yes (n=5)	73.6	[27.3,95.4]	19.1	[2.9,64.8]	7.3	[0.7,45.9]	100.0
No (n=211)	48.3	[39.4,57.3]	50.3	[41.3,59.3]	1.4	[0.4,4.5]	100.0
Pearson: Uncorrected chi2(2) =	3.4726						
Design-based F(1.73, 352.67) =	1.8414	Pr =	0.166				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=33)	53.2	[33.6,71.9]	38.9	[21.7,59.3]	7.9	[1.7,29.7]	100.0
No chronic disease (n=183)	48.6	[39.0,58.3]	50.6	[40.9,60.2]	0.8	[0.2,3.5]	100.0
Pearson: Uncorrected chi2(2) =	7.2059						
Design-based F(2.00, 407.53) =	3.5945	Pr =	0.028				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=78)	60.5	[46.4,73.1]	37.3	[25.1,51.5]	2.1	[0.5,9.1]	100.0
No MH/SA (n=138)	43.4	[32.5,55.0]	55.4	[43.8,66.4]	1.2	[0.3,5.6]	100.0
Pearson: Uncorrected chi2(2) =	6.2691						
Design-based F(1.88, 382.75) =	2.3747	Pr =	0.098				
Total (n=216)	49.1	[40.3,58.0]	49.4	[40.5,58.3]	1.5	[0.5,4.5]	100.0

4.60 Q: Before you enrolled in the Healthy Michigan Plan, about how long had it been since you had a primary care visit?

Universe: All respondents

	Pre-HMP PCP visit timing								Total Row%	
	Less than 1 year before HMP		1 to 5 years		More than 5 years		Don't know			
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI		
FPL category										
0-35% (n=1,597)	38.8	[35.8,41.9]	36.0	[33.1,39.1]	23.7	[21.2,26.4]	1.5	[0.8,2.5]	100.0	
36-99% (n=1,449)	40.8	[37.8,43.9]	39.7	[36.6,42.8]	18.1	[15.8,20.7]	1.4	[0.8,2.3]	100.0	
≥ 100% (n = 1,040)	42.6	[39.1,46.2]	39.8	[36.4,43.3]	15.9	[13.5,18.7]	1.7	[0.9,3.4]	100.0	
Pearson: Uncorrected chi2(6) =	28.3137									
Design-based F(5.73, 23343.19) =	3.2280	Pr =	0.004							
Region										
UP/NW/NE (n=745)	38.5	[34.6,42.6]	41.0	[37.0,45.1]	19.6	[16.5,23.1]	0.9	[0.4,2.0]	100.0	
W/E Central/E (n=1,264)	38.4	[35.4,41.6]	38.3	[35.3,41.5]	22.0	[19.5,24.8]	1.3	[0.6,2.6]	100.0	
S Central/SW/SE (n=837)	37.5	[33.6,41.6]	41.2	[37.2,45.4]	19.4	[16.4,22.8]	1.9	[1.0,3.6]	100.0	
Detroit Metro (n=1,240)	42.7	[39.3,46.2]	35.3	[32.0,38.7]	20.4	[17.6,23.4]	1.6	[0.9,2.7]	100.0	
Pearson: Uncorrected chi2(9) =	16.0176									
Design-based F(7.84, 31951.56) =	1.3198	Pr =	0.229							
Low healthcare utilizers										
Yes (n=489)	30.2	[25.1,35.8]	40.5	[34.8,46.4]	28.3	[23.5,33.6]	1.0	[0.4,2.8]	100.0	
No (n=3,597)	41.9	[39.9,44.0]	37.3	[35.3,39.3]	19.2	[17.6,20.9]	1.6	[1.1,2.3]	100.0	
Pearson: Uncorrected chi2(3) =	41.6459									
Design-based F(2.97, 12101.17) =	7.0738	Pr =	0.000							
High ER utilizers										
Yes (n=156)	48.7	[38.7,58.8]	36.5	[27.7,46.4]	14.8	[9.5,22.2]	0.0		100.0	
No (n=3,930)	39.8	[37.8,41.7]	37.8	[35.9,39.8]	20.8	[19.2,22.5]	1.6	[1.1,2.2]	100.0	
Pearson: Uncorrected chi2(3) =	9.4239									
Design-based F(2.93, 11932.43) =	1.7880	Pr =	0.148							
Chronic disease (HEDIS)										
Chronic disease (HEDIS) (n=1,161)	46.1	[42.5,49.6]	32.3	[29.2,35.7]	20.5	[17.5,23.8]	1.1	[0.5,2.6]	100.0	
No chronic disease (n=2,925)	38.2	[35.9,40.5]	39.6	[37.4,41.9]	20.6	[18.8,22.5]	1.6	[1.1,2.4]	100.0	
Pearson: Uncorrected chi2(3) =	24.0455									
Design-based F(2.92, 11881.15) =	4.6788	Pr =	0.003							
Mental health/substance use disorder (HEDIS)										
MH/SA (HEDIS) (n=2,033)	42.1	[39.4,44.9]	36.7	[34.1,39.4]	20.0	[17.9,22.4]	1.2	[0.6,2.1]	100.0	
No MH/SA (n=2,053)	38.3	[35.7,41.1]	38.8	[36.1,41.6]	21.1	[18.9,23.5]	1.8	[1.2,2.7]	100.0	
Pearson: Uncorrected chi2(3) =	8.1620									
Design-based F(2.97, 12084.02) =	1.5253	Pr =	0.206							
Total (n=4,086)	40.1	[38.2,42.1]	37.8	[35.9,39.7]	20.6	[19.0,22.2]	1.5	[1.0,2.1]	100.0	

4.61 Q: Have you seen your primary care provider in the past 12 months?

Universe: Respondents who reported having a PCP

	Seen PCP past 12 months						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,493)	85.0	[82.2,87.3]	14.9	[12.5,17.6]	0.2	[0.1,0.6]	100.0
36-99% (n=1,377)	86.2	[83.6,88.4]	13.3	[11.1,15.8]	0.5	[0.2,1.3]	100.0
≥ 100% (n = 981)	84.3	[81.3,87.0]	15.4	[12.7,18.4]	0.3	[0.1,1.0]	100.0
Pearson: Uncorrected chi2(4) =	4.2806						
Design-based F(3.72, 14299.55) =	0.7812	Pr =	0.529				
Region							
UP/NW/NE (n=712)	88.0	[84.6,90.7]	11.2	[8.6,14.4]	0.9	[0.3,2.6]	100.0
W/E Central/E (n=1,198)	87.5	[84.9,89.7]	12.3	[10.1,14.9]	0.2	[0.0,0.9]	100.0
S Central/SW/SE (n=776)	81.7	[77.7,85.1]	17.8	[14.4,21.8]	0.5	[0.2,1.8]	100.0
Detroit Metro (n=1,165)	84.6	[81.6,87.2]	15.2	[12.6,18.3]	0.2	[0.1,0.5]	100.0
Pearson: Uncorrected chi2(6) =	20.5973						
Design-based F(5.43, 20833.79) =	2.5112	Pr =	0.024				
Low healthcare utilizers							
Yes (n=381)	44.1	[37.6,50.8]	54.7	[48.1,61.3]	1.2	[0.4,3.0]	100.0
No (n=3,470)	91.2	[89.8,92.4]	8.7	[7.4,10.0]	0.2	[0.1,0.4]	100.0
Pearson: Uncorrected chi2(2) =	749.6313						
Design-based F(1.86, 7137.98) =	223.0744	Pr =	0.000				
High ER utilizers							
Yes (n=143)	87.1	[77.4,93.0]	12.9	[7.0,22.6]	0.0		100.0
No (n=3,708)	85.1	[83.4,86.7]	14.6	[13.0,16.3]	0.3	[0.2,0.6]	100.0
Pearson: Uncorrected chi2(2) =	0.9385						
Design-based F(1.84, 7072.55) =	0.2658	Pr =	0.748				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,140)	94.8	[92.6,96.3]	5.2	[3.6,7.4]	0.1	[0.0,0.4]	100.0
No chronic disease (n=2,711)	81.8	[79.7,83.7]	17.8	[15.9,19.9]	0.4	[0.2,0.8]	100.0
Pearson: Uncorrected chi2(2) =	100.3634						
Design-based F(1.57, 6044.20) =	40.3684	Pr =	0.000				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=1,950)	91.6	[89.7,93.3]	8.1	[6.5,10.1]	0.2	[0.1,0.5]	100.0
No MH/SA (n=1,901)	79.0	[76.3,81.4]	20.6	[18.2,23.3]	0.4	[0.2,0.9]	100.0
Pearson: Uncorrected chi2(2) =	122.8328						
Design-based F(1.82, 6990.80) =	39.5324	Pr =	0.000				
Total (n=3,851)	85.2	[83.5,86.7]	14.5	[13.0,16.2]	0.3	[0.2,0.6]	100.0

4.62 Q: Why have you not seen your primary care provider?

4.62.1 Not seen PCP- Healthy/did not need to see a doctor

Universe: Respondents who have not seen their PCP in the last 12 months

	Yes		No PCP visit: healthy No		Total Row%
	Row%	95%CI	Row%	95%CI	
FPL category					
0-35% (n=166)	62.7	[53.5,71.1]	37.3	[28.9,46.5]	100.0
36-99% (n=163)	63.3	[53.9,71.9]	36.7	[28.1,46.1]	100.0
≥ 100% (n = 123)	65.0	[55.0,73.8]	35.0	[26.2,45.0]	100.0
Pearson: Uncorrected chi2(2) =	0.1511				
Design-based F(1.92, 846.77) =	0.0591	Pr =	0.937		
Region					
UP/NW/NE (n=70)	77.7	[65.7,86.3]	22.3	[13.7,34.3]	100.0
W/E Central/E (n=122)	54.1	[43.8,64.1]	45.9	[35.9,56.2]	100.0
S Central/SW/SE (n=107)	63.2	[51.8,73.2]	36.8	[26.8,48.2]	100.0
Detroit Metro (n=153)	66.2	[56.3,74.9]	33.8	[25.1,43.7]	100.0
Pearson: Uncorrected chi2(3) =	7.6578				
Design-based F(2.59, 1138.53) =	2.1409	Pr =	0.103		
Low healthcare utilizers					
Yes (n=206)	71.0	[62.6,78.2]	29.0	[21.8,37.4]	100.0
No (n=246)	56.4	[48.4,64.0]	43.6	[36.0,51.6]	100.0
Pearson: Uncorrected chi2(1) =	10.4589				
Design-based F(1.00, 440.00) =	6.4697	Pr =	0.011		
High ER utilizers					
Yes (n=13)	59.9	[30.5,83.6]	40.1	[16.4,69.5]	100.0
No (n=439)	63.5	[57.6,69.0]	36.5	[31.0,42.4]	100.0
Pearson: Uncorrected chi2(1) =	0.0966				
Design-based F(1.00, 440.00) =	0.0580	Pr =	0.810		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=44)	43.9	[26.4,63.0]	56.1	[37.0,73.6]	100.0
No chronic disease (n=408)	65.4	[59.4,71.0]	34.6	[29.0,40.6]	100.0
Pearson: Uncorrected chi2(1) =	7.7238				
Design-based F(1.00, 440.00) =	4.7092	Pr =	0.031		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=125)	57.1	[46.0,67.6]	42.9	[32.4,54.0]	100.0
No MH/SA (n=327)	65.7	[58.9,71.9]	34.3	[28.1,41.1]	100.0
Pearson: Uncorrected chi2(1) =	2.8769				
Design-based F(1.00, 440.00) =	1.7898	Pr =	0.182		
Total (n=452)	63.4	[57.6,68.8]	36.6	[31.2,42.4]	100.0

4.62.2 Not seen PCP- Could not get an appointment

Universe: Respondents who have not seen their PCP in the last 12 months

	Yes		No PCP visit: no appointment		Total Row%
	Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=166)	7.4	[4.3,12.4]	92.6	[87.6,95.7]	100.0
36-99% (n=163)	5.6	[2.9,10.7]	94.4	[89.3,97.1]	100.0
≥ 100%(n = 123)	7.8	[3.8,15.1]	92.2	[84.9,96.2]	100.0
Pearson: Uncorrected chi2(2) =	0.4871				
Design-based F(1.96, 864.18) =	0.2439	Pr =	0.780		
Region					
UP/NW/NE (n=70)	3.4	[1.2,9.0]	96.6	[91.0,98.8]	100.0
W/E Central/E (n=122)	7.8	[4.1,14.3]	92.2	[85.7,95.9]	100.0
S Central/SW/SE (n=107)	11.5	[5.9,21.2]	88.5	[78.8,94.1]	100.0
Detroit Metro (n=153)	4.9	[2.6,9.2]	95.1	[90.8,97.4]	100.0
Pearson: Uncorrected chi2(3) =	5.3364				
Design-based F(2.47, 1085.82) =	1.9946	Pr =	0.125		
Low healthcare utilizers					
Yes (n=206)	5.4	[2.9,10.0]	94.6	[90.0,97.1]	100.0
No (n=246)	8.4	[5.3,13.1]	91.6	[86.9,94.7]	100.0
Pearson: Uncorrected chi2(1) =	1.5753				
Design-based F(1.00, 440.00) =	1.3132	Pr =	0.252		
High ER utilizers					
Yes (n=13)	0.0		100.0		100.0
No (n=439)	7.3	[5.0,10.4]	92.7	[89.6,95.0]	100.0
Pearson: Uncorrected chi2(1) =	1.3973				
Design-based F(1.00, 440.00) =	0.8617	Pr =	0.354		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=44)	13.4	[5.0,31.0]	86.6	[69.0,95.0]	100.0
No chronic disease (n=408)	6.3	[4.3,9.3]	93.7	[90.7,95.7]	100.0
Pearson: Uncorrected chi2(1) =	2.9239				
Design-based F(1.00, 440.00) =	2.0778	Pr =	0.150		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=125)	5.9	[2.9,11.8]	94.1	[88.2,97.1]	100.0
No MH/SA (n=327)	7.4	[4.8,11.3]	92.6	[88.7,95.2]	100.0
Pearson: Uncorrected chi2(1) =	0.3264				
Design-based F(1.00, 440.00) =	0.3000	Pr =	0.584		
Total (n=452)	7.0	[4.8,10.0]	93.0	[90.0,95.2]	100.0

4.62.3 Not seen PCP- Transportation difficulties/too far

Universe: Respondents who have not seen their PCP in the last 12 months

	Yes		No PCP visit: no transportation		Total Row%
	Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=166)	6.3	[3.1,12.4]	93.7	[87.6,96.9]	100.0
36-99% (n=163)	4.4	[1.4,12.8]	95.6	[87.2,98.6]	100.0
≥ 100%(n = 123)	4.9	[1.9,11.9]	95.1	[88.1,98.1]	100.0
Pearson: Uncorrected chi2(2) =	0.6452				
Design-based F(1.92, 846.61) =	0.2110	Pr =	0.801		
Region					
UP/NW/NE (n=70)	1.4	[0.3,5.6]	98.6	[94.4,99.7]	100.0
W/E Central/E (n=122)	6.9	[2.7,16.5]	93.1	[83.5,97.3]	100.0
S Central/SW/SE (n=107)	9.2	[4.6,17.6]	90.8	[82.4,95.4]	100.0
Detroit Metro (n=153)	3.6	[1.1,10.9]	96.4	[89.1,98.9]	100.0
Pearson: Uncorrected chi2(3) =	5.6169				
Design-based F(2.18, 958.29) =	1.3851	Pr =	0.250		
Low healthcare utilizers					
Yes (n=206)	8.3	[4.3,15.3]	91.7	[84.7,95.7]	100.0
No (n=246)	3.0	[1.4,6.5]	97.0	[93.5,98.6]	100.0
Pearson: Uncorrected chi2(1) =	6.0454				
Design-based F(1.00, 440.00) =	4.2579	Pr =	0.040		
High ER utilizers					
Yes (n=13)	2.7	[0.3,17.9]	97.3	[82.1,99.7]	100.0
No (n=439)	5.6	[3.3,9.4]	94.4	[90.6,96.7]	100.0
Pearson: Uncorrected chi2(1) =	0.2869				
Design-based F(1.00, 440.00) =	0.5301	Pr =	0.467		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=44)	6.2	[1.8,19.7]	93.8	[80.3,98.2]	100.0
No chronic disease (n=408)	5.4	[3.1,9.3]	94.6	[90.7,96.9]	100.0
Pearson: Uncorrected chi2(1) =	0.0488				
Design-based F(1.00, 440.00) =	0.0416	Pr =	0.839		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=125)	2.0	[0.8,5.4]	98.0	[94.6,99.2]	100.0
No MH/SA (n=327)	6.8	[3.9,11.7]	93.2	[88.3,96.1]	100.0
Pearson: Uncorrected chi2(1) =	4.0193				
Design-based F(1.00, 440.00) =	5.1396	Pr =	0.024		
Total (n=452)	5.5	[3.3,9.1]	94.5	[90.9,96.7]	100.0

4.62.4 Not seen PCP- Do not like doctor/staff

Universe: Respondents who have not seen their PCP in the last 12 months

	Yes		No PCP visit: don't like PCP		Total Row%
	Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=166)	3.2	[1.5,7.0]	96.8	[93.0,98.5]	100.0
36-99% (n=163)	4.2	[1.4,12.3]	95.8	[87.7,98.6]	100.0
≥ 100%(n = 123)	5.2	[2.3,11.6]	94.8	[88.4,97.7]	100.0
Pearson: Uncorrected chi2(2) =	0.7652				
Design-based F(1.93, 849.08) =	0.2982	Pr =	0.734		
Region					
UP/NW/NE (n=70)	2.5	[0.5,11.0]	97.5	[89.0,99.5]	100.0
W/E Central/E (n=122)	4.2	[1.7,10.4]	95.8	[89.6,98.3]	100.0
S Central/SW/SE (n=107)	5.6	[2.1,13.7]	94.4	[86.3,97.9]	100.0
Detroit Metro (n=153)	3.1	[1.2,7.7]	96.9	[92.3,98.8]	100.0
Pearson: Uncorrected chi2(3) =	1.2733				
Design-based F(2.66, 1171.95) =	0.4060	Pr =	0.725		
Low healthcare utilizers					
Yes (n=206)	1.0	[0.4,3.0]	99.0	[97.0,99.6]	100.0
No (n=246)	6.5	[3.6,11.4]	93.5	[88.6,96.4]	100.0
Pearson: Uncorrected chi2(1) =	8.9697				
Design-based F(1.00, 440.00) =	11.5746	Pr =	0.001		
High ER utilizers					
Yes (n=13)	12.3	[2.7,41.6]	87.7	[58.4,97.3]	100.0
No (n=439)	3.6	[2.0,6.2]	96.4	[93.8,98.0]	100.0
Pearson: Uncorrected chi2(1) =	3.4315				
Design-based F(1.00, 440.00) =	2.5926	Pr =	0.108		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=44)	11.3	[3.9,28.6]	88.7	[71.4,96.1]	100.0
No chronic disease (n=408)	3.1	[1.7,5.7]	96.9	[94.3,98.3]	100.0
Pearson: Uncorrected chi2(1) =	6.8890				
Design-based F(1.00, 440.00) =	4.9230	Pr =	0.027		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=125)	5.0	[2.0,11.6]	95.0	[88.4,98.0]	100.0
No MH/SA (n=327)	3.5	[1.8,6.6]	96.5	[93.4,98.2]	100.0
Pearson: Uncorrected chi2(1) =	0.4977				
Design-based F(1.00, 440.00) =	0.3849	Pr =	0.535		
Total (n=452)	3.9	[2.3,6.5]	96.1	[93.5,97.7]	100.0

4.62.5 Not seen PCP- See a specialist instead

Universe: Respondents who have not seen their PCP in the last 12 months

	Yes		No PCP visit: saw specialist		Total Row%
	Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=166)	4.3	[1.5,11.6]	95.7	[88.4,98.5]	100.0
36-99% (n=163)	5.1	[2.5,10.1]	94.9	[89.9,97.5]	100.0
≥ 100%(n = 123)	2.7	[1.0,7.1]	97.3	[92.9,99.0]	100.0
Pearson: Uncorrected chi2(2) =	0.7841				
Design-based F(1.70, 749.18) =	0.3208	Pr =	0.690		
Region					
UP/NW/NE (n=70)	8.5	[3.2,20.8]	91.5	[79.2,96.8]	100.0
W/E Central/E (n=122)	3.8	[1.4,10.2]	96.2	[89.8,98.6]	100.0
S Central/SW/SE (n=107)	3.1	[1.2,7.8]	96.9	[92.2,98.8]	100.0
Detroit Metro (n=153)	4.2	[1.3,12.8]	95.8	[87.2,98.7]	100.0
Pearson: Uncorrected chi2(3) =	1.8167				
Design-based F(2.44, 1071.88) =	0.4766	Pr =	0.659		
Low healthcare utilizers					
Yes (n=206)	1.2	[0.4,3.7]	98.8	[96.3,99.6]	100.0
No (n=246)	6.9	[3.5,13.2]	93.1	[86.8,96.5]	100.0
Pearson: Uncorrected chi2(1) =	9.1283				
Design-based F(1.00, 440.00) =	8.8523	Pr =	0.003		
High ER utilizers					
Yes (n=13)	4.0	[0.5,25.2]	96.0	[74.8,99.5]	100.0
No (n=439)	4.2	[2.2,7.8]	95.8	[92.2,97.8]	100.0
Pearson: Uncorrected chi2(1) =	0.0007				
Design-based F(1.00, 440.00) =	0.0008	Pr =	0.978		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=44)	2.5	[0.6,10.6]	97.5	[89.4,99.4]	100.0
No chronic disease (n=408)	4.3	[2.3,8.2]	95.7	[91.8,97.7]	100.0
Pearson: Uncorrected chi2(1) =	0.3093				
Design-based F(1.00, 440.00) =	0.4365	Pr =	0.509		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=125)	3.7	[1.6,8.6]	96.3	[91.4,98.4]	100.0
No MH/SA (n=327)	4.3	[2.0,9.1]	95.7	[90.9,98.0]	100.0
Pearson: Uncorrected chi2(1) =	0.0875				
Design-based F(1.00, 440.00) =	0.0707	Pr =	0.790		
Total (n=452)	4.2	[2.2,7.6]	95.8	[92.4,97.8]	100.0

4.62.6 Not seen PCP- Inconvenient hours

Universe: Respondents who have not seen their PCP in the last 12 months

	No PCP visit: inconvenient hours				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=166)	3.5	[1.0,11.6]	96.5	[88.4,99.0]	100.0
36-99% (n=163)	0.8	[0.1,5.5]	99.2	[94.5,99.9]	100.0
≥ 100%(n = 123)	4.7	[1.8,11.7]	95.3	[88.3,98.2]	100.0
Pearson: Uncorrected chi2(2) =	3.0792				
Design-based F(1.79, 788.92) =	1.0358	Pr =	0.349		
Region					
UP/NW/NE (n=70)	1.3	[0.2,9.0]	98.7	[91.0,99.8]	100.0
W/E Central/E (n=122)	1.8	[0.4,7.7]	98.2	[92.3,99.6]	100.0
S Central/SW/SE (n=107)	1.8	[0.4,7.4]	98.2	[92.6,99.6]	100.0
Detroit Metro (n=153)	4.6	[1.5,13.3]	95.4	[86.7,98.5]	100.0
Pearson: Uncorrected chi2(3) =	3.0702				
Design-based F(2.46, 1082.94) =	0.9276	Pr =	0.412		
Low healthcare utilizers					
Yes (n=206)	2.8	[0.6,13.2]	97.2	[86.8,99.4]	100.0
No (n=246)	3.2	[1.5,6.6]	96.8	[93.4,98.5]	100.0
Pearson: Uncorrected chi2(1) =	0.0464				
Design-based F(1.00, 440.00) =	0.0165	Pr =	0.898		
High ER utilizers					
Yes (n=13)	0.0		100.0		100.0
No (n=439)	3.1	[1.4,7.1]	96.9	[92.9,98.6]	100.0
Pearson: Uncorrected chi2(1) =	0.5774				
Design-based F(1.00, 440.00) =	0.2644	Pr =	0.607		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=44)	5.6	[1.3,20.5]	94.4	[79.5,98.7]	100.0
No chronic disease (n=408)	2.8	[1.0,7.0]	97.2	[93.0,99.0]	100.0
Pearson: Uncorrected chi2(1) =	1.0504				
Design-based F(1.00, 440.00) =	0.6887	Pr =	0.407		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=125)	0.7	[0.1,4.8]	99.3	[95.2,99.9]	100.0
No MH/SA (n=327)	3.9	[1.6,9.1]	96.1	[90.9,98.4]	100.0
Pearson: Uncorrected chi2(1) =	3.2248				
Design-based F(1.00, 440.00) =	3.3018	Pr =	0.070		
Total (n=452)	3.0	[1.3,6.8]	97.0	[93.2,98.7]	100.0

4.62.7 Not seen PCP- Do not like doctors in general

Universe: Respondents who have not seen their PCP in the last 12 months

	No PCP visit: don't like doctors				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=166)	1.5	[0.4,6.0]	98.5	[94.0,99.6]	100.0
36-99% (n=163)	1.4	[0.4,4.9]	98.6	[95.1,99.6]	100.0
≥ 100%(n = 123)	1.4	[0.4,4.5]	98.6	[95.5,99.6]	100.0
Pearson: Uncorrected chi2(2) =	0.0093				
Design-based F(1.78, 785.26) =	0.0053	Pr =	0.991		
Region					
UP/NW/NE (n=70)	0.7	[0.1,4.8]	99.3	[95.2,99.9]	100.0
W/E Central/E (n=122)	1.0	[0.2,4.0]	99.0	[96.0,99.8]	100.0
S Central/SW/SE (n=107)	1.9	[0.3,12.5]	98.1	[87.5,99.7]	100.0
Detroit Metro (n=153)	1.6	[0.5,5.1]	98.4	[94.9,99.5]	100.0
Pearson: Uncorrected chi2(3) =	0.4674				
Design-based F(2.05, 899.87) =	0.1745	Pr =	0.845		
Low healthcare utilizers					
Yes (n=206)	2.4	[0.9,6.5]	97.6	[93.5,99.1]	100.0
No (n=246)	0.6	[0.1,2.5]	99.4	[97.5,99.9]	100.0
Pearson: Uncorrected chi2(1) =	2.5070				
Design-based F(1.00, 440.00) =	2.7571	Pr =	0.098		
High ER utilizers					
Yes (n=13)	0.0		100.0		100.0
No (n=439)	1.5	[0.6,3.6]	98.5	[96.4,99.4]	100.0
Pearson: Uncorrected chi2(1) =	0.2755				
Design-based F(1.00, 440.00) =	0.1912	Pr =	0.662		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=44)	0.0		100.0		100.0
No chronic disease (n=408)	1.6	[0.7,3.8]	98.4	[96.2,99.3]	100.0
Pearson: Uncorrected chi2(1) =	0.7014				
Design-based F(1.00, 440.00) =	0.5357	Pr =	0.465		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=125)	0.4	[0.1,3.1]	99.6	[96.9,99.9]	100.0
No MH/SA (n=327)	1.9	[0.7,4.6]	98.1	[95.4,99.3]	100.0
Pearson: Uncorrected chi2(1) =	1.2501				
Design-based F(1.00, 440.00) =	1.9966	Pr =	0.158		
Total (n=452)	1.5	[0.6,3.4]	98.5	[96.6,99.4]	100.0

4.62.8 Not seen PCP- Other

Universe: Respondents who have not seen their PCP in the last 12 months

	Yes		No PCP visit: other response—record		Total Row%
	Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=166)	27.0	[19.8,35.7]	73.0	[64.3,80.2]	100.0
36-99% (n=163)	36.6	[27.4,46.9]	63.4	[53.1,72.6]	100.0
≥ 100%(n = 123)	32.3	[23.8,42.1]	67.7	[57.9,76.2]	100.0
Pearson: Uncorrected chi2(2) =	3.6061				
Design-based F(1.92, 846.99) =	1.3500	Pr =	0.260		
Region					
UP/NW/NE (n=70)	25.2	[16.2,36.9]	74.8	[63.1,83.8]	100.0
W/E Central/E (n=122)	38.5	[29.2,48.8]	61.5	[51.2,70.8]	100.0
S Central/SW/SE (n=107)	26.0	[18.1,35.8]	74.0	[64.2,81.9]	100.0
Detroit Metro (n=153)	29.6	[21.1,39.7]	70.4	[60.3,78.9]	100.0
Pearson: Uncorrected chi2(3) =	4.8654				
Design-based F(2.53, 1114.01) =	1.4260	Pr =	0.238		
Low healthcare utilizers					
Yes (n=206)	19.5	[13.8,26.8]	80.5	[73.2,86.2]	100.0
No (n=246)	40.8	[33.3,48.8]	59.2	[51.2,66.7]	100.0
Pearson: Uncorrected chi2(1) =	24.1422				
Design-based F(1.00, 440.00) =	15.6600	Pr =	0.000		
High ER utilizers					
Yes (n=13)	41.1	[17.0,70.4]	58.9	[29.6,83.0]	100.0
No (n=439)	30.2	[25.0,36.0]	69.8	[64.0,75.0]	100.0
Pearson: Uncorrected chi2(1) =	0.9479				
Design-based F(1.00, 440.00) =	0.5633	Pr =	0.453		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=44)	43.5	[26.9,61.7]	56.5	[38.3,73.1]	100.0
No chronic disease (n=408)	29.3	[24.0,35.2]	70.7	[64.8,76.0]	100.0
Pearson: Uncorrected chi2(1) =	3.6937				
Design-based F(1.00, 440.00) =	2.4740	Pr =	0.116		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=125)	46.4	[35.3,57.9]	53.6	[42.1,64.7]	100.0
No MH/SA (n=327)	24.6	[19.5,30.6]	75.4	[69.4,80.5]	100.0
Pearson: Uncorrected chi2(1) =	20.3159				
Design-based F(1.00, 440.00) =	12.3653	Pr =	0.000		
Total (n=452)	30.6	[25.6,36.3]	69.4	[63.7,74.4]	100.0

4.62.9 Not seen PCP- Don't know

Universe: Respondents who have not seen their PCP in the last 12 months

No PCP visit: don't know	No.
Yes	237.7
No	51027.2
Total	51264.9

4.62.10 Not seen PCP- Refused

Universe: Respondents who have not seen their PCP in the last 12 months

No PCP visit: refused	No.
No	51264.9
Total	51264.9

4.63 Q: Did you and the primary care provider talk about things you can do to be healthy and prevent medical problems?

Universe: Respondents who have seen their PCP in the past 12 months

	PCP talk prevention						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,322)	90.8	[88.3,92.7]	9.1	[7.2,11.5]	0.1	[0.0,0.4]	100.0
36-99% (n=1,209)	91.7	[89.5,93.4]	8.0	[6.2,10.1]	0.4	[0.1,1.0]	100.0
≥ 100% (n = 855)	91.1	[88.2,93.4]	7.6	[5.7,10.0]	1.3	[0.4,4.3]	100.0
Pearson: Uncorrected chi2(4) =	15.9945						
Design-based F(3.65, 12308.08) =	2.7111	Pr =	0.033				
Region							
UP/NW/NE (n=638)	93.7	[91.1,95.5]	6.3	[4.5,8.9]	0.0		100.0
W/E Central/E (n=1,074)	91.2	[88.8,93.0]	7.7	[6.0,9.7]	1.2	[0.5,3.0]	100.0
S Central/SW/SE (n=666)	92.8	[90.0,94.9]	7.2	[5.1,10.0]	0.0		100.0
Detroit Metro (n=1,008)	89.8	[86.9,92.0]	10.0	[7.8,12.9]	0.2	[0.1,0.6]	100.0
Pearson: Uncorrected chi2(6) =	27.3412						
Design-based F(4.29, 14470.64) =	3.5189	Pr =	0.006				
Low healthcare utilizers							
Yes (n=168)	86.1	[77.0,92.0]	13.9	[8.0,23.0]	0.0		100.0
No (n=3,218)	91.4	[90.0,92.7]	8.1	[6.9,9.5]	0.5	[0.2,1.0]	100.0
Pearson: Uncorrected chi2(2) =	9.7625						
Design-based F(2.00, 6731.18) =	1.9911	Pr =	0.137				
High ER utilizers							
Yes (n=130)	87.3	[74.4,94.2]	12.7	[5.8,25.6]	0.0		100.0
No (n=3,256)	91.3	[89.8,92.5]	8.3	[7.1,9.7]	0.5	[0.2,1.0]	100.0
Pearson: Uncorrected chi2(2) =	4.2481						
Design-based F(1.94, 6556.75) =	0.7719	Pr =	0.459				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,095)	94.7	[92.6,96.2]	4.7	[3.4,6.4]	0.6	[0.1,3.0]	100.0
No chronic disease (n=2,291)	89.6	[87.7,91.2]	10.1	[8.4,11.9]	0.4	[0.2,0.7]	100.0
Pearson: Uncorrected chi2(2) =	27.1289						
Design-based F(1.81, 6115.34) =	6.3259	Pr =	0.003				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=1,820)	92.7	[90.7,94.2]	7.2	[5.6,9.1]	0.1	[0.0,0.4]	100.0
No MH/SA (n=1,566)	89.3	[87.0,91.2]	9.9	[8.1,12.1]	0.8	[0.3,1.9]	100.0
Pearson: Uncorrected chi2(2) =	16.5639						
Design-based F(1.84, 6217.65) =	5.3472	Pr =	0.006				
Total (n=3,386)	91.1	[89.6,92.3]	8.5	[7.3,9.9]	0.4	[0.2,0.9]	100.0

4.64 Q: Do you remember completing the Health Risk Assessment?

Universe: All respondents

	Did you complete HRA?						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,599)	49.7	[46.6,52.8]	41.5	[38.5,44.7]	8.8	[7.1,10.8]	100.0
36-99% (n=1,450)	46.9	[43.8,50.0]	45.6	[42.5,48.7]	7.6	[5.9,9.7]	100.0
≥ 100% (n = 1,040)	51.6	[48.1,55.1]	41.8	[38.3,45.3]	6.6	[5.2,8.5]	100.0
Pearson: Uncorrected chi2(4) =	9.0982						
Design-based F(3.81, 15516.82) =	1.6211	Pr =	0.169				
Region							
UP/NW/NE (n=746)	54.2	[50.1,58.3]	37.3	[33.4,41.4]	8.4	[6.5,10.9]	100.0
W/E Central/E (n=1,264)	52.3	[49.1,55.5]	40.4	[37.3,43.6]	7.4	[5.8,9.3]	100.0
S Central/SW/SE (n=837)	47.0	[42.9,51.1]	43.3	[39.3,47.3]	9.7	[7.3,12.9]	100.0
Detroit Metro (n=1,242)	47.3	[43.8,50.7]	45.1	[41.7,48.6]	7.6	[5.8,9.8]	100.0
Pearson: Uncorrected chi2(6) =	16.7587						
Design-based F(5.24, 21344.54) =	2.0521	Pr =	0.065				
Low healthcare utilizers							
Yes (n=490)	38.5	[32.8,44.4]	52.5	[46.7,58.4]	9.0	[5.9,13.4]	100.0
No (n=3,599)	51.2	[49.1,53.3]	41.0	[38.9,43.0]	7.8	[6.7,9.1]	100.0
Pearson: Uncorrected chi2(2) =	34.8916						
Design-based F(1.98, 8088.72) =	7.4569	Pr =	0.001				
High ER utilizers							
Yes (n=156)	36.3	[27.5,46.2]	54.1	[44.1,63.8]	9.6	[5.2,16.9]	100.0
No (n=3,933)	49.9	[47.9,51.9]	42.2	[40.2,44.2]	7.9	[6.8,9.2]	100.0
Pearson: Uncorrected chi2(2) =	12.7376						
Design-based F(2.00, 8135.08) =	3.5494	Pr =	0.029				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,161)	51.0	[47.4,54.6]	40.7	[37.3,44.3]	8.2	[6.2,10.8]	100.0
No chronic disease (n=2,928)	48.7	[46.3,51.0]	43.4	[41.1,45.7]	7.9	[6.7,9.3]	100.0
Pearson: Uncorrected chi2(2) =	2.2253						
Design-based F(1.97, 8035.34) =	0.6772	Pr =	0.506				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,033)	49.1	[46.4,51.9]	43.3	[40.6,46.1]	7.6	[6.2,9.2]	100.0
No MH/SA (n=2,056)	49.4	[46.6,52.2]	42.2	[39.5,45.0]	8.4	[6.9,10.3]	100.0
Pearson: Uncorrected chi2(2) =	1.2665						
Design-based F(1.99, 8129.93) =	0.3662	Pr =	0.693				
Total (n=4,089)	49.3	[47.3,51.2]	42.7	[40.8,44.7]	8.0	[6.9,9.2]	100.0

4.65 Q: What led you to complete it?

4.65.1 Completed HRA- PCP suggested it

Universe: Respondents who completed a Health Risk Assessment

	HRA complete: PCP suggested				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=830)	44.7	[40.5,49.0]	55.3	[51.0,59.5]	100.0
36-99% (n=726)	48.0	[43.6,52.4]	52.0	[47.6,56.4]	100.0
≥ 100% (n = 546)	46.3	[41.3,51.3]	53.7	[48.7,58.7]	100.0
Pearson: Uncorrected chi2(2) =	1.6516				
Design-based F(1.95, 4068.29) =	0.6070	Pr =	0.541		
Region					
UP/NW/NE (n=414)	47.5	[42.0,53.0]	52.5	[47.0,58.0]	100.0
W/E Central/E (n=690)	47.1	[42.9,51.4]	52.9	[48.6,57.1]	100.0
S Central/SW/SE (n=403)	51.1	[45.1,57.1]	48.9	[42.9,54.9]	100.0
Detroit Metro (n=595)	42.5	[37.7,47.4]	57.5	[52.6,62.3]	100.0
Pearson: Uncorrected chi2(3) =	8.8055				
Design-based F(2.69, 5632.02) =	2.2486	Pr =	0.088		
Low healthcare utilizers					
Yes (n=189)	31.0	[23.1,40.1]	69.0	[59.9,76.9]	100.0
No (n=1,913)	47.9	[45.1,50.8]	52.1	[49.2,54.9]	100.0
Pearson: Uncorrected chi2(1) =	25.5441				
Design-based F(1.00, 2090.00) =	11.8486	Pr =	0.001		
High ER utilizers					
Yes (n=60)	49.9	[34.8,65.1]	50.1	[34.9,65.2]	100.0
No (n=2,042)	45.8	[43.0,48.6]	54.2	[51.4,57.0]	100.0
Pearson: Uncorrected chi2(1) =	0.4609				
Design-based F(1.00, 2090.00) =	0.2638	Pr =	0.608		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=625)	48.1	[43.2,53.0]	51.9	[47.0,56.8]	100.0
No chronic disease (n=1,477)	45.2	[41.9,48.4]	54.8	[51.6,58.1]	100.0
Pearson: Uncorrected chi2(1) =	1.3916				
Design-based F(1.00, 2090.00) =	0.9516	Pr =	0.329		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=1,043)	46.7	[42.9,50.4]	53.3	[49.6,57.1]	100.0
No MH/SA (n=1,059)	45.2	[41.4,49.2]	54.8	[50.8,58.6]	100.0
Pearson: Uncorrected chi2(1) =	0.4240				
Design-based F(1.00, 2090.00) =	0.2601	Pr =	0.610		
Total (n=2,102)	45.9	[43.2,48.7]	54.1	[51.3,56.8]	100.0

4.65.2 Completed HRA- Got it in mail

Universe: Respondents who completed a Health Risk Assessment

	HRA complete: got in mail				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=830)	33.8	[29.8,38.0]	66.2	[62.0,70.2]	100.0
36-99% (n=726)	31.8	[27.8,36.2]	68.2	[63.8,72.2]	100.0
≥ 100%(n = 546)	32.4	[28.1,37.1]	67.6	[62.9,71.9]	100.0
Pearson: Uncorrected chi2(2) =	0.6987				
Design-based F(1.93, 4035.18) =	0.2545	Pr =	0.768		
Region					
UP/NW/NE (n=414)	31.8	[27.0,37.0]	68.2	[63.0,73.0]	100.0
W/E Central/E (n=690)	31.1	[27.3,35.2]	68.9	[64.8,72.7]	100.0
S Central/SW/SE (n=403)	29.3	[24.4,34.7]	70.7	[65.3,75.6]	100.0
Detroit Metro (n=595)	36.1	[31.4,41.2]	63.9	[58.8,68.6]	100.0
Pearson: Uncorrected chi2(3) =	7.4362				
Design-based F(2.64, 5519.95) =	1.9582	Pr =	0.126		
Low healthcare utilizers					
Yes (n=189)	35.3	[26.3,45.4]	64.7	[54.6,73.7]	100.0
No (n=1,913)	32.7	[30.0,35.4]	67.3	[64.6,70.0]	100.0
Pearson: Uncorrected chi2(1) =	0.6877				
Design-based F(1.00, 2090.00) =	0.2742	Pr =	0.601		
High ER utilizers					
Yes (n=60)	26.4	[13.9,44.2]	73.6	[55.8,86.1]	100.0
No (n=2,042)	33.2	[30.6,35.9]	66.8	[64.1,69.4]	100.0
Pearson: Uncorrected chi2(1) =	1.3985				
Design-based F(1.00, 2090.00) =	0.6484	Pr =	0.421		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=625)	32.4	[28.0,37.1]	67.6	[62.9,72.0]	100.0
No chronic disease (n=1,477)	33.2	[30.1,36.4]	66.8	[63.6,69.9]	100.0
Pearson: Uncorrected chi2(1) =	0.1068				
Design-based F(1.00, 2090.00) =	0.0729	Pr =	0.787		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=1,043)	31.7	[28.2,35.5]	68.3	[64.5,71.8]	100.0
No MH/SA (n=1,059)	34.1	[30.4,38.0]	65.9	[62.0,69.6]	100.0
Pearson: Uncorrected chi2(1) =	1.3345				
Design-based F(1.00, 2090.00) =	0.7925	Pr =	0.373		
Total (n=2,102)	33.0	[30.4,35.6]	67.0	[64.4,69.6]	100.0

4.65.3 Completed HRA- At enrollment on the phone

Universe: Respondents who completed a Health Risk Assessment

	HRA complete: at enrollment via phone				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=830)	11.9	[9.2,15.2]	88.1	[84.8,90.8]	100.0
36-99% (n=726)	13.2	[10.6,16.3]	86.8	[83.7,89.4]	100.0
≥ 100%(n = 546)	13.8	[10.7,17.6]	86.2	[82.4,89.3]	100.0
Pearson: Uncorrected chi2(2) =	1.2092				
Design-based F(1.90, 3967.54) =	0.4262	Pr =	0.642		
Region					
UP/NW/NE (n=414)	10.9	[8.2,14.4]	89.1	[85.6,91.8]	100.0
W/E Central/E (n=690)	13.1	[10.4,16.5]	86.9	[83.5,89.6]	100.0
S Central/SW/SE (n=403)	9.7	[6.9,13.4]	90.3	[86.6,93.1]	100.0
Detroit Metro (n=595)	13.9	[10.8,17.9]	86.1	[82.1,89.2]	100.0
Pearson: Uncorrected chi2(3) =	5.0361				
Design-based F(2.57, 5375.66) =	1.3519	Pr =	0.258		
Low healthcare utilizers					
Yes (n=189)	17.1	[10.6,26.5]	82.9	[73.5,89.4]	100.0
No (n=1,913)	12.0	[10.3,14.0]	88.0	[86.0,89.7]	100.0
Pearson: Uncorrected chi2(1) =	5.1923				
Design-based F(1.00, 2090.00) =	1.9772	Pr =	0.160		
High ER utilizers					
Yes (n=60)	7.0	[2.3,19.6]	93.0	[80.4,97.7]	100.0
No (n=2,042)	12.8	[11.0,14.9]	87.2	[85.1,89.0]	100.0
Pearson: Uncorrected chi2(1) =	2.0469				
Design-based F(1.00, 2090.00) =	1.2706	Pr =	0.260		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=625)	11.2	[8.5,14.4]	88.8	[85.6,91.5]	100.0
No chronic disease (n=1,477)	13.2	[11.0,15.6]	86.8	[84.4,89.0]	100.0
Pearson: Uncorrected chi2(1) =	1.4782				
Design-based F(1.00, 2090.00) =	1.0650	Pr =	0.302		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=1,043)	11.0	[8.8,13.6]	89.0	[86.4,91.2]	100.0
No MH/SA (n=1,059)	14.2	[11.6,17.3]	85.8	[82.7,88.4]	100.0
Pearson: Uncorrected chi2(1) =	5.0158				
Design-based F(1.00, 2090.00) =	2.9774	Pr =	0.085		
Total (n=2,102)	12.6	[10.9,14.6]	87.4	[85.4,89.1]	100.0

4.65.4 Q: Did you take the form to your primary care provider?

Universe: Respondents who completed a Health Risk Assessment received by mail or over the phone

	Did you take the form to PCP?						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=250)	68.4	[60.0,75.7]	25.9	[19.0,34.2]	5.7	[2.9,11.0]	100.0
36-99% (n=205)	74.0	[64.1,82.0]	19.8	[12.5,29.8]	6.2	[2.9,12.7]	100.0
≥ 100% (n = 167)	78.9	[71.1,85.0]	16.1	[10.8,23.3]	5.0	[2.4,10.3]	100.0
Pearson: Uncorrected chi2(4) =	6.2215						
Design-based F(3.67, 2237.87) =	1.0026	Pr =	0.401				
Region							
UP/NW/NE (n=123)	78.3	[69.0,85.4]	13.6	[8.0,22.1]	8.1	[4.0,15.4]	100.0
W/E Central/E (n=201)	79.4	[72.1,85.2]	13.5	[8.9,19.9]	7.1	[3.8,12.8]	100.0
S Central/SW/SE (n=116)	77.4	[66.6,85.6]	19.6	[11.9,30.6]	2.9	[1.1,7.4]	100.0
Detroit Metro (n=182)	64.0	[54.1,72.8]	30.7	[22.3,40.6]	5.4	[2.3,12.2]	100.0
Pearson: Uncorrected chi2(6) =	24.6830						
Design-based F(4.92, 2999.31) =	3.2118	Pr =	0.007				
Low healthcare utilizers							
Yes (n=59)	34.0	[21.2,49.6]	55.9	[38.7,71.8]	10.1	[2.8,30.9]	100.0
No (n=563)	77.7	[72.6,82.1]	17.2	[13.2,22.2]	5.1	[3.3,7.6]	100.0
Pearson: Uncorrected chi2(2) =	70.2122						
Design-based F(1.90, 1160.64) =	13.5086	Pr =	0.000				
High ER utilizers							
Yes (n=11)	64.9	[21.4,92.6]	35.1	[7.4,78.6]	0.0		100.0
No (n=611)	72.1	[66.7,76.9]	22.0	[17.5,27.3]	5.9	[3.8,9.0]	100.0
Pearson: Uncorrected chi2(2) =	2.2619						
Design-based F(1.62, 990.08) =	0.3972	Pr =	0.629				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=182)	81.0	[73.4,86.8]	13.3	[8.3,20.5]	5.7	[3.2,10.2]	100.0
No chronic disease (n=440)	68.9	[62.2,74.8]	25.4	[19.8,32.0]	5.7	[3.3,9.8]	100.0
Pearson: Uncorrected chi2(2) =	10.0845						
Design-based F(1.98, 1206.19) =	3.7816	Pr =	0.023				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=297)	71.9	[63.5,78.9]	24.1	[17.2,32.7]	4.0	[2.3,7.0]	100.0
No MH/SA (n=325)	71.9	[64.5,78.3]	20.9	[15.3,27.9]	7.2	[3.9,12.7]	100.0
Pearson: Uncorrected chi2(2) =	3.3065						
Design-based F(1.88, 1148.58) =	0.8908	Pr =	0.405				
Total (n=622)	71.9	[66.5,76.7]	22.4	[17.8,27.7]	5.7	[3.7,8.8]	100.0

4.65.5 Completed HRA- Gift card/money/reward

Universe: Respondents who completed a Health Risk Assessment

	HRA complete: gift card				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=830)	2.5	[1.5,4.0]	97.5	[96.0,98.5]	100.0
36-99% (n=726)	2.1	[1.2,3.6]	97.9	[96.4,98.8]	100.0
≥ 100% (n = 546)	3.1	[1.9,5.0]	96.9	[95.0,98.1]	100.0
Pearson: Uncorrected chi2(2) =	1.0039				
Design-based F(1.94, 4048.89) =	0.4515	Pr =	0.630		
Region					
UP/NW/NE (n=414)	2.6	[1.3,5.1]	97.4	[94.9,98.7]	100.0
W/E Central/E (n=690)	3.1	[2.0,4.8]	96.9	[95.2,98.0]	100.0
S Central/SW/SE (n=403)	1.8	[0.9,3.6]	98.2	[96.4,99.1]	100.0
Detroit Metro (n=595)	2.3	[1.2,4.2]	97.7	[95.8,98.8]	100.0
Pearson: Uncorrected chi2(3) =	2.0485				
Design-based F(2.66, 5557.52) =	0.6381	Pr =	0.572		
Low healthcare utilizers					
Yes (n=189)	0.2	[0.0,1.6]	99.8	[98.4,100.0]	100.0
No (n=1,913)	2.8	[2.0,3.8]	97.2	[96.2,98.0]	100.0
Pearson: Uncorrected chi2(1) =	5.9739				
Design-based F(1.00, 2090.00) =	10.6219	Pr =	0.001		
High ER utilizers					
Yes (n=60)	0.7	[0.1,4.9]	99.3	[95.1,99.9]	100.0
No (n=2,042)	2.5	[1.9,3.5]	97.5	[96.5,98.1]	100.0
Pearson: Uncorrected chi2(1) =	0.9269				
Design-based F(1.00, 2090.00) =	1.8690	Pr =	0.172		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=625)	3.7	[2.0,6.6]	96.3	[93.4,98.0]	100.0
No chronic disease (n=1,477)	2.0	[1.5,2.9]	98.0	[97.1,98.5]	100.0
Pearson: Uncorrected chi2(1) =	4.5888				
Design-based F(1.00, 2090.00) =	2.9592	Pr =	0.086		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=1,043)	3.3	[2.1,4.9]	96.7	[95.1,97.9]	100.0
No MH/SA (n=1,059)	1.8	[1.1,2.7]	98.2	[97.3,98.9]	100.0
Pearson: Uncorrected chi2(1) =	4.8877				
Design-based F(1.00, 2090.00) =	4.0587	Pr =	0.044		
Total (n=2,102)	2.5	[1.8,3.4]	97.5	[96.6,98.2]	100.0

4.65.6 Completed HRA- Health plan suggested

Universe: Respondents who completed a Health Risk Assessment

	HRA complete: health plan suggested				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=830)	7.1	[5.2,9.6]	92.9	[90.4,94.8]	100.0
36-99% (n=726)	7.6	[5.4,10.7]	92.4	[89.3,94.6]	100.0
≥ 100%(n = 546)	7.6	[5.4,10.6]	92.4	[89.4,94.6]	100.0
Pearson: Uncorrected chi2(2) =	0.2289				
Design-based F(1.94, 4053.29) =	0.0783	Pr =	0.920		
Region					
UP/NW/NE (n=414)	7.5	[4.4,12.5]	92.5	[87.5,95.6]	100.0
W/E Central/E (n=690)	7.6	[5.7,10.1]	92.4	[89.9,94.3]	100.0
S Central/SW/SE (n=403)	9.7	[6.0,15.3]	90.3	[84.7,94.0]	100.0
Detroit Metro (n=595)	6.1	[4.2,8.6]	93.9	[91.4,95.8]	100.0
Pearson: Uncorrected chi2(3) =	5.1678				
Design-based F(2.81, 5869.79) =	1.0638	Pr =	0.361		
Low healthcare utilizers					
Yes (n=189)	9.8	[4.6,19.7]	90.2	[80.3,95.4]	100.0
No (n=1,913)	7.0	[5.8,8.4]	93.0	[91.6,94.2]	100.0
Pearson: Uncorrected chi2(1) =	2.6836				
Design-based F(1.00, 2090.00) =	0.7934	Pr =	0.373		
High ER utilizers					
Yes (n=60)	6.3	[2.5,15.1]	93.7	[84.9,97.5]	100.0
No (n=2,042)	7.3	[6.0,9.0]	92.7	[91.0,94.0]	100.0
Pearson: Uncorrected chi2(1) =	0.0996				
Design-based F(1.00, 2090.00) =	0.0986	Pr =	0.754		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=625)	7.8	[5.7,10.6]	92.2	[89.4,94.3]	100.0
No chronic disease (n=1,477)	7.1	[5.6,9.1]	92.9	[90.9,94.4]	100.0
Pearson: Uncorrected chi2(1) =	0.2482				
Design-based F(1.00, 2090.00) =	0.1792	Pr =	0.672		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=1,043)	6.4	[4.8,8.6]	93.6	[91.4,95.2]	100.0
No MH/SA (n=1,059)	8.1	[6.2,10.6]	91.9	[89.4,93.8]	100.0
Pearson: Uncorrected chi2(1) =	2.2161				
Design-based F(1.00, 2090.00) =	1.3457	Pr =	0.246		
Total (n=2,102)	7.3	[6.0,8.9]	92.7	[91.1,94.0]	100.0

4.65.7 Completed HRA- To save money on copays/cost sharing

Universe: Respondents who completed a Health Risk Assessment

	HRA complete: to save money				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=830)	0.0		100.0		100.0
36-99% (n=726)	0.0		100.0		100.0
≥ 100% (n = 546)	0.3	[0.1,1.6]	99.7	[98.4,99.9]	100.0
Pearson: Uncorrected chi2(2) =	5.8223				
Design-based F(1.70, 3562.96) =	4.3485	Pr =	0.018		
Region					
UP/NW/NE (n=414)	0.0		100.0		100.0
W/E Central/E (n=690)	0.2	[0.0,1.3]	99.8	[98.7,100.0]	100.0
S Central/SW/SE (n=403)	0.0		100.0		100.0
Detroit Metro (n=595)	0.0	[0.0,0.3]	100.0	[99.7,100.0]	100.0
Pearson: Uncorrected chi2(3) =	1.5078				
Design-based F(2.11, 4412.97) =	0.8460	Pr =	0.435		
Low healthcare utilizers					
Yes (n=189)	0.0		100.0		100.0
No (n=1,913)	0.1	[0.0,0.4]	99.9	[99.6,100.0]	100.0
Pearson: Uncorrected chi2(1) =	0.2049				
Design-based F(1.00, 2090.00) =	0.2147	Pr =	0.643		
High ER utilizers					
Yes (n=60)	0.0		100.0		100.0
No (n=2,042)	0.1	[0.0,0.4]	99.9	[99.6,100.0]	100.0
Pearson: Uncorrected chi2(1) =	0.0512				
Design-based F(1.00, 2090.00) =	0.0532	Pr =	0.818		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=625)	0.1	[0.0,0.5]	99.9	[99.5,100.0]	100.0
No chronic disease (n=1,477)	0.1	[0.0,0.5]	99.9	[99.5,100.0]	100.0
Pearson: Uncorrected chi2(1) =	0.0004				
Design-based F(1.00, 2090.00) =	0.0007	Pr =	0.979		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=1,043)	0.0	[0.0,0.3]	100.0	[99.7,100.0]	100.0
No MH/SA (n=1,059)	0.1	[0.0,0.7]	99.9	[99.3,100.0]	100.0
Pearson: Uncorrected chi2(1) =	0.3183				
Design-based F(1.00, 2090.00) =	0.5535	Pr =	0.457		
Total (n=2,102)	0.1	[0.0,0.3]	99.9	[99.7,100.0]	100.0

4.65.8 Completed HRA- To stay on top of my health

Universe: Respondents who completed a Health Risk Assessment

	HRA complete: to stay healthy				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=830)	3.0	[1.8,4.8]	97.0	[95.2,98.2]	100.0
36-99% (n=726)	2.6	[1.7,4.0]	97.4	[96.0,98.3]	100.0
≥ 100% (n = 546)	2.9	[1.7,5.0]	97.1	[95.0,98.3]	100.0
Pearson: Uncorrected chi2(2) =	0.1690				
Design-based F(1.88, 3923.70) =	0.0739	Pr =	0.919		
Region					
UP/NW/NE (n=414)	1.5	[0.7,3.2]	98.5	[96.8,99.3]	100.0
W/E Central/E (n=690)	3.1	[2.0,4.8]	96.9	[95.2,98.0]	100.0
S Central/SW/SE (n=403)	2.8	[1.5,5.0]	97.2	[95.0,98.5]	100.0
Detroit Metro (n=595)	3.1	[1.8,5.3]	96.9	[94.7,98.2]	100.0
Pearson: Uncorrected chi2(3) =	1.5903				
Design-based F(2.50, 5224.76) =	0.5032	Pr =	0.646		
Low healthcare utilizers					
Yes (n=189)	2.9	[1.2,7.1]	97.1	[92.9,98.8]	100.0
No (n=1,913)	2.9	[2.1,4.0]	97.1	[96.0,97.9]	100.0
Pearson: Uncorrected chi2(1) =	0.0017				
Design-based F(1.00, 2090.00) =	0.0011	Pr =	0.974		
High ER utilizers					
Yes (n=60)	3.4	[0.5,20.6]	96.6	[79.4,99.5]	100.0
No (n=2,042)	2.8	[2.1,3.9]	97.2	[96.1,97.9]	100.0
Pearson: Uncorrected chi2(1) =	0.0838				
Design-based F(1.00, 2090.00) =	0.0363	Pr =	0.849		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=625)	4.2	[2.4,7.4]	95.8	[92.6,97.6]	100.0
No chronic disease (n=1,477)	2.4	[1.7,3.4]	97.6	[96.6,98.3]	100.0
Pearson: Uncorrected chi2(1) =	5.0527				
Design-based F(1.00, 2090.00) =	2.9970	Pr =	0.084		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=1,043)	3.8	[2.5,5.7]	96.2	[94.3,97.5]	100.0
No MH/SA (n=1,059)	2.0	[1.3,3.0]	98.0	[97.0,98.7]	100.0
Pearson: Uncorrected chi2(1) =	6.4588				
Design-based F(1.00, 2090.00) =	4.9114	Pr =	0.027		
Total (n=2,102)	2.9	[2.1,3.9]	97.1	[96.1,97.9]	100.0

4.65.9 Completed HRA- Other

Universe: Respondents who completed a Health Risk Assessment

	HRA complete: other response-record				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=830)	2.6	[1.3,5.1]	97.4	[94.9,98.7]	100.0
36-99% (n=726)	2.3	[1.3,4.0]	97.7	[96.0,98.7]	100.0
≥ 100%(n = 546)	3.4	[2.1,5.6]	96.6	[94.4,97.9]	100.0
Pearson: Uncorrected chi2(2) =	1.1658				
Design-based F(1.77, 3688.89) =	0.3615	Pr =	0.670		
Region					
UP/NW/NE (n=414)	1.9	[0.8,4.3]	98.1	[95.7,99.2]	100.0
W/E Central/E (n=690)	2.2	[1.3,3.7]	97.8	[96.3,98.7]	100.0
S Central/SW/SE (n=403)	4.5	[1.8,10.8]	95.5	[89.2,98.2]	100.0
Detroit Metro (n=595)	2.5	[1.4,4.6]	97.5	[95.4,98.6]	100.0
Pearson: Uncorrected chi2(3) =	5.9719				
Design-based F(2.27, 4738.86) =	1.1199	Pr =	0.331		
Low healthcare utilizers					
Yes (n=189)	7.6	[3.2,16.8]	92.4	[83.2,96.8]	100.0
No (n=1,913)	2.1	[1.4,3.0]	97.9	[97.0,98.6]	100.0
Pearson: Uncorrected chi2(1) =	25.4173				
Design-based F(1.00, 2090.00) =	8.4872	Pr =	0.004		
High ER utilizers					
Yes (n=60)	3.6	[0.8,14.3]	96.4	[85.7,99.2]	100.0
No (n=2,042)	2.7	[1.8,4.0]	97.3	[96.0,98.2]	100.0
Pearson: Uncorrected chi2(1) =	0.2187				
Design-based F(1.00, 2090.00) =	0.1538	Pr =	0.695		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=625)	3.0	[1.4,6.0]	97.0	[94.0,98.6]	100.0
No chronic disease (n=1,477)	2.6	[1.7,4.1]	97.4	[95.9,98.3]	100.0
Pearson: Uncorrected chi2(1) =	0.1912				
Design-based F(1.00, 2090.00) =	0.0865	Pr =	0.769		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=1,043)	1.8	[1.0,3.1]	98.2	[96.9,99.0]	100.0
No MH/SA (n=1,059)	3.5	[2.1,5.8]	96.5	[94.2,97.9]	100.0
Pearson: Uncorrected chi2(1) =	5.9541				
Design-based F(1.00, 2090.00) =	3.2412	Pr =	0.072		
Total (n=2,102)	2.7	[1.8,4.0]	97.3	[96.0,98.2]	100.0

4.65.10 Completed HRA- Don't know

Universe: Respondents who completed a Health Risk Assessment

HRA complete: don't know		No.
Yes		7419.2
No		180629.3
Total		188048.5

4.65.11 Completed HRA- Refused

Universe: Respondents who completed a Health Risk Assessment

HRA complete: refused	No.
No	188048.5
Total	188048.5

4.66 Q: I think doing the Health Risk Assessment was valuable for me to improve my health.

Universe: Respondents who completed a Health Risk Assessment

	HRA is valuable to improve health												Total Row%
	Strongly agree		Agree		Neutral		Disagree		Strongly disagree		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category													
0-35% (n=829)	21.0	[17.5,25.0]	63.9	[59.5,68.1]	9.2	[6.8,12.4]	4.4	[3.0,6.3]	0.6	[0.2,1.9]	0.8	[0.2,2.7]	100.0
36-99% (n=725)	17.3	[14.5,20.6]	65.6	[61.5,69.5]	11.8	[9.3,14.7]	4.4	[3.0,6.4]	0.5	[0.2,1.7]	0.3	[0.1,1.0]	100.0
≥ 100% (n = 546)	15.9	[12.8,19.5]	65.6	[60.9,70.1]	10.8	[8.2,14.1]	6.5	[4.3,9.8]	0.6	[0.2,1.8]	0.6	[0.2,1.8]	100.0
Pearson: Uncorrected chi2(10) =	12.9213												
Design-based F(9.29, 19397.56) =	1.0094		Pr =	0.430									
Region													
UP/NW/NE (n=414)	14.0	[10.5,18.3]	64.4	[58.8,69.7]	13.4	[9.7,18.3]	7.7	[5.1,11.2]	0.0		0.5	[0.2,1.6]	100.0
W/E Central/E (n=689)	17.0	[14.1,20.2]	64.6	[60.4,68.6]	11.4	[8.8,14.7]	6.0	[4.1,8.7]	0.7	[0.3,1.7]	0.3	[0.1,1.1]	100.0
S Central/SW/SE (n=403)	17.8	[12.8,24.1]	66.8	[60.6,72.5]	11.8	[8.8,15.8]	2.4	[1.3,4.5]	0.4	[0.1,1.8]	0.7	[0.2,2.4]	100.0
Detroit Metro (n=594)	22.1	[18.2,26.6]	64.0	[59.0,68.7]	7.9	[5.4,11.5]	4.3	[2.8,6.5]	0.7	[0.2,2.3]	0.9	[0.2,3.3]	100.0
Pearson: Uncorrected chi2(15) =	32.2762												
Design-based F(12.44, 25982.49) =	1.6347		Pr =	0.072									
Low healthcare utilizers													
Yes (n=189)	21.8	[13.9,32.5]	58.7	[48.4,68.3]	12.0	[6.9,19.9]	5.0	[2.7,9.0]	0.4	[0.1,3.1]	2.1	[0.4,10.8]	100.0
No (n=1,911)	18.6	[16.5,20.9]	65.6	[62.8,68.2]	10.0	[8.4,11.9]	4.8	[3.7,6.1]	0.6	[0.3,1.3]	0.4	[0.2,1.0]	100.0
Pearson: Uncorrected chi2(5) =	13.0636												
Design-based F(4.37, 9122.17) =	1.1984		Pr =	0.309									
High ER utilizers													
Yes (n=60)	28.8	[17.4,43.8]	55.2	[39.6,69.8]	6.7	[1.6,24.4]	7.5	[2.2,22.2]	0.0		1.8	[0.3,12.1]	100.0
No (n=2,040)	18.6	[16.5,21.0]	65.1	[62.3,67.7]	10.4	[8.7,12.2]	4.7	[3.7,6.0]	0.6	[0.3,1.2]	0.6	[0.2,1.5]	100.0
Pearson: Uncorrected chi2(5) =	8.5786												
Design-based F(4.78, 9982.32) =	0.9479		Pr =	0.446									
Chronic disease (HEDIS)													
Chronic disease (HEDIS) (n=624)	20.6	[16.9,25.0]	68.1	[63.3,72.4]	6.8	[4.8,9.5]	3.8	[2.4,5.9]	0.1	[0.0,0.8]	0.6	[0.3,1.5]	100.0
No chronic disease (n=1,476)	18.4	[15.9,21.2]	63.6	[60.3,66.7]	11.4	[9.5,13.8]	5.2	[4.0,6.7]	0.8	[0.4,1.6]	0.6	[0.2,1.9]	100.0
Pearson: Uncorrected chi2(5) =	15.3733												
Design-based F(4.73, 9879.33) =	2.5001		Pr =	0.031									
Mental health/substance use disorder (HEDIS)													
MH/SA (HEDIS) (n=1,042)	19.5	[16.7,22.6]	64.4	[60.7,68.0]	9.5	[7.4,12.0]	5.2	[3.7,7.3]	0.5	[0.2,1.4]	0.9	[0.3,2.6]	100.0
No MH/SA (n=1,058)	18.5	[15.4,22.1]	65.0	[61.1,68.8]	11.0	[8.7,13.8]	4.5	[3.3,6.1]	0.7	[0.3,1.8]	0.3	[0.1,1.5]	100.0
Pearson: Uncorrected chi2(5) =	5.3514												
Design-based F(4.87, 10175.57) =	0.6109		Pr =	0.687									
Total (n=2,100)	19.0	[16.8,21.3]	64.7	[62.0,67.4]	10.2	[8.7,12.1]	4.8	[3.8,6.1]	0.6	[0.3,1.2]	0.6	[0.3,1.5]	100.0

4.67 Q: I think doing the Health Risk Assessment was helpful for my primary care provider to understand my health needs.

Universe: Respondents who completed a Health Risk Assessment

	HRA helped PCP understand my health												Total Row%
	Strongly agree		Agree		Neutral		Disagree		Strongly disagree		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category													
0-35% (n=829)	25.4	[21.7,29.4]	64.9	[60.6,69.0]	5.1	[3.5,7.5]	2.4	[1.4,4.1]	0.2	[0.1,1.1]	1.9	[1.0,3.7]	100.0
36-99% (n=724)	23.3	[19.9,27.0]	65.3	[61.1,69.3]	8.1	[6.1,10.7]	2.0	[1.2,3.3]	0.7	[0.2,2.1]	0.6	[0.3,1.5]	100.0
≥ 100% (n = 546)	25.9	[21.8,30.4]	64.0	[59.0,68.6]	5.9	[3.5,9.8]	3.1	[1.9,5.0]	0.4	[0.1,1.7]	0.7	[0.3,1.9]	100.0
Pearson: Uncorrected chi2(10) =	15.9480												
Design-based F(9.18, 19149.88) =	1.2536		Pr =	0.256									
Region													
UP/NW/NE (n=414)	20.2	[15.7,25.6]	66.7	[61.0,71.9]	5.6	[3.5,8.8]	5.2	[3.2,8.4]	0.6	[0.2,2.2]	1.6	[0.7,3.7]	100.0
W/E Central/E (n=688)	24.6	[21.2,28.4]	65.3	[61.2,69.3]	6.8	[4.7,9.6]	2.0	[1.1,3.6]	0.3	[0.1,1.3]	1.0	[0.4,2.0]	100.0
S Central/SW/SE (n=403)	22.7	[17.7,28.5]	64.5	[58.4,70.1]	8.8	[6.0,12.8]	3.0	[1.7,5.0]	0.3	[0.0,1.9]	0.8	[0.2,3.2]	100.0
Detroit Metro (n=594)	27.2	[23.0,31.9]	64.2	[59.2,68.9]	4.6	[2.8,7.4]	1.9	[0.9,4.0]	0.4	[0.1,1.6]	1.7	[0.7,4.0]	100.0
Pearson: Uncorrected chi2(15) =	25.0460												
Design-based F(12.98, 27082.32) =	1.2886		Pr =	0.211									
Low healthcare utilizers													
Yes (n=188)	26.4	[18.0,37.0]	57.7	[47.5,67.3]	5.0	[2.8,8.9]	4.9	[2.0,11.6]	0.7	[0.1,4.6]	5.3	[2.1,12.4]	100.0
No (n=1,911)	24.7	[22.4,27.2]	65.8	[63.1,68.4]	6.2	[4.9,7.9]	2.1	[1.5,2.9]	0.3	[0.1,0.8]	0.8	[0.4,1.4]	100.0
Pearson: Uncorrected chi2(5) =	43.4305												
Design-based F(4.64, 9674.62) =	4.3413		Pr =	0.001									
High ER utilizers													
Yes (n=60)	30.5	[18.7,45.5]	66.9	[51.8,79.2]	1.4	[0.2,9.2]	1.3	[0.2,8.5]	0.0		0.0		100.0
No (n=2,039)	24.7	[22.4,27.3]	64.8	[62.0,67.4]	6.2	[5.0,7.8]	2.5	[1.8,3.5]	0.4	[0.2,0.9]	1.4	[0.8,2.3]	100.0
Pearson: Uncorrected chi2(5) =	5.1186												
Design-based F(4.60, 9605.22) =	0.7651		Pr =	0.565									
Chronic disease (HEDIS)													
Chronic disease (HEDIS) (n=624)	24.9	[20.8,29.6]	66.9	[62.0,71.5]	4.9	[3.0,7.8]	1.7	[1.0,2.9]	0.1	[0.0,0.4]	1.5	[0.6,3.5]	100.0
No chronic disease (n=1,475)	24.9	[22.2,27.9]	64.1	[60.9,67.2]	6.5	[5.0,8.3]	2.7	[1.8,3.9]	0.5	[0.2,1.1]	1.3	[0.7,2.4]	100.0
Pearson: Uncorrected chi2(5) =	6.0650												
Design-based F(4.16, 8685.52) =	0.9794		Pr =	0.419									
Mental health/substance use disorder (HEDIS)													
MH/SA (HEDIS) (n=1,042)	24.8	[21.7,28.2]	63.8	[60.0,67.4]	6.3	[4.4,8.8]	3.0	[2.0,4.4]	0.5	[0.2,1.4]	1.6	[0.8,3.4]	100.0
No MH/SA (n=1,057)	25.0	[21.7,28.7]	65.8	[62.0,69.5]	5.9	[4.4,7.9]	1.9	[1.1,3.4]	0.3	[0.1,1.0]	1.0	[0.5,2.1]	100.0
Pearson: Uncorrected chi2(5) =	5.3227												
Design-based F(4.94, 10314.27) =	0.6551		Pr =	0.656									
Total (n=2,099)	24.9	[22.6,27.4]	64.8	[62.1,67.4]	6.1	[4.9,7.6]	2.4	[1.8,3.4]	0.4	[0.2,0.8]	1.3	[0.8,2.2]	100.0

4.68 Q: I know what I need to do to be healthy, so the Health Risk Assessment wasn't that helpful.

Universe: Respondents who completed a Health Risk Assessment

	HRA was not helpful												Total Row%
	Strongly agree		Agree		Neutral		Disagree		Strongly disagree		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category													
0-35% (n=829)	4.6	[3.2,6.5]	27.2	[23.5,31.2]	16.7	[13.5,20.6]	45.9	[41.6,50.2]	4.9	[3.3,7.3]	0.7	[0.3,1.8]	100.0
36-99% (n=725)	4.0	[2.6,6.3]	27.2	[23.6,31.1]	15.3	[12.1,19.3]	47.1	[42.8,51.5]	4.1	[2.8,6.0]	2.2	[0.9,5.3]	100.0
≥ 100% (n = 546)	5.0	[3.2,7.7]	26.4	[22.2,31.2]	19.0	[15.3,23.4]	45.8	[40.9,50.7]	2.7	[1.6,4.5]	1.1	[0.4,3.5]	100.0
Pearson: Uncorrected chi2(10) =	13.5346												
Design-based F(9.39, 19614.40) =	0.9162		Pr =	0.513									
Region													
UP/NW/NE (n=414)	4.0	[2.3,7.1]	31.1	[26.1,36.6]	16.1	[12.5,20.4]	45.2	[39.8,50.8]	2.6	[1.4,4.9]	0.9	[0.4,2.2]	100.0
W/E Central/E (n=689)	4.9	[3.4,7.1]	26.8	[23.0,31.0]	16.0	[13.1,19.5]	45.8	[41.6,50.1]	5.3	[3.8,7.4]	1.1	[0.5,2.4]	100.0
S Central/SW/SE (n=403)	3.3	[1.9,5.7]	32.3	[26.6,38.5]	15.7	[12.0,20.3]	44.6	[38.7,50.6]	3.5	[1.9,6.3]	0.7	[0.3,1.7]	100.0
Detroit Metro (n=594)	4.8	[3.1,7.3]	24.0	[20.2,28.4]	18.1	[14.1,22.9]	47.4	[42.4,52.4]	4.2	[2.4,7.0]	1.5	[0.6,4.0]	100.0
Pearson: Uncorrected chi2(15) =	17.0507												
Design-based F(12.45, 25988.74) =	0.9099		Pr =	0.539									
Low healthcare utilizers													
Yes (n=189)	5.9	[2.8,11.8]	27.6	[19.6,37.4]	14.5	[8.4,23.7]	42.1	[33.0,51.8]	8.0	[3.4,17.6]	2.0	[0.3,12.7]	100.0
No (n=1,911)	4.3	[3.3,5.6]	27.0	[24.6,29.5]	17.1	[14.9,19.6]	46.7	[43.9,49.5]	3.7	[2.9,4.8]	1.1	[0.6,1.9]	100.0
Pearson: Uncorrected chi2(5) =	13.8379												
Design-based F(4.65, 9704.51) =	0.9465		Pr =	0.445									
High ER utilizers													
Yes (n=60)	4.3	[1.1,15.9]	25.0	[13.9,40.7]	8.9	[3.0,23.5]	58.5	[42.9,72.7]	3.2	[1.0,9.9]	0.0		100.0
No (n=2,040)	4.5	[3.5,5.8]	27.1	[24.7,29.7]	17.1	[14.9,19.5]	45.8	[43.0,48.5]	4.3	[3.2,5.6]	1.2	[0.7,2.2]	100.0
Pearson: Uncorrected chi2(5) =	6.1291												
Design-based F(4.65, 9716.76) =	0.7654		Pr =	0.566									
Chronic disease (HEDIS)													
Chronic disease (HEDIS) (n=624)	3.7	[2.3,5.8]	25.2	[21.2,29.6]	10.5	[7.8,13.8]	54.3	[49.4,59.1]	4.9	[3.3,7.1]	1.5	[0.6,3.6]	100.0
No chronic disease (n=1,476)	4.8	[3.6,6.4]	27.7	[24.9,30.7]	19.1	[16.4,22.1]	43.3	[40.1,46.6]	4.0	[2.8,5.7]	1.1	[0.5,2.3]	100.0
Pearson: Uncorrected chi2(5) =	31.7471												
Design-based F(4.89, 10206.96) =	4.2920		Pr =	0.001									
Mental health/substance use disorder (HEDIS)													
MH/SA (HEDIS) (n=1,042)	4.5	[3.2,6.4]	26.0	[22.8,29.5]	14.0	[11.5,17.1]	48.8	[45.0,52.6]	5.2	[3.7,7.1]	1.5	[0.7,3.3]	100.0
No MH/SA (n=1,058)	4.5	[3.2,6.3]	28.0	[24.7,31.7]	19.4	[16.2,23.1]	43.8	[39.9,47.7]	3.4	[2.1,5.4]	0.9	[0.4,2.0]	100.0
Pearson: Uncorrected chi2(5) =	18.0664												
Design-based F(4.94, 10313.77) =	2.0311		Pr =	0.072									
Total (n=2,100)	4.5	[3.5,5.7]	27.0	[24.7,29.5]	16.8	[14.7,19.2]	46.2	[43.5,48.9]	4.2	[3.2,5.6]	1.2	[0.7,2.1]	100.0

4.69 Q: After going through the Health Risk Assessment, or at a primary care visit, did you choose to work on a healthy behavior or do something good for your health?

Universe: Respondents who completed a Health Risk Assessment

	HRA: choose behavior?						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=830)	82.0	[78.6,85.1]	17.7	[14.7,21.2]	0.3	[0.1,0.7]	100.0
36-99% (n=725)	80.2	[76.6,83.4]	18.9	[15.7,22.4]	1.0	[0.4,2.2]	100.0
≥ 100% (n = 545)	78.2	[73.4,82.3]	20.8	[16.7,25.4]	1.1	[0.3,3.4]	100.0
Pearson: Uncorrected chi2(4) =	6.6897						
Design-based F(3.73, 7783.70) =	1.3440	Pr =	0.253				
Region							
UP/NW/NE (n=414)	71.7	[66.3,76.5]	27.0	[22.2,32.5]	1.3	[0.6,2.7]	100.0
W/E Central/E (n=690)	81.3	[77.3,84.7]	18.1	[14.7,22.1]	0.6	[0.2,1.8]	100.0
S Central/SW/SE (n=403)	79.6	[74.6,83.8]	20.1	[15.9,25.0]	0.4	[0.1,1.7]	100.0
Detroit Metro (n=593)	83.0	[79.0,86.4]	16.4	[13.1,20.4]	0.6	[0.2,1.7]	100.0
Pearson: Uncorrected chi2(6) =	15.3141						
Design-based F(5.24, 10933.82) =	2.2020	Pr =	0.048				
Low healthcare utilizers							
Yes (n=188)	75.9	[67.3,82.8]	23.6	[16.8,32.2]	0.4	[0.1,1.8]	100.0
No (n=1,912)	81.4	[79.1,83.5]	18.0	[15.9,20.2]	0.6	[0.3,1.2]	100.0
Pearson: Uncorrected chi2(2) =	4.7701						
Design-based F(1.54, 3222.32) =	1.7805	Pr =	0.177				
High ER utilizers							
Yes (n=60)	78.8	[62.2,89.4]	21.2	[10.6,37.8]	0.0		100.0
No (n=2,040)	80.8	[78.5,82.9]	18.6	[16.5,20.8]	0.6	[0.4,1.1]	100.0
Pearson: Uncorrected chi2(2) =	0.7109						
Design-based F(1.90, 3971.66) =	0.2205	Pr =	0.791				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=624)	87.6	[83.9,90.5]	12.1	[9.2,15.8]	0.3	[0.1,0.8]	100.0
No chronic disease (n=1,476)	78.3	[75.6,80.9]	20.9	[18.4,23.7]	0.7	[0.4,1.4]	100.0
Pearson: Uncorrected chi2(2) =	22.3217						
Design-based F(1.65, 3434.86) =	10.8436	Pr =	0.000				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=1,042)	81.9	[78.6,84.8]	17.5	[14.6,20.7]	0.6	[0.3,1.5]	100.0
No MH/SA (n=1,058)	79.7	[76.5,82.5]	19.7	[16.9,22.9]	0.6	[0.3,1.4]	100.0
Pearson: Uncorrected chi2(2) =	1.7972						
Design-based F(1.94, 4054.72) =	0.6389	Pr =	0.523				
Total (n=2,100)	80.7	[78.5,82.8]	18.6	[16.6,20.9]	0.6	[0.3,1.1]	100.0

4.70 Q: What did you choose to do?

4.70.1 HRA behavior- Exercise/activity

Universe: Respondents who chose to work on a health behavior

	HRA behavior: exercise				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=671)	50.6	[45.8,55.4]	49.4	[44.6,54.2]	100.0
36-99% (n=582)	55.4	[50.5,60.3]	44.6	[39.7,49.5]	100.0
≥ 100% (n = 437)	54.1	[48.7,59.5]	45.9	[40.5,51.3]	100.0
Pearson: Uncorrected chi2(2) =	3.2440				
Design-based F(1.93, 3239.77) =	1.2048	Pr =	0.299		
Region					
UP/NW/NE (n=299)	54.4	[47.9,60.7]	45.6	[39.3,52.1]	100.0
W/E Central/E (n=581)	52.4	[47.8,57.0]	47.6	[43.0,52.2]	100.0
S Central/SW/SE (n=319)	51.2	[44.3,58.0]	48.8	[42.0,55.7]	100.0
Detroit Metro (n=491)	52.9	[47.4,58.4]	47.1	[41.6,52.6]	100.0
Pearson: Uncorrected chi2(3) =	0.4593				
Design-based F(2.65, 4453.33) =	0.1173	Pr =	0.935		
Low healthcare utilizers					
Yes (n=133)	40.3	[29.5,52.3]	59.7	[47.7,70.5]	100.0
No (n=1,557)	54.1	[51.0,57.2]	45.9	[42.8,49.0]	100.0
Pearson: Uncorrected chi2(1) =	12.7612				
Design-based F(1.00, 1678.00) =	4.9132	Pr =	0.027		
High ER utilizers					
Yes (n=52)	38.4	[24.5,54.4]	61.6	[45.6,75.5]	100.0
No (n=1,638)	53.1	[49.9,56.2]	46.9	[43.8,50.1]	100.0
Pearson: Uncorrected chi2(1) =	4.5131				
Design-based F(1.00, 1678.00) =	3.1970	Pr =	0.074		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=543)	53.1	[47.8,58.2]	46.9	[41.8,52.2]	100.0
No chronic disease (n=1,147)	52.4	[48.6,56.2]	47.6	[43.8,51.4]	100.0
Pearson: Uncorrected chi2(1) =	0.0557				
Design-based F(1.00, 1678.00) =	0.0377	Pr =	0.846		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=870)	48.5	[44.3,52.6]	51.5	[47.4,55.7]	100.0
No MH/SA (n=820)	56.6	[52.0,61.0]	43.4	[39.0,48.0]	100.0
Pearson: Uncorrected chi2(1) =	11.1167				
Design-based F(1.00, 1678.00) =	6.7029	Pr =	0.010		
Total (n=1,690)	52.6	[49.5,55.7]	47.4	[44.3,50.5]	100.0

4.70.2 HRA behavior- Nutrition/diet

Universe: Respondents who chose to work on a health behavior

	HRA behavior: nutrition				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=671)	58.6	[53.9,63.2]	41.4	[36.8,46.1]	100.0
36-99% (n=582)	55.4	[50.4,60.2]	44.6	[39.8,49.6]	100.0
≥ 100%(n = 437)	56.1	[50.6,61.4]	43.9	[38.6,49.4]	100.0
Pearson: Uncorrected chi2(2) =	1.5572				
Design-based F(1.93, 3239.92) =	0.5826	Pr =	0.553		
Region					
UP/NW/NE (n=299)	58.6	[52.2,64.8]	41.4	[35.2,47.8]	100.0
W/E Central/E (n=581)	54.3	[49.7,58.9]	45.7	[41.1,50.3]	100.0
S Central/SW/SE (n=319)	58.1	[51.4,64.5]	41.9	[35.5,48.6]	100.0
Detroit Metro (n=491)	58.7	[53.1,64.0]	41.3	[36.0,46.9]	100.0
Pearson: Uncorrected chi2(3) =	2.6165				
Design-based F(2.65, 4449.54) =	0.6842	Pr =	0.544		
Low healthcare utilizers					
Yes (n=133)	65.5	[54.9,74.8]	34.5	[25.2,45.1]	100.0
No (n=1,557)	56.2	[53.1,59.3]	43.8	[40.7,46.9]	100.0
Pearson: Uncorrected chi2(1) =	5.9496				
Design-based F(1.00, 1678.00) =	2.7767	Pr =	0.096		
High ER utilizers					
Yes (n=52)	55.5	[38.1,71.6]	44.5	[28.4,61.9]	100.0
No (n=1,638)	57.3	[54.2,60.3]	42.7	[39.7,45.8]	100.0
Pearson: Uncorrected chi2(1) =	0.0724				
Design-based F(1.00, 1678.00) =	0.0425	Pr =	0.837		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=543)	58.1	[52.9,63.0]	41.9	[37.0,47.1]	100.0
No chronic disease (n=1,147)	56.9	[53.2,60.6]	43.1	[39.4,46.8]	100.0
Pearson: Uncorrected chi2(1) =	0.1798				
Design-based F(1.00, 1678.00) =	0.1242	Pr =	0.725		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=870)	51.3	[47.2,55.5]	48.7	[44.5,52.8]	100.0
No MH/SA (n=820)	62.9	[58.5,67.0]	37.1	[33.0,41.5]	100.0
Pearson: Uncorrected chi2(1) =	22.9933				
Design-based F(1.00, 1678.00) =	14.1768	Pr =	0.000		
Total (n=1,690)	57.2	[54.2,60.2]	42.8	[39.8,45.8]	100.0

4.70.3 HRA behavior- Lose weight

Universe: Respondents who chose to work on a health behavior

	HRA behavior: lose weight				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=671)	8.6	[6.4,11.5]	91.4	[88.5,93.6]	100.0
36-99% (n=582)	13.7	[10.8,17.1]	86.3	[82.9,89.2]	100.0
≥ 100%(n = 437)	9.2	[6.7,12.5]	90.8	[87.5,93.3]	100.0
Pearson: Uncorrected chi2(2) =	8.9881				
Design-based F(1.89, 3174.20) =	3.7633	Pr =	0.025		
Region					
UP/NW/NE (n=299)	9.2	[6.1,13.6]	90.8	[86.4,93.9]	100.0
W/E Central/E (n=581)	11.3	[8.8,14.4]	88.7	[85.6,91.2]	100.0
S Central/SW/SE (n=319)	8.5	[5.9,12.0]	91.5	[88.0,94.1]	100.0
Detroit Metro (n=491)	10.0	[7.4,13.6]	90.0	[86.4,92.6]	100.0
Pearson: Uncorrected chi2(3) =	1.8452				
Design-based F(2.68, 4497.52) =	0.5813	Pr =	0.608		
Low healthcare utilizers					
Yes (n=133)	3.6	[1.6,7.8]	96.4	[92.2,98.4]	100.0
No (n=1,557)	10.9	[9.2,12.9]	89.1	[87.1,90.8]	100.0
Pearson: Uncorrected chi2(1) =	9.8837				
Design-based F(1.00, 1678.00) =	8.4166	Pr =	0.004		
High ER utilizers					
Yes (n=52)	16.0	[7.6,30.6]	84.0	[69.4,92.4]	100.0
No (n=1,638)	9.9	[8.3,11.7]	90.1	[88.3,91.7]	100.0
Pearson: Uncorrected chi2(1) =	2.1672				
Design-based F(1.00, 1678.00) =	1.6256	Pr =	0.202		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=543)	13.9	[10.6,18.0]	86.1	[82.0,89.4]	100.0
No chronic disease (n=1,147)	8.6	[6.9,10.6]	91.4	[89.4,93.1]	100.0
Pearson: Uncorrected chi2(1) =	10.7192				
Design-based F(1.00, 1678.00) =	7.6342	Pr =	0.006		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=870)	12.2	[9.7,15.3]	87.8	[84.7,90.3]	100.0
No MH/SA (n=820)	8.0	[6.2,10.2]	92.0	[89.8,93.8]	100.0
Pearson: Uncorrected chi2(1) =	8.3315				
Design-based F(1.00, 1678.00) =	6.2631	Pr =	0.012		
Total (n=1,690)	10.1	[8.5,11.9]	89.9	[88.1,91.5]	100.0

4.70.4 HRA behavior- Reduce/quit tobacco use

Universe: Respondents who chose to work on a health behavior

	HRA behavior: reduce/quit smoking				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=671)	19.6	[16.1,23.6]	80.4	[76.4,83.9]	100.0
36-99% (n=582)	17.9	[14.4,22.0]	82.1	[78.0,85.6]	100.0
≥ 100%(n = 437)	16.1	[12.5,20.4]	83.9	[79.6,87.5]	100.0
Pearson: Uncorrected chi2(2) =	2.1041				
Design-based F(1.93, 3243.79) =	0.8110	Pr =	0.441		
Region					
UP/NW/NE (n=299)	20.6	[15.7,26.6]	79.4	[73.4,84.3]	100.0
W/E Central/E (n=581)	19.8	[16.4,23.6]	80.2	[76.4,83.6]	100.0
S Central/SW/SE (n=319)	15.7	[11.7,20.6]	84.3	[79.4,88.3]	100.0
Detroit Metro (n=491)	18.1	[14.2,22.9]	81.9	[77.1,85.8]	100.0
Pearson: Uncorrected chi2(3) =	2.6528				
Design-based F(2.64, 4432.22) =	0.7124	Pr =	0.527		
Low healthcare utilizers					
Yes (n=133)	20.0	[11.9,31.6]	80.0	[68.4,88.1]	100.0
No (n=1,557)	18.2	[16.0,20.7]	81.8	[79.3,84.0]	100.0
Pearson: Uncorrected chi2(1) =	0.3314				
Design-based F(1.00, 1678.00) =	0.1191	Pr =	0.730		
High ER utilizers					
Yes (n=52)	22.8	[9.9,44.4]	77.2	[55.6,90.1]	100.0
No (n=1,638)	18.3	[16.0,20.8]	81.7	[79.2,84.0]	100.0
Pearson: Uncorrected chi2(1) =	0.7225				
Design-based F(1.00, 1678.00) =	0.3006	Pr =	0.584		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=543)	21.4	[17.6,25.8]	78.6	[74.2,82.4]	100.0
No chronic disease (n=1,147)	17.2	[14.5,20.3]	82.8	[79.7,85.5]	100.0
Pearson: Uncorrected chi2(1) =	4.0255				
Design-based F(1.00, 1678.00) =	2.8347	Pr =	0.092		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=870)	24.9	[21.4,28.9]	75.1	[71.1,78.6]	100.0
No MH/SA (n=820)	12.2	[9.7,15.3]	87.8	[84.7,90.3]	100.0
Pearson: Uncorrected chi2(1) =	45.7286				
Design-based F(1.00, 1678.00) =	28.2220	Pr =	0.000		
Total (n=1,690)	18.4	[16.2,20.9]	81.6	[79.1,83.8]	100.0

4.70.5 HRA behavior- Flu shot

Universe: Respondents who chose to work on a health behavior

	HRA behavior: flu shot				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=671)	0.6	[0.2,1.4]	99.4	[98.6,99.8]	100.0
36-99% (n=582)	1.0	[0.5,2.2]	99.0	[97.8,99.5]	100.0
≥ 100%(n = 437)	1.5	[0.7,3.1]	98.5	[96.9,99.3]	100.0
Pearson: Uncorrected chi2(2) =	2.3192				
Design-based F(1.95, 3280.33) =	1.3474	Pr =	0.260		
Region					
UP/NW/NE (n=299)	2.0	[0.8,5.1]	98.0	[94.9,99.2]	100.0
W/E Central/E (n=581)	1.8	[1.0,3.2]	98.2	[96.8,99.0]	100.0
S Central/SW/SE (n=319)	0.0		100.0		100.0
Detroit Metro (n=491)	0.3	[0.1,1.4]	99.7	[98.6,99.9]	100.0
Pearson: Uncorrected chi2(3) =	12.5410				
Design-based F(2.82, 4727.02) =	4.5226	Pr =	0.004		
Low healthcare utilizers					
Yes (n=133)	0.9	[0.3,2.9]	99.1	[97.1,99.7]	100.0
No (n=1,557)	0.9	[0.5,1.5]	99.1	[98.5,99.5]	100.0
Pearson: Uncorrected chi2(1) =	0.0000				
Design-based F(1.00, 1678.00) =	0.0000	Pr =	0.994		
High ER utilizers					
Yes (n=52)	0.0		100.0		100.0
No (n=1,638)	0.9	[0.6,1.5]	99.1	[98.5,99.4]	100.0
Pearson: Uncorrected chi2(1) =	0.4947				
Design-based F(1.00, 1678.00) =	0.4739	Pr =	0.491		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=543)	0.8	[0.3,2.2]	99.2	[97.8,99.7]	100.0
No chronic disease (n=1,147)	0.9	[0.5,1.6]	99.1	[98.4,99.5]	100.0
Pearson: Uncorrected chi2(1) =	0.0853				
Design-based F(1.00, 1678.00) =	0.0831	Pr =	0.773		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=870)	0.7	[0.3,1.5]	99.3	[98.5,99.7]	100.0
No MH/SA (n=820)	1.1	[0.6,1.9]	98.9	[98.1,99.4]	100.0
Pearson: Uncorrected chi2(1) =	0.7561				
Design-based F(1.00, 1678.00) =	0.8525	Pr =	0.356		
Total (n=1,690)	0.9	[0.5,1.4]	99.1	[98.6,99.5]	100.0

4.70.6 HRA behavior- Reduce/quit alcohol consumption

Universe: Respondents who chose to work on a health behavior

	HRA behavior: reduce/quit drinking				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=671)	4.1	[2.7,6.2]	95.9	[93.8,97.3]	100.0
36-99% (n=582)	3.3	[1.6,6.8]	96.7	[93.2,98.4]	100.0
≥ 100%(n = 437)	2.0	[1.0,3.9]	98.0	[96.1,99.0]	100.0
Pearson: Uncorrected chi2(2) =	3.0883				
Design-based F(1.75, 2936.64) =	1.0431	Pr =	0.345		
Region					
UP/NW/NE (n=299)	2.5	[1.2,5.2]	97.5	[94.8,98.8]	100.0
W/E Central/E (n=581)	3.7	[2.3,5.9]	96.3	[94.1,97.7]	100.0
S Central/SW/SE (n=319)	1.7	[0.8,3.6]	98.3	[96.4,99.2]	100.0
Detroit Metro (n=491)	4.2	[2.4,7.1]	95.8	[92.9,97.6]	100.0
Pearson: Uncorrected chi2(3) =	4.5213				
Design-based F(2.51, 4209.18) =	1.4228	Pr =	0.238		
Low healthcare utilizers					
Yes (n=133)	6.9	[2.7,16.5]	93.1	[83.5,97.3]	100.0
No (n=1,557)	3.0	[2.1,4.2]	97.0	[95.8,97.9]	100.0
Pearson: Uncorrected chi2(1) =	7.6921				
Design-based F(1.00, 1678.00) =	2.9169	Pr =	0.088		
High ER utilizers					
Yes (n=52)	4.1	[1.1,14.0]	95.9	[86.0,98.9]	100.0
No (n=1,638)	3.4	[2.4,4.8]	96.6	[95.2,97.6]	100.0
Pearson: Uncorrected chi2(1) =	0.0809				
Design-based F(1.00, 1678.00) =	0.0806	Pr =	0.777		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=543)	4.1	[2.4,6.9]	95.9	[93.1,97.6]	100.0
No chronic disease (n=1,147)	3.2	[2.1,4.9]	96.8	[95.1,97.9]	100.0
Pearson: Uncorrected chi2(1) =	0.7778				
Design-based F(1.00, 1678.00) =	0.4771	Pr =	0.490		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=870)	6.2	[4.3,8.9]	93.8	[91.1,95.7]	100.0
No MH/SA (n=820)	0.8	[0.4,1.6]	99.2	[98.4,99.6]	100.0
Pearson: Uncorrected chi2(1) =	37.1689				
Design-based F(1.00, 1678.00) =	38.4318	Pr =	0.000		
Total (n=1,690)	3.4	[2.5,4.8]	96.6	[95.2,97.5]	100.0

4.70.7 HRA behavior- Treatment for substance use disorder

Universe: Respondents who chose to work on a health behavior

	HRA behavior: treat substance abuse				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=671)	0.3	[0.1,0.9]	99.7	[99.1,99.9]	100.0
36-99% (n=582)	0.0		100.0		100.0
≥ 100%(n = 437)	0.0		100.0		100.0
Pearson: Uncorrected chi2(2) =	2.2751				
Design-based F(1.56, 2614.98) =	1.9113	Pr =	0.158		
Region					
UP/NW/NE (n=299)	1.1	[0.3,4.4]	98.9	[95.6,99.7]	100.0
W/E Central/E (n=581)	0.2	[0.0,1.4]	99.8	[98.6,100.0]	100.0
S Central/SW/SE (n=319)	0.0		100.0		100.0
Detroit Metro (n=491)	0.0		100.0		100.0
Pearson: Uncorrected chi2(3) =	9.7913				
Design-based F(2.82, 4728.38) =	4.1328	Pr =	0.007		
Low healthcare utilizers					
Yes (n=133)	0.0		100.0		100.0
No (n=1,557)	0.2	[0.1,0.5]	99.8	[99.5,99.9]	100.0
Pearson: Uncorrected chi2(1) =	0.3232				
Design-based F(1.00, 1678.00) =	0.3462	Pr =	0.556		
High ER utilizers					
Yes (n=52)	1.0	[0.1,7.1]	99.0	[92.9,99.9]	100.0
No (n=1,638)	0.1	[0.0,0.5]	99.9	[99.5,100.0]	100.0
Pearson: Uncorrected chi2(1) =	2.7879				
Design-based F(1.00, 1678.00) =	4.2064	Pr =	0.040		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=543)	0.2	[0.0,1.5]	99.8	[98.5,100.0]	100.0
No chronic disease (n=1,147)	0.1	[0.0,0.6]	99.9	[99.4,100.0]	100.0
Pearson: Uncorrected chi2(1) =	0.1310				
Design-based F(1.00, 1678.00) =	0.1392	Pr =	0.709		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=870)	0.3	[0.1,1.0]	99.7	[99.0,99.9]	100.0
No MH/SA (n=820)	0.0		100.0		100.0
Pearson: Uncorrected chi2(1) =	2.6988				
Design-based F(1.00, 1678.00) =	2.9496	Pr =	0.086		
Total (n=1,690)	0.2	[0.0,0.5]	99.8	[99.5,100.0]	100.0

4.70.8 HRA behavior- Take medicine regularly

Universe: Respondents who chose to work on a health behavior

	HRA behavior: take meds regularly				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=671)	2.9	[1.6,5.3]	97.1	[94.7,98.4]	100.0
36-99% (n=582)	1.4	[0.7,2.8]	98.6	[97.2,99.3]	100.0
≥ 100%(n = 437)	1.7	[0.8,3.5]	98.3	[96.5,99.2]	100.0
Pearson: Uncorrected chi2(2) =	3.8904				
Design-based F(1.88, 3162.44) =	1.7845	Pr =	0.170		
Region					
UP/NW/NE (n=299)	1.8	[0.6,5.0]	98.2	[95.0,99.4]	100.0
W/E Central/E (n=581)	2.1	[1.2,3.9]	97.9	[96.1,98.8]	100.0
S Central/SW/SE (n=319)	2.0	[0.9,4.6]	98.0	[95.4,99.1]	100.0
Detroit Metro (n=491)	2.6	[1.2,5.5]	97.4	[94.5,98.8]	100.0
Pearson: Uncorrected chi2(3) =	0.5781				
Design-based F(2.58, 4330.34) =	0.1469	Pr =	0.909		
Low healthcare utilizers					
Yes (n=133)	3.0	[0.8,10.4]	97.0	[89.6,99.2]	100.0
No (n=1,557)	2.2	[1.4,3.5]	97.8	[96.5,98.6]	100.0
Pearson: Uncorrected chi2(1) =	0.5219				
Design-based F(1.00, 1678.00) =	0.2168	Pr =	0.642		
High ER utilizers					
Yes (n=52)	1.2	[0.2,8.4]	98.8	[91.6,99.8]	100.0
No (n=1,638)	2.3	[1.5,3.6]	97.7	[96.4,98.5]	100.0
Pearson: Uncorrected chi2(1) =	0.2663				
Design-based F(1.00, 1678.00) =	0.3801	Pr =	0.538		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=543)	3.4	[1.6,7.0]	96.6	[93.0,98.4]	100.0
No chronic disease (n=1,147)	1.8	[1.1,3.1]	98.2	[96.9,98.9]	100.0
Pearson: Uncorrected chi2(1) =	3.7769				
Design-based F(1.00, 1678.00) =	1.8126	Pr =	0.178		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=870)	3.6	[2.2,6.0]	96.4	[94.0,97.8]	100.0
No MH/SA (n=820)	1.0	[0.4,2.2]	99.0	[97.8,99.6]	100.0
Pearson: Uncorrected chi2(1) =	13.1282				
Design-based F(1.00, 1678.00) =	7.9418	Pr =	0.005		
Total (n=1,690)	2.3	[1.5,3.5]	97.7	[96.5,98.5]	100.0

4.70.9 HRA behavior- Monitor my blood pressure/blood sugar

Universe: Respondents who chose to work on a health behavior

	HRA behavior: monitor bp/blood sugar				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=671)	1.2	[0.6,2.3]	98.8	[97.7,99.4]	100.0
36-99% (n=582)	2.4	[1.4,4.2]	97.6	[95.8,98.6]	100.0
≥ 100%(n = 437)	1.2	[0.6,2.6]	98.8	[97.4,99.4]	100.0
Pearson: Uncorrected chi2(2) =	3.3338				
Design-based F(1.89, 3177.57) =	1.8643	Pr =	0.157		
Region					
UP/NW/NE (n=299)	2.0	[1.0,4.2]	98.0	[95.8,99.0]	100.0
W/E Central/E (n=581)	2.0	[1.1,3.6]	98.0	[96.4,98.9]	100.0
S Central/SW/SE (n=319)	0.8	[0.3,2.3]	99.2	[97.7,99.7]	100.0
Detroit Metro (n=491)	1.4	[0.7,2.8]	98.6	[97.2,99.3]	100.0
Pearson: Uncorrected chi2(3) =	2.0096				
Design-based F(2.68, 4491.45) =	0.8445	Pr =	0.458		
Low healthcare utilizers					
Yes (n=133)	0.2	[0.0,1.2]	99.8	[98.8,100.0]	100.0
No (n=1,557)	1.7	[1.1,2.5]	98.3	[97.5,98.9]	100.0
Pearson: Uncorrected chi2(1) =	2.5747				
Design-based F(1.00, 1678.00) =	7.6228	Pr =	0.006		
High ER utilizers					
Yes (n=52)	0.0		100.0		100.0
No (n=1,638)	1.6	[1.1,2.3]	98.4	[97.7,98.9]	100.0
Pearson: Uncorrected chi2(1) =	0.8594				
Design-based F(1.00, 1678.00) =	0.7033	Pr =	0.402		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=543)	2.9	[1.6,5.0]	97.1	[95.0,98.4]	100.0
No chronic disease (n=1,147)	1.0	[0.6,1.7]	99.0	[98.3,99.4]	100.0
Pearson: Uncorrected chi2(1) =	8.1016				
Design-based F(1.00, 1678.00) =	8.1149	Pr =	0.004		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=870)	1.7	[1.0,2.9]	98.3	[97.1,99.0]	100.0
No MH/SA (n=820)	1.4	[0.8,2.4]	98.6	[97.6,99.2]	100.0
Pearson: Uncorrected chi2(1) =	0.2489				
Design-based F(1.00, 1678.00) =	0.2471	Pr =	0.619		
Total (n=1,690)	1.5	[1.0,2.2]	98.5	[97.8,99.0]	100.0

4.70.10 HRA behavior- Go to the dentist

Universe: Respondents who chose to work on a health behavior

	HRA behavior: go to dentist				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=671)	0.5	[0.1,1.9]	99.5	[98.1,99.9]	100.0
36-99% (n=582)	0.6	[0.2,1.6]	99.4	[98.4,99.8]	100.0
≥ 100%(n = 437)	0.1	[0.0,0.8]	99.9	[99.2,100.0]	100.0
Pearson: Uncorrected chi2(2) =	1.0568				
Design-based F(1.58, 2647.09) =	0.6239	Pr =	0.499		
Region					
UP/NW/NE (n=299)	0.3	[0.0,2.2]	99.7	[97.8,100.0]	100.0
W/E Central/E (n=581)	0.9	[0.3,2.8]	99.1	[97.2,99.7]	100.0
S Central/SW/SE (n=319)	0.1	[0.0,0.9]	99.9	[99.1,100.0]	100.0
Detroit Metro (n=491)	0.3	[0.0,1.8]	99.7	[98.2,100.0]	100.0
Pearson: Uncorrected chi2(3) =	3.6133				
Design-based F(2.08, 3489.08) =	1.2837	Pr =	0.278		
Low healthcare utilizers					
Yes (n=133)	0.0		100.0		100.0
No (n=1,557)	0.5	[0.2,1.2]	99.5	[98.8,99.8]	100.0
Pearson: Uncorrected chi2(1) =	0.9124				
Design-based F(1.00, 1678.00) =	0.5719	Pr =	0.450		
High ER utilizers					
Yes (n=52)	0.0		100.0		100.0
No (n=1,638)	0.4	[0.2,1.1]	99.6	[98.9,99.8]	100.0
Pearson: Uncorrected chi2(1) =	0.2395				
Design-based F(1.00, 1678.00) =	0.1522	Pr =	0.697		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=543)	0.4	[0.1,2.7]	99.6	[97.3,99.9]	100.0
No chronic disease (n=1,147)	0.4	[0.2,1.2]	99.6	[98.8,99.8]	100.0
Pearson: Uncorrected chi2(1) =	0.0202				
Design-based F(1.00, 1678.00) =	0.0114	Pr =	0.915		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=870)	0.4	[0.1,1.8]	99.6	[98.2,99.9]	100.0
No MH/SA (n=820)	0.5	[0.2,1.3]	99.5	[98.7,99.8]	100.0
Pearson: Uncorrected chi2(1) =	0.0550				
Design-based F(1.00, 1678.00) =	0.0332	Pr =	0.855		
Total (n=1,690)	0.4	[0.2,1.1]	99.6	[98.9,99.8]	100.0

4.70.11 HRA behavior- Follow up appointment for chronic disease

Universe: Respondents who chose to work on a health behavior

	HRA behavior: follow up appt				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=671)	0.8	[0.4,1.9]	99.2	[98.1,99.6]	100.0
36-99% (n=582)	0.5	[0.2,1.5]	99.5	[98.5,99.8]	100.0
≥ 100%(n = 437)	0.0		100.0		100.0
Pearson: Uncorrected chi2(2) =	2.9352				
Design-based F(1.79, 3008.18) =	1.4713	Pr =	0.231		
Region					
UP/NW/NE (n=299)	1.6	[0.5,5.0]	98.4	[95.0,99.5]	100.0
W/E Central/E (n=581)	0.5	[0.2,1.6]	99.5	[98.4,99.8]	100.0
S Central/SW/SE (n=319)	0.3	[0.1,1.3]	99.7	[98.7,99.9]	100.0
Detroit Metro (n=491)	0.6	[0.2,2.0]	99.4	[98.0,99.8]	100.0
Pearson: Uncorrected chi2(3) =	2.9984				
Design-based F(2.67, 4477.21) =	1.0763	Pr =	0.353		
Low healthcare utilizers					
Yes (n=133)	0.6	[0.1,4.2]	99.4	[95.8,99.9]	100.0
No (n=1,557)	0.6	[0.3,1.2]	99.4	[98.8,99.7]	100.0
Pearson: Uncorrected chi2(1) =	0.0013				
Design-based F(1.00, 1678.00) =	0.0011	Pr =	0.974		
High ER utilizers					
Yes (n=52)	0.0		100.0		100.0
No (n=1,638)	0.6	[0.3,1.2]	99.4	[98.8,99.7]	100.0
Pearson: Uncorrected chi2(1) =	0.3279				
Design-based F(1.00, 1678.00) =	0.2624	Pr =	0.609		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=543)	0.8	[0.2,2.9]	99.2	[97.1,99.8]	100.0
No chronic disease (n=1,147)	0.5	[0.2,1.0]	99.5	[99.0,99.8]	100.0
Pearson: Uncorrected chi2(1) =	0.5760				
Design-based F(1.00, 1678.00) =	0.4226	Pr =	0.516		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=870)	1.1	[0.5,2.2]	98.9	[97.8,99.5]	100.0
No MH/SA (n=820)	0.1	[0.0,0.7]	99.9	[99.3,100.0]	100.0
Pearson: Uncorrected chi2(1) =	7.3906				
Design-based F(1.00, 1678.00) =	8.8370	Pr =	0.003		
Total (n=1,690)	0.6	[0.3,1.1]	99.4	[98.9,99.7]	100.0

4.70.12 HRA behavior- Other

Universe: Respondents who chose to work on a health behavior

	HRA behavior: other response-record				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=671)	5.9	[4.2,8.3]	94.1	[91.7,95.8]	100.0
36-99% (n=582)	5.1	[3.5,7.3]	94.9	[92.7,96.5]	100.0
≥ 100%(n = 437)	4.6	[2.9,7.3]	95.4	[92.7,97.1]	100.0
Pearson: Uncorrected chi2(2) =	1.0148				
Design-based F(1.95, 3276.74) =	0.4841	Pr =	0.612		
Region					
UP/NW/NE (n=299)	3.0	[1.6,5.5]	97.0	[94.5,98.4]	100.0
W/E Central/E (n=581)	6.4	[4.5,9.1]	93.6	[90.9,95.5]	100.0
S Central/SW/SE (n=319)	6.3	[4.0,9.7]	93.7	[90.3,96.0]	100.0
Detroit Metro (n=491)	4.9	[3.2,7.5]	95.1	[92.5,96.8]	100.0
Pearson: Uncorrected chi2(3) =	3.4938				
Design-based F(2.58, 4321.68) =	1.1486	Pr =	0.325		
Low healthcare utilizers					
Yes (n=133)	2.4	[0.6,9.1]	97.6	[90.9,99.4]	100.0
No (n=1,557)	5.8	[4.6,7.3]	94.2	[92.7,95.4]	100.0
Pearson: Uncorrected chi2(1) =	3.9249				
Design-based F(1.00, 1678.00) =	1.7491	Pr =	0.186		
High ER utilizers					
Yes (n=52)	8.0	[2.9,20.2]	92.0	[79.8,97.1]	100.0
No (n=1,638)	5.4	[4.2,6.8]	94.6	[93.2,95.8]	100.0
Pearson: Uncorrected chi2(1) =	0.7315				
Design-based F(1.00, 1678.00) =	0.6218	Pr =	0.430		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=543)	5.9	[3.9,8.8]	94.1	[91.2,96.1]	100.0
No chronic disease (n=1,147)	5.3	[4.0,6.9]	94.7	[93.1,96.0]	100.0
Pearson: Uncorrected chi2(1) =	0.2441				
Design-based F(1.00, 1678.00) =	0.1860	Pr =	0.666		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=870)	7.4	[5.6,9.8]	92.6	[90.2,94.4]	100.0
No MH/SA (n=820)	3.6	[2.4,5.2]	96.4	[94.8,97.6]	100.0
Pearson: Uncorrected chi2(1) =	12.1594				
Design-based F(1.00, 1678.00) =	9.5941	Pr =	0.002		
Total (n=1,690)	5.4	[4.3,6.8]	94.6	[93.2,95.7]	100.0

4.70.13 HRA behavior- Don't know

Universe: Respondents who chose to work on a health behavior

HRA behavior: don't know	No.
Yes	1180.3
No	150563.8
Total	151744.1

4.70.14 HRA behavior- Refused

Universe: Respondents who chose to work on a health behavior

HRA behavior: refused		No.
Yes		78.1
No		151666.0
Total		151744.1

4.71 Q: Did your health care provider or health plan help you work on this healthy behavior?

Universe: Respondents who chose to work on a health behavior

	Did provider/health plan help with goal?								Total Row%
	Yes		No		NA		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category									
0-35% (n=664)	63.2	[58.4,67.9]	25.0	[20.8,29.8]	11.0	[8.5,14.1]	0.7	[0.3,1.8]	100.0
36-99% (n=579)	60.1	[55.0,65.1]	26.7	[22.3,31.7]	13.0	[9.6,17.4]	0.1	[0.0,0.8]	100.0
≥ 100% (n = 434)	58.0	[52.5,63.3]	29.1	[24.2,34.6]	12.7	[9.6,16.7]	0.2	[0.0,1.4]	100.0
Pearson: Uncorrected chi2(6) =	6.9767								
Design-based F(5.26, 8755.50) =	0.9730	Pr =	0.435						
Region									
UP/NW/NE (n=296)	70.3	[63.9,76.0]	19.6	[14.8,25.5]	10.1	[6.8,14.8]	0.0		100.0
W/E Central/E (n=578)	62.2	[57.6,66.6]	26.3	[22.3,30.7]	11.1	[8.6,14.1]	0.5	[0.2,1.5]	100.0
S Central/SW/SE (n=314)	60.0	[52.9,66.7]	27.0	[20.8,34.3]	12.8	[9.1,17.7]	0.2	[0.0,1.3]	100.0
Detroit Metro (n=489)	59.5	[53.9,64.9]	27.4	[22.5,32.9]	12.5	[9.3,16.6]	0.6	[0.2,2.0]	100.0
Pearson: Uncorrected chi2(9) =	8.0899								
Design-based F(7.66, 12760.92) =	0.7468	Pr =	0.644						
Low healthcare utilizers									
Yes (n=130)	54.3	[42.4,65.7]	32.9	[22.8,44.8]	12.9	[7.8,20.5]	0.0		100.0
No (n=1,547)	62.2	[59.0,65.3]	25.5	[22.7,28.6]	11.8	[9.9,14.0]	0.5	[0.2,1.1]	100.0
Pearson: Uncorrected chi2(3) =	6.1456								
Design-based F(2.73, 4538.62) =	1.0783	Pr =	0.354						
High ER utilizers									
Yes (n=52)	71.7	[51.4,85.9]	21.6	[8.8,44.3]	6.6	[2.6,15.7]	0.0		100.0
No (n=1,625)	61.0	[57.8,64.1]	26.5	[23.6,29.5]	12.1	[10.2,14.2]	0.5	[0.2,1.0]	100.0
Pearson: Uncorrected chi2(3) =	2.9919								
Design-based F(2.40, 3993.00) =	0.6301	Pr =	0.561						
Chronic disease (HEDIS)									
Chronic disease (HEDIS) (n=538)	71.8	[66.9,76.3]	20.3	[16.2,25.0]	7.1	[5.1,9.7]	0.9	[0.3,2.6]	100.0
No chronic disease (n=1,139)	57.2	[53.4,61.0]	28.7	[25.2,32.4]	13.8	[11.5,16.6]	0.3	[0.1,0.9]	100.0
Pearson: Uncorrected chi2(3) =	36.6689								
Design-based F(2.92, 4870.09) =	9.2955	Pr =	0.000						
Mental health/substance use disorder (HEDIS)									
MH/SA (HEDIS) (n=861)	64.4	[60.1,68.4]	24.7	[21.0,28.7]	10.5	[8.1,13.4]	0.5	[0.2,1.4]	100.0
No MH/SA (n=816)	58.5	[53.9,62.9]	27.9	[23.8,32.3]	13.3	[10.7,16.4]	0.4	[0.1,1.4]	100.0
Pearson: Uncorrected chi2(3) =	6.9164								
Design-based F(2.94, 4887.84) =	1.4617	Pr =	0.224						
Total (n=1,677)	61.3	[58.2,64.4]	26.3	[23.5,29.3]	11.9	[10.1,14.0]	0.4	[0.2,1.0]	100.0

4.72 Q: Was there help that you wanted that you didn't get?

Universe: Respondents who chose to work on a health behavior

	Was there help you didn't get?									
	Yes		No		NA		Don't know		Total	
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI
FPL category										
0-35% (n=580)	9.0	[6.8,11.8]	88.5	[85.1,91.2]	1.4	[0.5,3.5]	1.2	[0.4,3.6]	100.0	
36-99% (n=511)	5.7	[4.0,8.0]	93.1	[90.6,95.0]	0.6	[0.2,1.6]	0.6	[0.2,2.0]	100.0	
≥ 100% (n = 379)	8.4	[5.8,12.0]	90.1	[86.1,93.0]	1.4	[0.4,4.3]	0.2	[0.0,1.2]	100.0	
Pearson: Uncorrected chi2(6) =	8.8200									
Design-based F(5.21, 7595.84) =	1.3717		Pr =	0.229						
Region										
UP/NW/NE (n=267)	9.1	[5.6,14.4]	89.6	[84.2,93.3]	1.3	[0.4,3.8]	0.0		100.0	
W/E Central/E (n=506)	10.0	[7.5,13.2]	88.4	[85.0,91.1]	1.1	[0.5,2.3]	0.6	[0.1,2.6]	100.0	
S Central/SW/SE (n=275)	10.5	[6.9,15.6]	87.5	[82.3,91.3]	1.4	[0.6,3.4]	0.6	[0.2,2.0]	100.0	
Detroit Metro (n=422)	5.3	[3.4,8.0]	92.3	[88.6,94.9]	1.1	[0.2,4.7]	1.3	[0.4,4.3]	100.0	
Pearson: Uncorrected chi2(9) =	14.2347									
Design-based F(6.61, 9643.27) =	1.1262		Pr =	0.343						
Low healthcare utilizers										
Yes (n=109)	3.5	[1.4,8.5]	96.2	[91.3,98.4]	0.0		0.3	[0.0,1.9]	100.0	
No (n=1,361)	8.5	[7.0,10.4]	89.3	[87.1,91.1]	1.3	[0.7,2.5]	0.9	[0.4,2.2]	100.0	
Pearson: Uncorrected chi2(3) =	8.0587									
Design-based F(2.40, 3503.55) =	2.0994		Pr =	0.112						
High ER utilizers										
Yes (n=47)	2.1	[0.5,9.0]	96.2	[87.6,98.9]	1.8	[0.2,11.7]	0.0		100.0	
No (n=1,423)	8.2	[6.7,9.9]	89.8	[87.8,91.6]	1.1	[0.6,2.3]	0.9	[0.4,2.1]	100.0	
Pearson: Uncorrected chi2(3) =	3.0867									
Design-based F(2.28, 3322.27) =	0.7856		Pr =	0.471						
Chronic disease (HEDIS)										
Chronic disease (HEDIS) (n=491)	9.5	[6.9,13.1]	90.2	[86.7,92.9]	0.2	[0.0,1.0]	0.0		100.0	
No chronic disease (n=979)	7.3	[5.7,9.3]	90.0	[87.4,92.0]	1.6	[0.8,3.1]	1.2	[0.5,2.8]	100.0	
Pearson: Uncorrected chi2(3) =	11.7989									
Design-based F(2.39, 3488.42) =	2.6888		Pr =	0.058						
Mental health/substance use disorder (HEDIS)										
MH/SA (HEDIS) (n=766)	10.9	[8.5,13.8]	87.4	[84.3,90.0]	0.8	[0.4,1.5]	0.9	[0.2,3.4]	100.0	
No MH/SA (n=704)	5.1	[3.7,7.1]	92.6	[89.9,94.6]	1.5	[0.6,3.9]	0.8	[0.2,2.3]	100.0	
Pearson: Uncorrected chi2(3) =	17.8860									
Design-based F(2.69, 3926.03) =	3.6371		Pr =	0.016						
Total (n=1,470)	8.0	[6.6,9.7]	90.0	[88.0,91.7]	1.2	[0.6,2.3]	0.8	[0.3,2.0]	100.0	

NA

4.73 Q: How often do you get together socially with friends or relatives who live outside your home?

Universe: All respondents

	Social connections												Total Row%
	Every day		Every few days		Every week		Every month		Once a year or less		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category													
0-35% (n=1,596)	14.3	[12.3,16.7]	21.7	[19.3,24.3]	27.8	[25.0,30.7]	22.4	[19.9,25.1]	13.1	[11.2,15.3]	0.7	[0.4,1.3]	100.0
36-99% (n=1,444)	14.4	[12.3,16.8]	25.3	[22.7,28.1]	31.5	[28.6,34.5]	18.9	[16.8,21.3]	9.2	[7.5,11.3]	0.7	[0.4,1.2]	100.0
≥ 100% (n = 1, 036)	12.7	[10.4,15.4]	26.4	[23.4,29.7]	32.9	[29.6,36.4]	20.3	[17.7,23.3]	7.4	[5.7,9.4]	0.4	[0.2,0.9]	100.0
Pearson: Uncorrected chi2(10) =	42.4992												
Design-based F(9.34, 37970.89) =	3.3986		Pr =	0.000									
Region													
UP/NW/NE (n=744)	14.1	[11.3,17.5]	28.2	[24.7,32.0]	29.1	[25.5,32.9]	17.0	[14.2,20.3]	10.7	[8.3,13.6]	1.0	[0.4,2.3]	100.0
W/E Central/E (n=1,261)	14.9	[12.7,17.5]	24.2	[21.6,27.0]	28.9	[26.1,31.9]	21.4	[18.9,24.1]	9.8	[8.1,11.8]	0.7	[0.3,1.4]	100.0
S Central/SW/SE (n=835)	11.0	[8.8,13.8]	26.6	[23.2,30.3]	30.4	[26.6,34.5]	20.2	[17.3,23.6]	10.9	[8.5,13.9]	0.8	[0.4,1.8]	100.0
Detroit Metro (n=1,236)	14.6	[12.3,17.3]	21.1	[18.4,24.1]	30.4	[27.3,33.7]	21.9	[19.1,24.9]	11.5	[9.5,14.0]	0.4	[0.2,1.0]	100.0
Pearson: Uncorrected chi2(15) =	25.3626												
Design-based F(13.47, 54746.97) =	1.3666		Pr =	0.163									
Low healthcare utilizers													
Yes (n=488)	19.9	[15.6,25.1]	26.1	[21.6,31.3]	27.4	[22.3,33.2]	15.8	[12.1,20.4]	10.4	[7.2,14.7]	0.4	[0.1,1.7]	100.0
No (n=3,588)	13.0	[11.6,14.4]	23.2	[21.5,25.0]	30.3	[28.4,32.2]	21.9	[20.3,23.7]	10.9	[9.7,12.3]	0.7	[0.4,1.0]	100.0
Pearson: Uncorrected chi2(5) =	31.4358												
Design-based F(4.82, 19585.16) =	3.2127		Pr =	0.007									
High ER utilizers													
Yes (n=155)	16.4	[10.2,25.2]	26.0	[17.8,36.3]	24.2	[17.1,33.1]	22.4	[14.4,33.0]	9.6	[5.8,15.4]	1.5	[0.3,7.1]	100.0
No (n=3,921)	13.9	[12.5,15.4]	23.5	[21.9,25.3]	30.1	[28.3,32.0]	20.9	[19.4,22.6]	10.9	[9.7,12.3]	0.6	[0.4,0.9]	100.0
Pearson: Uncorrected chi2(5) =	5.7735												
Design-based F(4.79, 19447.97) =	0.6469		Pr =	0.657									
Chronic disease (HEDIS)													
Chronic disease (HEDIS) (n=1,157)	13.3	[10.9,16.0]	19.5	[16.8,22.4]	28.5	[25.3,31.8]	25.4	[22.4,28.7]	12.5	[10.3,15.1]	0.9	[0.4,1.7]	100.0
No chronic disease (n=2,919)	14.3	[12.7,16.0]	25.1	[23.1,27.1]	30.3	[28.2,32.5]	19.5	[17.7,21.4]	10.3	[8.9,11.9]	0.6	[0.3,0.9]	100.0
Pearson: Uncorrected chi2(5) =	28.7484												
Design-based F(4.95, 20135.51) =	4.0330		Pr =	0.001									
Mental health/substance use disorder (HEDIS)													
MH/SA (HEDIS) (n=2,027)	11.4	[9.7,13.3]	21.2	[19.1,23.6]	28.5	[26.1,31.1]	24.0	[21.7,26.4]	13.9	[12.0,16.0]	1.0	[0.6,1.6]	100.0
No MH/SA (n=2,049)	16.5	[14.5,18.7]	25.9	[23.6,28.4]	31.1	[28.5,33.8]	18.2	[16.2,20.4]	8.0	[6.6,9.7]	0.3	[0.1,0.7]	100.0
Pearson: Uncorrected chi2(5) =	86.3350												
Design-based F(4.95, 20128.88) =	10.9211		Pr =	0.000									
Total (n=4,076)	14.0	[12.7,15.5]	23.7	[22.0,25.3]	29.9	[28.1,31.7]	21.0	[19.4,22.6]	10.9	[9.7,12.2]	0.6	[0.4,1.0]	100.0

4.74 Q: Since enrolling in the Healthy Michigan Plan, are you involved with your family, friends or community more/less/about the same?

Universe: All respondents

	Social connection more/less								Total Row%	
	More		Less		About the same		Don't know			
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI		
FPL category										
0-35% (n=1,595)	16.1	[14.0,18.5]	5.9	[4.6,7.5]	77.1	[74.4,79.6]	0.9	[0.5,1.9]	100.0	
36-99% (n=1,446)	14.8	[12.6,17.3]	3.1	[2.3,4.3]	81.6	[79.0,83.9]	0.5	[0.2,1.1]	100.0	
≥ 100% (n = 1,036)	12.9	[10.6,15.6]	2.5	[1.7,3.7]	84.5	[81.8,87.0]	0.1	[0.0,0.4]	100.0	
Pearson: Uncorrected chi2(6) =	37.0867									
Design-based F(5.39, 21920.81) =	5.5033		Pr =	0.000						
Region										
UP/NW/NE (n=743)	14.2	[11.5,17.3]	4.9	[3.4,6.9]	80.7	[77.3,83.7]	0.2	[0.1,0.8]	100.0	
W/E Central/E (n=1,262)	14.8	[12.6,17.2]	4.1	[3.0,5.5]	80.1	[77.4,82.6]	1.0	[0.4,2.6]	100.0	
S Central/SW/SE (n=836)	15.9	[13.0,19.2]	3.5	[2.4,5.0]	80.3	[76.8,83.4]	0.4	[0.1,1.3]	100.0	
Detroit Metro (n=1,236)	15.2	[12.8,17.9]	5.0	[3.6,6.8]	79.3	[76.3,82.0]	0.6	[0.3,1.3]	100.0	
Pearson: Uncorrected chi2(9) =	8.3643									
Design-based F(7.39, 30023.68) =	0.7344		Pr =	0.650						
Low healthcare utilizers										
Yes (n=488)	8.2	[5.4,12.3]	1.1	[0.3,4.0]	89.9	[85.4,93.1]	0.8	[0.2,3.2]	100.0	
No (n=3,589)	16.3	[14.8,18.0]	5.0	[4.2,6.0]	78.0	[76.2,79.7]	0.6	[0.3,1.1]	100.0	
Pearson: Uncorrected chi2(3) =	50.1661									
Design-based F(2.98, 12104.29) =	6.4674		Pr =	0.000						
High ER utilizers										
Yes (n=155)	19.5	[13.6,27.3]	3.1	[1.2,7.5]	74.3	[65.6,81.3]	3.1	[1.0,9.3]	100.0	
No (n=3,922)	14.9	[13.5,16.4]	4.5	[3.7,5.4]	80.1	[78.4,81.7]	0.5	[0.3,1.0]	100.0	
Pearson: Uncorrected chi2(3) =	22.1235									
Design-based F(2.88, 11711.66) =	4.7551		Pr =	0.003						
Chronic disease (HEDIS)										
Chronic disease (HEDIS) (n=1,158)	15.0	[12.6,17.6]	6.8	[5.2,8.9]	77.8	[74.8,80.7]	0.4	[0.1,1.0]	100.0	
No chronic disease (n=2,919)	15.2	[13.5,17.0]	3.6	[2.8,4.6]	80.5	[78.5,82.3]	0.7	[0.4,1.4]	100.0	
Pearson: Uncorrected chi2(3) =	19.7952									
Design-based F(2.97, 12059.58) =	4.6406		Pr =	0.003						
Mental health/substance use disorder (HEDIS)										
MH/SA (HEDIS) (n=2,029)	18.4	[16.3,20.7]	6.9	[5.5,8.5]	73.8	[71.2,76.3]	0.9	[0.5,1.9]	100.0	
No MH/SA (n=2,048)	12.0	[10.3,14.0]	2.1	[1.5,3.0]	85.5	[83.4,87.3]	0.4	[0.1,0.8]	100.0	
Pearson: Uncorrected chi2(3) =	101.0280									
Design-based F(2.98, 12120.96) =	20.3804		Pr =	0.000						
Total (n=4,077)	15.1	[13.7,16.6]	4.4	[3.7,5.3]	79.8	[78.2,81.4]	0.6	[0.4,1.1]	100.0	

5 AIM 3: To understand enrollee decisions about when, where and how to seek care, including decisions about emergency department utilization

5.1 Q: In the last 12 months, was there a time when you needed help or advice when your usual clinic or doctor's office was closed?

Universe: All respondents

	Yes		Needed help when office closed				Total Row%
	Row%	95%CI	No Row%	95%CI	Don't know Row%	95%CI	
FPL category							
0-35% (n=1,584)	22.3	[19.9,24.8]	77.4	[74.8,79.7]	0.3	[0.2,0.8]	100.0
36-99% (n=1,442)	21.2	[18.8,23.8]	78.1	[75.4,80.6]	0.7	[0.2,2.4]	100.0
≥ 100% (n = 1,037)	22.2	[19.4,25.3]	77.5	[74.4,80.3]	0.3	[0.1,0.9]	100.0
Pearson: Uncorrected chi2(4) =	3.2862						
Design-based F(3.52, 14279.57) =	0.5817	Pr =	0.654				
Region							
UP/NW/NE (n=742)	21.1	[17.9,24.6]	78.5	[75.0,81.7]	0.4	[0.1,2.0]	100.0
W/E Central/E (n=1,257)	24.5	[21.9,27.4]	74.7	[71.9,77.4]	0.7	[0.4,1.5]	100.0
S Central/SW/SE (n=832)	22.8	[19.6,26.2]	77.2	[73.7,80.3]	0.1	[0.0,0.5]	100.0
Detroit Metro (n=1,232)	20.1	[17.6,22.9]	79.4	[76.6,82.0]	0.4	[0.1,1.6]	100.0
Pearson: Uncorrected chi2(6) =	13.0160						
Design-based F(4.84, 19604.29) =	1.7086	Pr =	0.131				
Low healthcare utilizers							
Yes (n=476)	10.0	[7.2,13.7]	88.9	[84.9,92.0]	1.1	[0.3,4.6]	100.0
No (n=3,587)	24.1	[22.4,25.8]	75.6	[73.8,77.3]	0.3	[0.2,0.6]	100.0
Pearson: Uncorrected chi2(2) =	65.6325						
Design-based F(1.92, 7791.77) =	14.6243	Pr =	0.000				
High ER utilizers							
Yes (n=152)	37.4	[28.8,47.0]	61.9	[52.3,70.6]	0.7	[0.1,4.7]	100.0
No (n=3,911)	21.3	[19.7,22.9]	78.3	[76.7,79.9]	0.4	[0.2,0.9]	100.0
Pearson: Uncorrected chi2(2) =	26.3996						
Design-based F(1.96, 7956.39) =	8.9983	Pr =	0.000				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,157)	28.1	[25.0,31.3]	71.4	[68.1,74.5]	0.5	[0.2,1.3]	100.0
No chronic disease (n=2,906)	19.9	[18.2,21.8]	79.7	[77.8,81.4]	0.4	[0.2,1.0]	100.0
Pearson: Uncorrected chi2(2) =	30.1661						
Design-based F(2.00, 8094.40) =	10.3802	Pr =	0.000				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,024)	29.9	[27.4,32.4]	69.6	[67.0,72.0]	0.6	[0.2,1.4]	100.0
No MH/SA (n=2,039)	14.5	[12.8,16.5]	85.1	[83.2,86.9]	0.3	[0.1,0.8]	100.0
Pearson: Uncorrected chi2(2) =	141.5344						
Design-based F(1.99, 8060.12) =	43.3910	Pr =	0.000				
Total (n=4,063)	22.0	[20.4,23.6]	77.6	[76.0,79.1]	0.4	[0.2,0.9]	100.0

5.2 Q: In the most recent case, did you try to contact your provider's office after it was closed to get help or advice?

Universe: Respondents who needed help when usual clinic or doctor's office was closed

	Tried to contact office when closed						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=378)	44.5	[38.6,50.6]	54.8	[48.8,60.8]	0.6	[0.2,2.4]	100.0
36-99% (n=306)	50.2	[43.5,56.9]	49.8	[43.1,56.5]	0.0		100.0
≥ 100%(n = 232)	47.8	[40.4,55.3]	51.2	[43.7,58.7]	1.0	[0.1,6.5]	100.0
Pearson: Uncorrected chi2(4) =	4.1658						
Design-based F(3.91, 3533.97) =	0.7188	Pr =	0.576				
Region							
UP/NW/NE (n=159)	36.0	[28.2,44.6]	64.0	[55.4,71.8]	0.0		100.0
W/E Central/E (n=307)	45.2	[38.9,51.6]	54.2	[47.8,60.5]	0.6	[0.1,4.1]	100.0
S Central/SW/SE (n=198)	47.8	[39.7,56.0]	52.2	[44.0,60.3]	0.0		100.0
Detroit Metro (n=252)	49.9	[42.6,57.1]	49.3	[42.1,56.7]	0.8	[0.2,3.2]	100.0
Pearson: Uncorrected chi2(6) =	7.7095						
Design-based F(4.88, 4409.15) =	1.0957	Pr =	0.360				
Low healthcare utilizers							
Yes (n=53)	36.6	[22.7,53.1]	63.4	[46.9,77.3]	0.0		100.0
No (n=863)	47.5	[43.4,51.6]	52.0	[47.9,56.0]	0.5	[0.2,1.7]	100.0
Pearson: Uncorrected chi2(2) =	3.2867						
Design-based F(2.00, 1804.01) =	1.0045	Pr =	0.366				
High ER utilizers							
Yes (n=70)	64.7	[50.4,76.8]	35.3	[23.2,49.6]	0.0		100.0
No (n=846)	45.3	[41.2,49.5]	54.1	[50.0,58.3]	0.6	[0.2,1.7]	100.0
Pearson: Uncorrected chi2(2) =	9.7194						
Design-based F(1.99, 1802.96) =	3.2718	Pr =	0.038				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=317)	45.8	[39.3,52.3]	53.7	[47.2,60.2]	0.5	[0.1,3.5]	100.0
No chronic disease (n=599)	47.2	[42.3,52.2]	52.3	[47.3,57.2]	0.5	[0.1,2.0]	100.0
Pearson: Uncorrected chi2(2) =	0.1760						
Design-based F(2.00, 1804.58) =	0.0597	Pr =	0.942				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=607)	50.5	[45.6,55.4]	49.0	[44.1,53.9]	0.5	[0.1,1.9]	100.0
No MH/SA (n=309)	39.5	[33.3,46.2]	59.9	[53.3,66.2]	0.6	[0.1,3.9]	100.0
Pearson: Uncorrected chi2(2) =	9.9733						
Design-based F(1.99, 1801.66) =	3.2300	Pr =	0.040				
Total (n=916)	46.8	[42.8,50.7]	52.7	[48.7,56.7]	0.5	[0.2,1.6]	100.0

5.3 Q: Were you able to talk to someone?

Universe: Respondents who tried to contact provider's office after it was closed

	Were you able to talk to someone?						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=172)	58.3	[49.2,66.9]	40.8	[32.2,50.0]	0.9	[0.1,6.3]	100.0
36-99% (n=153)	52.1	[42.3,61.7]	47.9	[38.3,57.7]	0.0		100.0
≥ 100% (n = 103)	58.6	[46.7,69.7]	41.4	[30.3,53.3]	0.0		100.0
Pearson: Uncorrected chi2(4) =	3.5968						
Design-based F(3.30, 1370.74) =	0.6971	Pr =	0.567				
Region							
UP/NW/NE (n=62)	52.9	[38.8,66.5]	47.1	[33.5,61.2]	0.0		100.0
W/E Central/E (n=142)	64.5	[55.0,73.0]	35.5	[27.0,45.0]	0.0		100.0
S Central/SW/SE (n=96)	55.0	[43.3,66.1]	45.0	[33.9,56.7]	0.0		100.0
Detroit Metro (n=128)	52.1	[41.8,62.2]	46.8	[36.8,57.1]	1.1	[0.1,7.3]	100.0
Pearson: Uncorrected chi2(6) =	7.3159						
Design-based F(4.09, 1701.39) =	1.2326	Pr =	0.295				
Low healthcare utilizers							
Yes (n=21)	45.4	[23.4,69.4]	54.6	[30.6,76.6]	0.0		100.0
No (n=407)	57.2	[51.1,63.0]	42.4	[36.6,48.4]	0.5	[0.1,3.4]	100.0
Pearson: Uncorrected chi2(2) =	1.3858						
Design-based F(1.96, 816.45) =	0.4086	Pr =	0.661				
High ER utilizers							
Yes (n=49)	60.0	[44.4,73.7]	40.0	[26.3,55.6]	0.0		100.0
No (n=379)	56.1	[49.8,62.3]	43.4	[37.2,49.7]	0.5	[0.1,3.6]	100.0
Pearson: Uncorrected chi2(2) =	0.4300						
Design-based F(1.88, 780.55) =	0.1401	Pr =	0.857				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=155)	62.9	[53.8,71.1]	37.1	[28.9,46.2]	0.0		100.0
No chronic disease (n=273)	53.6	[46.2,60.8]	45.7	[38.5,53.1]	0.7	[0.1,4.6]	100.0
Pearson: Uncorrected chi2(2) =	3.8894						
Design-based F(1.92, 798.18) =	1.2069	Pr =	0.299				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=294)	55.6	[48.5,62.6]	43.7	[36.8,50.9]	0.6	[0.1,4.5]	100.0
No MH/SA (n=134)	58.7	[48.5,68.2]	41.3	[31.8,51.5]	0.0		100.0
Pearson: Uncorrected chi2(2) =	1.0577						
Design-based F(1.95, 810.52) =	0.3164	Pr =	0.723				
Total (n=428)	56.5	[50.6,62.2]	43.0	[37.3,48.9]	0.5	[0.1,3.2]	100.0

5.4 Q: Why didn't you try to contact your provider's office?

5.4.1 No attempt to contact provider's office because- It was closed

Universe: Respondents who did not try to contact provider's office after it was closed

	No doctor contact: closed				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=206)	70.5	[62.3,77.6]	29.5	[22.4,37.7]	100.0
36-99% (n=153)	72.2	[63.4,79.5]	27.8	[20.5,36.6]	100.0
≥ 100% (n = 129)	63.0	[52.8,72.2]	37.0	[27.8,47.2]	100.0
Pearson: Uncorrected chi2(2) =	2.4255				
Design-based F(1.94, 924.82) =	0.9716	Pr =	0.377		
Region					
UP/NW/NE (n=97)	74.5	[62.7,83.6]	25.5	[16.4,37.3]	100.0
W/E Central/E (n=164)	70.9	[62.7,78.0]	29.1	[22.0,37.3]	100.0
S Central/SW/SE (n=103)	60.3	[48.4,71.1]	39.7	[28.9,51.6]	100.0
Detroit Metro (n=124)	71.5	[61.0,80.1]	28.5	[19.9,39.0]	100.0
Pearson: Uncorrected chi2(3) =	4.8067				
Design-based F(2.74, 1302.88) =	1.2277	Pr =	0.298		
Low healthcare utilizers					
Yes (n=32)	56.0	[33.8,76.0]	44.0	[24.0,66.2]	100.0
No (n=456)	70.7	[65.4,75.5]	29.3	[24.5,34.6]	100.0
Pearson: Uncorrected chi2(1) =	3.6987				
Design-based F(1.00, 476.00) =	1.8129	Pr =	0.179		
High ER utilizers					
Yes (n=21)	64.4	[36.6,85.1]	35.6	[14.9,63.4]	100.0
No (n=467)	69.7	[64.4,74.6]	30.3	[25.4,35.6]	100.0
Pearson: Uncorrected chi2(1) =	0.3019				
Design-based F(1.00, 476.00) =	0.1636	Pr =	0.686		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=163)	66.4	[57.4,74.3]	33.6	[25.7,42.6]	100.0
No chronic disease (n=325)	71.0	[64.3,76.9]	29.0	[23.1,35.7]	100.0
Pearson: Uncorrected chi2(1) =	1.0995				
Design-based F(1.00, 476.00) =	0.7543	Pr =	0.386		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=312)	69.9	[63.3,75.7]	30.1	[24.3,36.7]	100.0
No MH/SA (n=176)	68.9	[59.6,76.8]	31.1	[23.2,40.4]	100.0
Pearson: Uncorrected chi2(1) =	0.0531				
Design-based F(1.00, 476.00) =	0.0332	Pr =	0.855		
Total (n=488)	69.5	[64.2,74.3]	30.5	[25.7,35.8]	100.0

5.4.2 No attempt to contact provider's office because- Felt it was an emergency

Universe: Respondents who did not try to contact provider's office after it was closed

	Yes		No doctor contact: emergency		Total Row%
	Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=206)	15.7	[10.6,22.6]	84.3	[77.4,89.4]	100.0
36-99% (n=153)	16.9	[11.2,24.5]	83.1	[75.5,88.8]	100.0
≥ 100%(n = 129)	13.6	[8.3,21.6]	86.4	[78.4,91.7]	100.0
Pearson: Uncorrected chi2(2) =	0.4329				
Design-based F(1.94, 921.42) =	0.1869	Pr =	0.823		
Region					
UP/NW/NE (n=97)	20.6	[12.2,32.6]	79.4	[67.4,87.8]	100.0
W/E Central/E (n=164)	15.0	[9.9,22.0]	85.0	[78.0,90.1]	100.0
S Central/SW/SE (n=103)	22.7	[13.6,35.4]	77.3	[64.6,86.4]	100.0
Detroit Metro (n=124)	11.1	[6.3,18.8]	88.9	[81.2,93.7]	100.0
Pearson: Uncorrected chi2(3) =	7.3457				
Design-based F(2.82, 1341.34) =	1.8257	Pr =	0.144		
Low healthcare utilizers					
Yes (n=32)	11.5	[3.4,32.2]	88.5	[67.8,96.6]	100.0
No (n=456)	16.0	[12.3,20.5]	84.0	[79.5,87.7]	100.0
Pearson: Uncorrected chi2(1) =	0.5464				
Design-based F(1.00, 476.00) =	0.3158	Pr =	0.574		
High ER utilizers					
Yes (n=21)	26.5	[9.0,56.7]	73.5	[43.3,91.0]	100.0
No (n=467)	15.0	[11.6,19.3]	85.0	[80.7,88.4]	100.0
Pearson: Uncorrected chi2(1) =	2.2564				
Design-based F(1.00, 476.00) =	1.1498	Pr =	0.284		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=163)	19.0	[12.9,27.2]	81.0	[72.8,87.1]	100.0
No chronic disease (n=325)	13.9	[9.9,19.2]	86.1	[80.8,90.1]	100.0
Pearson: Uncorrected chi2(1) =	2.1334				
Design-based F(1.00, 476.00) =	1.4923	Pr =	0.222		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=312)	16.8	[12.3,22.6]	83.2	[77.4,87.7]	100.0
No MH/SA (n=176)	13.7	[8.7,20.9]	86.3	[79.1,91.3]	100.0
Pearson: Uncorrected chi2(1) =	0.8592				
Design-based F(1.00, 476.00) =	0.5793	Pr =	0.447		
Total (n=488)	15.6	[12.1,19.9]	84.4	[80.1,87.9]	100.0

5.4.3 No attempt to contact provider's office because- Decided to wait and see if conditions resolved

Universe: Respondents who did not try to contact provider's office after it was closed

	No doctor contact: wait and see				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=206)	5.5	[2.6,11.2]	94.5	[88.8,97.4]	100.0
36-99% (n=153)	6.5	[3.4,12.0]	93.5	[88.0,96.6]	100.0
≥ 100%(n = 129)	9.3	[4.8,17.1]	90.7	[82.9,95.2]	100.0
Pearson: Uncorrected chi2(2) =	1.6962				
Design-based F(1.88, 893.14) =	0.6624	Pr =	0.507		
Region					
UP/NW/NE (n=97)	3.3	[0.9,11.3]	96.7	[88.7,99.1]	100.0
W/E Central/E (n=164)	7.8	[4.3,13.7]	92.2	[86.3,95.7]	100.0
S Central/SW/SE (n=103)	8.2	[3.7,17.2]	91.8	[82.8,96.3]	100.0
Detroit Metro (n=124)	5.4	[2.1,13.0]	94.6	[87.0,97.9]	100.0
Pearson: Uncorrected chi2(3) =	2.0718				
Design-based F(2.65, 1261.02) =	0.5253	Pr =	0.642		
Low healthcare utilizers					
Yes (n=32)	0.0		100.0		100.0
No (n=456)	7.1	[4.6,10.6]	92.9	[89.4,95.4]	100.0
Pearson: Uncorrected chi2(1) =	2.9788				
Design-based F(1.00, 476.00) =	1.8369	Pr =	0.176		
High ER utilizers					
Yes (n=21)	13.0	[2.9,42.1]	87.0	[57.9,97.1]	100.0
No (n=467)	6.2	[4.0,9.5]	93.8	[90.5,96.0]	100.0
Pearson: Uncorrected chi2(1) =	1.7360				
Design-based F(1.00, 476.00) =	0.9960	Pr =	0.319		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=163)	4.8	[2.2,9.9]	95.2	[90.1,97.8]	100.0
No chronic disease (n=325)	7.3	[4.4,11.9]	92.7	[88.1,95.6]	100.0
Pearson: Uncorrected chi2(1) =	1.1842				
Design-based F(1.00, 476.00) =	0.9259	Pr =	0.336		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=312)	7.2	[4.2,12.0]	92.8	[88.0,95.8]	100.0
No MH/SA (n=176)	5.4	[2.8,10.2]	94.6	[89.8,97.2]	100.0
Pearson: Uncorrected chi2(1) =	0.5673				
Design-based F(1.00, 476.00) =	0.4232	Pr =	0.516		
Total (n=488)	6.5	[4.3,9.8]	93.5	[90.2,95.7]	100.0

5.4.4 No attempt to contact provider's office because- Unsure how to contact provider

Universe: Respondents who did not try to contact provider's office after it was closed

	No doctor contact: unsure how				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=206)	0.1	[0.0,0.8]	99.9	[99.2,100.0]	100.0
36-99% (n=153)	2.8	[0.4,17.3]	97.2	[82.7,99.6]	100.0
≥ 100%(n = 129)	2.0	[0.3,13.0]	98.0	[87.0,99.7]	100.0
Pearson: Uncorrected chi2(2) =	6.0486				
Design-based F(1.33, 633.05) =	2.0905	Pr =	0.142		
Region					
UP/NW/NE (n=97)	0.6	[0.1,4.1]	99.4	[95.9,99.9]	100.0
W/E Central/E (n=164)	0.0		100.0		100.0
S Central/SW/SE (n=103)	2.0	[0.3,13.2]	98.0	[86.8,99.7]	100.0
Detroit Metro (n=124)	1.9	[0.3,12.2]	98.1	[87.8,99.7]	100.0
Pearson: Uncorrected chi2(3) =	3.5191				
Design-based F(2.06, 980.26) =	0.6337	Pr =	0.535		
Low healthcare utilizers					
Yes (n=32)	8.8	[1.3,42.2]	91.2	[57.8,98.7]	100.0
No (n=456)	0.5	[0.1,2.7]	99.5	[97.3,99.9]	100.0
Pearson: Uncorrected chi2(1) =	21.8547				
Design-based F(1.00, 476.00) =	9.1887	Pr =	0.003		
High ER utilizers					
Yes (n=21)	0.0		100.0		100.0
No (n=467)	1.2	[0.3,4.7]	98.8	[95.3,99.7]	100.0
Pearson: Uncorrected chi2(1) =	0.2979				
Design-based F(1.00, 476.00) =	0.1175	Pr =	0.732		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=163)	0.0		100.0		100.0
No chronic disease (n=325)	1.7	[0.4,6.6]	98.3	[93.4,99.6]	100.0
Pearson: Uncorrected chi2(1) =	2.8413				
Design-based F(1.00, 476.00) =	1.0544	Pr =	0.305		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=312)	0.1	[0.0,0.7]	99.9	[99.3,100.0]	100.0
No MH/SA (n=176)	2.8	[0.7,11.2]	97.2	[88.8,99.3]	100.0
Pearson: Uncorrected chi2(1) =	7.5521				
Design-based F(1.00, 476.00) =	17.3397	Pr =	0.000		
Total (n=488)	1.2	[0.3,4.5]	98.8	[95.5,99.7]	100.0

5.4.5 No attempt to contact provider's office because- Other

Universe: Respondents who did not try to contact provider's office after it was closed

	No doctor contact: other response-record				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=206)	20.7	[14.4,28.9]	79.3	[71.1,85.6]	100.0
36-99% (n=153)	23.7	[16.7,32.4]	76.3	[67.6,83.3]	100.0
≥ 100%(n = 129)	22.5	[15.6,31.3]	77.5	[68.7,84.4]	100.0
Pearson: Uncorrected chi2(2) =	0.4639				
Design-based F(1.89, 897.36) =	0.1807	Pr =	0.822		
Region					
UP/NW/NE (n=97)	14.9	[8.8,23.9]	85.1	[76.1,91.2]	100.0
W/E Central/E (n=164)	22.2	[16.0,29.9]	77.8	[70.1,84.0]	100.0
S Central/SW/SE (n=103)	21.9	[13.9,32.8]	78.1	[67.2,86.1]	100.0
Detroit Metro (n=124)	23.4	[15.2,34.3]	76.6	[65.7,84.8]	100.0
Pearson: Uncorrected chi2(3) =	1.7146				
Design-based F(2.55, 1214.00) =	0.4499	Pr =	0.686		
Low healthcare utilizers					
Yes (n=32)	36.7	[17.9,60.6]	63.3	[39.4,82.1]	100.0
No (n=456)	20.5	[16.2,25.6]	79.5	[74.4,83.8]	100.0
Pearson: Uncorrected chi2(1) =	5.5708				
Design-based F(1.00, 476.00) =	2.5526	Pr =	0.111		
High ER utilizers					
Yes (n=21)	10.6	[3.2,29.6]	89.4	[70.4,96.8]	100.0
No (n=467)	22.4	[17.9,27.7]	77.6	[72.3,82.1]	100.0
Pearson: Uncorrected chi2(1) =	1.8721				
Design-based F(1.00, 476.00) =	1.9488	Pr =	0.163		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=163)	19.0	[13.2,26.7]	81.0	[73.3,86.8]	100.0
No chronic disease (n=325)	23.2	[17.6,29.9]	76.8	[70.1,82.4]	100.0
Pearson: Uncorrected chi2(1) =	1.1170				
Design-based F(1.00, 476.00) =	0.7993	Pr =	0.372		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=312)	21.3	[16.2,27.4]	78.7	[72.6,83.8]	100.0
No MH/SA (n=176)	22.6	[15.4,32.1]	77.4	[67.9,84.6]	100.0
Pearson: Uncorrected chi2(1) =	0.1228				
Design-based F(1.00, 476.00) =	0.0700	Pr =	0.792		
Total (n=488)	21.8	[17.5,26.9]	78.2	[73.1,82.5]	100.0

5.4.6 No attempt to contact provider's office because- Don't know

Universe: Respondents who did not try to contact provider's office after it was closed

No doctor contact: don't know		No.
Yes		785.0
No		43737.8
Total		44522.8

5.4.7 No attempt to contact provider's office because- Refused

Universe: Respondents who did not try to contact provider's office after it was closed

No doctor contact: refused	No.
Yes	115.2
No	44407.6
Total	44522.8

5.5 Q: During the past 12 months, did you go to a hospital emergency room about your own health (whether or not you were admitted overnight)?

Universe: All respondents

	Any ER visits past 12 months						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=1,600)	41.5	[38.5,44.6]	57.7	[54.6,60.7]	0.8	[0.4,1.7]	100.0
36-99% (n=1,450)	33.4	[30.5,36.4]	66.6	[63.5,69.5]	0.0	[0.0,0.3]	100.0
≥ 100%(n = 1,040)	33.6	[30.3,37.1]	65.7	[62.2,69.0]	0.7	[0.3,1.5]	100.0
Pearson: Uncorrected chi2(4) =	38.0119						
Design-based F(3.52, 14335.31) =	8.5208	Pr =	0.000				
Region							
UP/NW/NE (n=746)	33.5	[29.8,37.5]	65.5	[61.5,69.3]	1.0	[0.4,2.2]	100.0
W/E Central/E (n=1,265)	36.7	[33.6,39.8]	62.9	[59.7,65.9]	0.5	[0.2,1.0]	100.0
S Central/SW/SE (n=837)	39.8	[35.9,44.0]	59.4	[55.3,63.4]	0.7	[0.3,1.8]	100.0
Detroit Metro (n=1,242)	38.2	[34.9,41.6]	61.3	[57.9,64.6]	0.5	[0.2,1.7]	100.0
Pearson: Uncorrected chi2(6) =	6.5598						
Design-based F(4.89, 19949.08) =	0.8018	Pr =	0.546				
Low healthcare utilizers							
Yes (n=491)	26.6	[21.8,32.1]	72.7	[67.2,77.5]	0.7	[0.2,2.0]	100.0
No (n=3,599)	39.6	[37.6,41.7]	59.8	[57.8,61.9]	0.6	[0.3,1.1]	100.0
Pearson: Uncorrected chi2(2) =	37.8677						
Design-based F(1.93, 7886.83) =	10.6164	Pr =	0.000				
High ER utilizers							
Yes (n=156)	84.1	[72.7,91.3]	15.9	[8.7,27.3]	0.0		100.0
No (n=3,934)	35.5	[33.6,37.4]	63.9	[61.9,65.8]	0.6	[0.3,1.1]	100.0
Pearson: Uncorrected chi2(2) =	174.0909						
Design-based F(1.91, 7774.07) =	35.5602	Pr =	0.000				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=1,161)	48.3	[44.8,51.9]	51.0	[47.4,54.6]	0.6	[0.3,1.3]	100.0
No chronic disease (n=2,929)	34.0	[31.8,36.3]	65.4	[63.1,67.6]	0.6	[0.3,1.1]	100.0
Pearson: Uncorrected chi2(2) =	67.5120						
Design-based F(1.99, 8118.36) =	24.1425	Pr =	0.000				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=2,034)	49.2	[46.4,52.0]	49.9	[47.1,52.6]	0.9	[0.5,1.8]	100.0
No MH/SA (n=2,056)	26.8	[24.4,29.4]	72.9	[70.3,75.4]	0.2	[0.1,0.6]	100.0
Pearson: Uncorrected chi2(2) =	232.6156						
Design-based F(1.99, 8104.66) =	74.9585	Pr =	0.000				
Total (n=4,090)	37.6	[35.7,39.6]	61.8	[59.8,63.7]	0.6	[0.3,1.0]	100.0

5.6 Q: Thinking about the last time you were at the emergency room, did you think your problem needed to be handled in the emergency room?

Universe: Respondents who went to a hospital emergency room in the past 12 months

	Last ER visit: was it emergency?						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=650)	82.9	[78.8,86.3]	16.4	[13.0,20.5]	0.7	[0.3,1.5]	100.0
36-99% (n=472)	83.3	[78.4,87.2]	14.7	[11.0,19.5]	2.0	[0.9,4.2]	100.0
≥ 100%(n = 333)	87.7	[82.8,91.3]	10.5	[7.2,15.0]	1.8	[0.6,5.1]	100.0
Pearson: Uncorrected chi2(4) =	9.5445						
Design-based F(3.86, 5575.03) =	1.8924	Pr =	0.111				
Region							
UP/NW/NE (n=248)	83.1	[76.7,88.1]	15.1	[10.4,21.4]	1.7	[0.6,5.2]	100.0
W/E Central/E (n=440)	84.6	[80.1,88.2]	13.6	[10.2,17.9]	1.8	[0.8,4.0]	100.0
S Central/SW/SE (n=314)	81.1	[74.3,86.4]	16.7	[11.6,23.5]	2.2	[1.0,5.1]	100.0
Detroit Metro (n=453)	84.7	[80.0,88.4]	15.0	[11.3,19.6]	0.3	[0.1,1.3]	100.0
Pearson: Uncorrected chi2(6) =	9.5140						
Design-based F(5.28, 7626.16) =	1.2887	Pr =	0.264				
Low healthcare utilizers							
Yes (n=116)	73.6	[62.8,82.2]	25.4	[16.9,36.3]	1.0	[0.2,4.1]	100.0
No (n=1,339)	85.0	[82.3,87.4]	13.7	[11.4,16.4]	1.3	[0.8,2.1]	100.0
Pearson: Uncorrected chi2(2) =	14.8820						
Design-based F(1.73, 2491.21) =	5.2303	Pr =	0.008				
High ER utilizers							
Yes (n=138)	88.2	[81.2,92.8]	11.2	[6.7,18.0]	0.7	[0.1,4.6]	100.0
No (n=1,317)	83.3	[80.4,85.9]	15.4	[12.9,18.2]	1.3	[0.8,2.1]	100.0
Pearson: Uncorrected chi2(2) =	2.3088						
Design-based F(1.98, 2850.25) =	1.0634	Pr =	0.345				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=535)	90.9	[87.6,93.4]	8.6	[6.2,11.9]	0.5	[0.2,1.2]	100.0
No chronic disease (n=920)	80.5	[76.8,83.7]	18.0	[14.8,21.6]	1.6	[0.9,2.7]	100.0
Pearson: Uncorrected chi2(2) =	25.7050						
Design-based F(1.73, 2502.83) =	12.8738	Pr =	0.000				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=938)	83.2	[79.8,86.1]	15.5	[12.6,18.8]	1.3	[0.8,2.3]	100.0
No MH/SA (n=517)	84.9	[80.1,88.7]	14.0	[10.3,18.7]	1.1	[0.4,2.8]	100.0
Pearson: Uncorrected chi2(2) =	0.7957						
Design-based F(1.93, 2779.07) =	0.2481	Pr =	0.772				
Total (n=1,455)	83.8	[81.1,86.2]	14.9	[12.6,17.6]	1.2	[0.8,2.0]	100.0

5.7 Q: Thinking about the last time you were at the emergency room, did you try to contact your usual provider's office before going to the emergency room?

Universe: Respondents who went to a hospital emergency room in the past 12 months

	Last ER visit: try to contact primary?						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=651)	25.9	[22.0,30.2]	74.0	[69.7,77.9]	0.0	[0.0,0.3]	100.0
36-99% (n=472)	30.2	[25.3,35.6]	69.5	[64.1,74.4]	0.3	[0.1,1.4]	100.0
≥ 100%(n = 333)	31.5	[26.1,37.4]	67.3	[61.3,72.8]	1.3	[0.4,3.9]	100.0
Pearson: Uncorrected chi2(4) =	13.9278						
Design-based F(3.33, 4802.94) =	3.7610	Pr =	0.008				
Region							
UP/NW/NE (n=248)	21.4	[16.5,27.4]	78.1	[72.1,83.1]	0.5	[0.1,2.0]	100.0
W/E Central/E (n=441)	29.7	[25.0,34.9]	69.9	[64.7,74.6]	0.4	[0.1,2.8]	100.0
S Central/SW/SE (n=314)	26.1	[21.0,32.0]	73.3	[67.5,78.5]	0.6	[0.2,1.8]	100.0
Detroit Metro (n=453)	28.9	[24.2,34.2]	71.0	[65.7,75.7]	0.1	[0.0,0.9]	100.0
Pearson: Uncorrected chi2(6) =	5.2876						
Design-based F(4.96, 7158.27) =	0.9106	Pr =	0.472				
Low healthcare utilizers							
Yes (n=117)	15.6	[8.9,25.9]	84.4	[74.1,91.1]	0.0		100.0
No (n=1,339)	29.5	[26.5,32.6]	70.1	[67.0,73.1]	0.4	[0.1,0.9]	100.0
Pearson: Uncorrected chi2(2) =	14.2522						
Design-based F(1.75, 2525.00) =	4.5661	Pr =	0.014				
High ER utilizers							
Yes (n=138)	38.8	[29.7,48.8]	61.2	[51.2,70.3]	0.0		100.0
No (n=1,318)	26.8	[23.9,29.9]	72.8	[69.7,75.7]	0.4	[0.1,0.9]	100.0
Pearson: Uncorrected chi2(2) =	9.6581						
Design-based F(1.91, 2754.74) =	3.9394	Pr =	0.021				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=535)	29.1	[24.7,33.9]	70.7	[65.9,75.1]	0.2	[0.1,0.8]	100.0
No chronic disease (n=921)	27.5	[24.0,31.2]	72.2	[68.4,75.6]	0.4	[0.1,1.1]	100.0
Pearson: Uncorrected chi2(2) =	0.5527						
Design-based F(1.70, 2451.62) =	0.2800	Pr =	0.719				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=938)	29.8	[26.2,33.6]	70.0	[66.2,73.6]	0.2	[0.1,0.6]	100.0
No MH/SA (n=518)	24.9	[20.7,29.7]	74.5	[69.7,78.8]	0.5	[0.2,1.9]	100.0
Pearson: Uncorrected chi2(2) =	5.0017						
Design-based F(1.81, 2611.02) =	2.1660	Pr =	0.120				
Total (n=1,456)	28.0	[25.2,30.9]	71.7	[68.7,74.5]	0.3	[0.1,0.8]	100.0

5.8 Q: Did you talk to someone?

Universe: Respondents who tried to contact their usual provider's office before going to the emergency room

	Last ER visit: talk to primary provider?				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=181)	74.7	[65.9,81.8]	25.3	[18.2,34.1]	100.0
36-99% (n=136)	80.2	[72.0,86.4]	19.8	[13.6,28.0]	100.0
≥ 100% (n = 107)	77.1	[67.0,84.8]	22.9	[15.2,33.0]	100.0
Pearson: Uncorrected chi2(2) =	1.3102				
Design-based F(1.94, 798.46) =	0.5527	Pr =	0.570		
Region					
UP/NW/NE (n=58)	76.0	[62.5,85.7]	24.0	[14.3,37.5]	100.0
W/E Central/E (n=138)	80.6	[73.2,86.4]	19.4	[13.6,26.8]	100.0
S Central/SW/SE (n=88)	71.1	[58.6,81.0]	28.9	[19.0,41.4]	100.0
Detroit Metro (n=140)	76.4	[66.7,83.9]	23.6	[16.1,33.3]	100.0
Pearson: Uncorrected chi2(3) =	2.4549				
Design-based F(2.58, 1062.54) =	0.7544	Pr =	0.501		
Low healthcare utilizers					
Yes (n=17)	82.9	[49.2,96.1]	17.1	[3.9,50.8]	100.0
No (n=407)	76.2	[70.8,81.0]	23.8	[19.0,29.2]	100.0
Pearson: Uncorrected chi2(1) =	0.6005				
Design-based F(1.00, 412.00) =	0.2508	Pr =	0.617		
High ER utilizers					
Yes (n=59)	73.8	[58.7,84.8]	26.2	[15.2,41.3]	100.0
No (n=365)	77.1	[71.3,82.0]	22.9	[18.0,28.7]	100.0
Pearson: Uncorrected chi2(1) =	0.3016				
Design-based F(1.00, 412.00) =	0.2149	Pr =	0.643		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=173)	78.8	[70.6,85.1]	21.2	[14.9,29.4]	100.0
No chronic disease (n=251)	75.6	[68.5,81.5]	24.4	[18.5,31.5]	100.0
Pearson: Uncorrected chi2(1) =	0.5333				
Design-based F(1.00, 412.00) =	0.3999	Pr =	0.527		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=283)	73.5	[66.7,79.3]	26.5	[20.7,33.3]	100.0
No MH/SA (n=141)	83.1	[74.1,89.5]	16.9	[10.5,25.9]	100.0
Pearson: Uncorrected chi2(1) =	4.8964				
Design-based F(1.00, 412.00) =	3.2555	Pr =	0.072		
Total (n=424)	76.6	[71.3,81.2]	23.4	[18.8,28.7]	100.0

5.9 Q: Why did you end up going to the ER?

5.9.1 Went to ER because- No response from provider

Universe: Respondents who tried to contact their usual provider's office before going to the emergency room

	Why ER: no provider response				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=131)	2.9	[0.7,11.6]	97.1	[88.4,99.3]	100.0
36-99% (n=106)	1.0	[0.1,6.7]	99.0	[93.3,99.9]	100.0
≥ 100% (n = 82)	1.8	[0.2,11.9]	98.2	[88.1,99.8]	100.0
Pearson: Uncorrected chi2(2) =	1.1106				
Design-based F(1.91, 586.69) =	0.4393	Pr =	0.636		
Region					
UP/NW/NE (n=43)	0.0		100.0		100.0
W/E Central/E (n=104)	1.2	[0.2,7.9]	98.8	[92.1,99.8]	100.0
S Central/SW/SE (n=65)	2.7	[0.7,10.3]	97.3	[89.7,99.3]	100.0
Detroit Metro (n=107)	2.9	[0.6,13.4]	97.1	[86.6,99.4]	100.0
Pearson: Uncorrected chi2(3) =	1.3621				
Design-based F(2.34, 719.74) =	0.3196	Pr =	0.761		
Low healthcare utilizers					
Yes (n=14)	0.0		100.0		100.0
No (n=305)	2.3	[0.8,6.7]	97.7	[93.3,99.2]	100.0
Pearson: Uncorrected chi2(1) =	0.4864				
Design-based F(1.00, 307.00) =	0.2319	Pr =	0.630		
High ER utilizers					
Yes (n=43)	2.0	[0.3,12.9]	98.0	[87.1,99.7]	100.0
No (n=276)	2.2	[0.6,7.1]	97.8	[92.9,99.4]	100.0
Pearson: Uncorrected chi2(1) =	0.0081				
Design-based F(1.00, 307.00) =	0.0079	Pr =	0.929		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=133)	1.4	[0.3,5.5]	98.6	[94.5,99.7]	100.0
No chronic disease (n=186)	2.6	[0.7,9.3]	97.4	[90.7,99.3]	100.0
Pearson: Uncorrected chi2(1) =	0.4793				
Design-based F(1.00, 307.00) =	0.4101	Pr =	0.522		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=203)	2.8	[0.8,9.2]	97.2	[90.8,99.2]	100.0
No MH/SA (n=116)	1.0	[0.1,6.9]	99.0	[93.1,99.9]	100.0
Pearson: Uncorrected chi2(1) =	1.0833				
Design-based F(1.00, 307.00) =	0.8059	Pr =	0.370		
Total (n=319)	2.1	[0.7,6.2]	97.9	[93.8,99.3]	100.0

5.9.2 Went to ER because- Provider said to go to the ER

Universe: Respondents who tried to contact their usual provider's office before going to the emergency room

	Why ER: provider said to go				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=131)	76.3	[65.5,84.5]	23.7	[15.5,34.5]	100.0
36-99% (n=106)	74.5	[61.4,84.3]	25.5	[15.7,38.6]	100.0
≥ 100%(n = 82)	75.9	[63.8,85.0]	24.1	[15.0,36.2]	100.0
Pearson: Uncorrected chi2(2) =	0.1014				
Design-based F(1.91, 586.60) =	0.0334	Pr =	0.963		
Region					
UP/NW/NE (n=43)	66.5	[48.6,80.6]	33.5	[19.4,51.4]	100.0
W/E Central/E (n=104)	83.4	[74.7,89.5]	16.6	[10.5,25.3]	100.0
S Central/SW/SE (n=65)	85.2	[73.9,92.1]	14.8	[7.9,26.1]	100.0
Detroit Metro (n=107)	68.2	[55.5,78.7]	31.8	[21.3,44.5]	100.0
Pearson: Uncorrected chi2(3) =	11.1596				
Design-based F(2.65, 813.18) =	3.5339	Pr =	0.019		
Low healthcare utilizers					
Yes (n=14)	45.1	[18.8,74.5]	54.9	[25.5,81.2]	100.0
No (n=305)	77.8	[71.2,83.3]	22.2	[16.7,28.8]	100.0
Pearson: Uncorrected chi2(1) =	11.2742				
Design-based F(1.00, 307.00) =	5.4241	Pr =	0.021		
High ER utilizers					
Yes (n=43)	77.1	[59.8,88.3]	22.9	[11.7,40.2]	100.0
No (n=276)	75.5	[68.0,81.8]	24.5	[18.2,32.0]	100.0
Pearson: Uncorrected chi2(1) =	0.0477				
Design-based F(1.00, 307.00) =	0.0354	Pr =	0.851		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=133)	82.8	[74.6,88.8]	17.2	[11.2,25.4]	100.0
No chronic disease (n=186)	72.0	[62.6,79.8]	28.0	[20.2,37.4]	100.0
Pearson: Uncorrected chi2(1) =	4.6289				
Design-based F(1.00, 307.00) =	3.6103	Pr =	0.058		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=203)	76.4	[67.9,83.2]	23.6	[16.8,32.1]	100.0
No MH/SA (n=116)	74.5	[62.0,84.0]	25.5	[16.0,38.0]	100.0
Pearson: Uncorrected chi2(1) =	0.1371				
Design-based F(1.00, 307.00) =	0.0738	Pr =	0.786		
Total (n=319)	75.7	[68.9,81.5]	24.3	[18.5,31.1]	100.0

5.9.3 Went to ER because- Provider's advice wasn't helpful

Universe: Respondents who tried to contact their usual provider's office before going to the emergency room

	Why ER: provider advice not helpful				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=131)	2.7	[1.0,6.7]	97.3	[93.3,99.0]	100.0
36-99% (n=106)	1.7	[0.4,6.8]	98.3	[93.2,99.6]	100.0
≥ 100%(n = 82)	5.8	[2.2,14.6]	94.2	[85.4,97.8]	100.0
Pearson: Uncorrected chi2(2) =	2.3361				
Design-based F(1.99, 610.37) =	1.2845	Pr =	0.277		
Region					
UP/NW/NE (n=43)	6.1	[1.3,24.9]	93.9	[75.1,98.7]	100.0
W/E Central/E (n=104)	4.2	[1.6,10.4]	95.8	[89.6,98.4]	100.0
S Central/SW/SE (n=65)	1.0	[0.1,7.0]	99.0	[93.0,99.9]	100.0
Detroit Metro (n=107)	2.6	[0.9,7.1]	97.4	[92.9,99.1]	100.0
Pearson: Uncorrected chi2(3) =	1.9342				
Design-based F(2.86, 876.83) =	0.8093	Pr =	0.484		
Low healthcare utilizers					
Yes (n=14)	8.0	[1.8,29.3]	92.0	[70.7,98.2]	100.0
No (n=305)	2.7	[1.4,5.2]	97.3	[94.8,98.6]	100.0
Pearson: Uncorrected chi2(1) =	1.8530				
Design-based F(1.00, 307.00) =	1.9387	Pr =	0.165		
High ER utilizers					
Yes (n=43)	3.4	[0.8,13.3]	96.6	[86.7,99.2]	100.0
No (n=276)	3.0	[1.5,5.8]	97.0	[94.2,98.5]	100.0
Pearson: Uncorrected chi2(1) =	0.0207				
Design-based F(1.00, 307.00) =	0.0258	Pr =	0.873		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=133)	4.0	[1.6,9.5]	96.0	[90.5,98.4]	100.0
No chronic disease (n=186)	2.5	[1.1,5.7]	97.5	[94.3,98.9]	100.0
Pearson: Uncorrected chi2(1) =	0.5509				
Design-based F(1.00, 307.00) =	0.5958	Pr =	0.441		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=203)	2.9	[1.3,6.0]	97.1	[94.0,98.7]	100.0
No MH/SA (n=116)	3.3	[1.2,8.8]	96.7	[91.2,98.8]	100.0
Pearson: Uncorrected chi2(1) =	0.0568				
Design-based F(1.00, 307.00) =	0.0598	Pr =	0.807		
Total (n=319)	3.0	[1.6,5.5]	97.0	[94.5,98.4]	100.0

5.9.4 Went to ER because- Symptoms did not improve or got worse

Universe: Respondents who tried to contact their usual provider's office before going to the emergency room

	Why ER: symptoms did not improve				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=131)	15.5	[8.7,26.1]	84.5	[73.9,91.3]	100.0
36-99% (n=106)	15.0	[7.2,28.8]	85.0	[71.2,92.8]	100.0
≥ 100%(n = 82)	10.4	[4.8,20.8]	89.6	[79.2,95.2]	100.0
Pearson: Uncorrected chi2(2) =	1.0380				
Design-based F(1.85, 567.96) =	0.3064	Pr =	0.719		
Region					
UP/NW/NE (n=43)	16.5	[6.5,36.0]	83.5	[64.0,93.5]	100.0
W/E Central/E (n=104)	10.1	[5.3,18.7]	89.9	[81.3,94.7]	100.0
S Central/SW/SE (n=65)	9.4	[4.0,20.4]	90.6	[79.6,96.0]	100.0
Detroit Metro (n=107)	18.8	[10.3,31.7]	81.2	[68.3,89.7]	100.0
Pearson: Uncorrected chi2(3) =	4.9083				
Design-based F(2.67, 819.89) =	1.3431	Pr =	0.261		
Low healthcare utilizers					
Yes (n=14)	22.2	[3.5,69.1]	77.8	[30.9,96.5]	100.0
No (n=305)	13.8	[9.3,20.0]	86.2	[80.0,90.7]	100.0
Pearson: Uncorrected chi2(1) =	1.1063				
Design-based F(1.00, 307.00) =	0.2987	Pr =	0.585		
High ER utilizers					
Yes (n=43)	11.1	[4.7,24.1]	88.9	[75.9,95.3]	100.0
No (n=276)	14.8	[9.6,22.2]	85.2	[77.8,90.4]	100.0
Pearson: Uncorrected chi2(1) =	0.4055				
Design-based F(1.00, 307.00) =	0.3841	Pr =	0.536		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=133)	12.5	[7.3,20.8]	87.5	[79.2,92.7]	100.0
No chronic disease (n=186)	15.3	[9.0,24.7]	84.7	[75.3,91.0]	100.0
Pearson: Uncorrected chi2(1) =	0.4412				
Design-based F(1.00, 307.00) =	0.2796	Pr =	0.597		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=203)	13.0	[7.8,20.8]	87.0	[79.2,92.2]	100.0
No MH/SA (n=116)	16.8	[8.7,30.1]	83.2	[69.9,91.3]	100.0
Pearson: Uncorrected chi2(1) =	0.8782				
Design-based F(1.00, 307.00) =	0.4025	Pr =	0.526		
Total (n=319)	14.3	[9.6,20.9]	85.7	[79.1,90.4]	100.0

5.9.5 Went to ER because- Could not get an appointment soon enough

Universe: Respondents who tried to contact their usual provider's office before going to the emergency room

	Why ER: could not get appt soon				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=131)	6.0	[3.1,11.3]	94.0	[88.7,96.9]	100.0
36-99% (n=106)	9.6	[4.6,19.0]	90.4	[81.0,95.4]	100.0
≥ 100%(n = 82)	11.1	[5.9,19.9]	88.9	[80.1,94.1]	100.0
Pearson: Uncorrected chi2(2) =	2.0420				
Design-based F(1.95, 598.37) =	0.9668	Pr =	0.379		
Region					
UP/NW/NE (n=43)	14.7	[6.0,31.6]	85.3	[68.4,94.0]	100.0
W/E Central/E (n=104)	10.8	[6.3,18.0]	89.2	[82.0,93.7]	100.0
S Central/SW/SE (n=65)	7.7	[3.2,17.0]	92.3	[83.0,96.8]	100.0
Detroit Metro (n=107)	5.4	[2.1,12.8]	94.6	[87.2,97.9]	100.0
Pearson: Uncorrected chi2(3) =	3.6452				
Design-based F(2.67, 819.22) =	1.2467	Pr =	0.291		
Low healthcare utilizers					
Yes (n=14)	9.4	[2.1,32.7]	90.6	[67.3,97.9]	100.0
No (n=305)	7.9	[5.3,11.8]	92.1	[88.2,94.7]	100.0
Pearson: Uncorrected chi2(1) =	0.0540				
Design-based F(1.00, 307.00) =	0.0496	Pr =	0.824		
High ER utilizers					
Yes (n=43)	15.2	[6.2,32.9]	84.8	[67.1,93.8]	100.0
No (n=276)	6.9	[4.5,10.5]	93.1	[89.5,95.5]	100.0
Pearson: Uncorrected chi2(1) =	3.4185				
Design-based F(1.00, 307.00) =	2.6223	Pr =	0.106		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=133)	10.1	[5.6,17.4]	89.9	[82.6,94.4]	100.0
No chronic disease (n=186)	6.9	[4.1,11.6]	93.1	[88.4,95.9]	100.0
Pearson: Uncorrected chi2(1) =	0.9597				
Design-based F(1.00, 307.00) =	0.9019	Pr =	0.343		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=203)	10.1	[6.4,15.6]	89.9	[84.4,93.6]	100.0
No MH/SA (n=116)	4.3	[2.0,9.0]	95.7	[91.0,98.0]	100.0
Pearson: Uncorrected chi2(1) =	3.2393				
Design-based F(1.00, 307.00) =	3.8907	Pr =	0.049		
Total (n=319)	8.0	[5.4,11.8]	92.0	[88.2,94.6]	100.0

5.9.6 Went to ER because- Other

Universe: Respondents who tried to contact their usual provider's office before going to the emergency room

	Why ER: other response-record				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=131)	19.3	[11.9,29.8]	80.7	[70.2,88.1]	100.0
36-99% (n=106)	12.2	[7.2,20.0]	87.8	[80.0,92.8]	100.0
≥ 100%(n = 82)	15.6	[8.3,27.2]	84.4	[72.8,91.7]	100.0
Pearson: Uncorrected chi2(2) =	2.2255				
Design-based F(1.92, 588.45) =	0.9113	Pr =	0.399		
Region					
UP/NW/NE (n=43)	16.4	[6.9,34.2]	83.6	[65.8,93.1]	100.0
W/E Central/E (n=104)	11.9	[7.1,19.1]	88.1	[80.9,92.9]	100.0
S Central/SW/SE (n=65)	17.4	[9.6,29.4]	82.6	[70.6,90.4]	100.0
Detroit Metro (n=107)	19.4	[11.3,31.3]	80.6	[68.7,88.7]	100.0
Pearson: Uncorrected chi2(3) =	2.4845				
Design-based F(2.64, 810.43) =	0.7821	Pr =	0.489		
Low healthcare utilizers					
Yes (n=14)	24.6	[7.0,58.6]	75.4	[41.4,93.0]	100.0
No (n=305)	16.0	[11.3,22.1]	84.0	[77.9,88.7]	100.0
Pearson: Uncorrected chi2(1) =	1.0439				
Design-based F(1.00, 307.00) =	0.4952	Pr =	0.482		
High ER utilizers					
Yes (n=43)	14.1	[6.7,27.4]	85.9	[72.6,93.3]	100.0
No (n=276)	16.9	[11.8,23.7]	83.1	[76.3,88.2]	100.0
Pearson: Uncorrected chi2(1) =	0.2095				
Design-based F(1.00, 307.00) =	0.2086	Pr =	0.648		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=133)	14.2	[8.7,22.4]	85.8	[77.6,91.3]	100.0
No chronic disease (n=186)	17.8	[11.6,26.2]	82.2	[73.8,88.4]	100.0
Pearson: Uncorrected chi2(1) =	0.6630				
Design-based F(1.00, 307.00) =	0.4959	Pr =	0.482		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=203)	14.2	[9.6,20.7]	85.8	[79.3,90.4]	100.0
No MH/SA (n=116)	20.7	[11.9,33.6]	79.3	[66.4,88.1]	100.0
Pearson: Uncorrected chi2(1) =	2.2133				
Design-based F(1.00, 307.00) =	1.2398	Pr =	0.266		
Total (n=319)	16.5	[11.9,22.5]	83.5	[77.5,88.1]	100.0

5.9.7 Went to ER because- Don't know

Universe: Respondents who tried to contact their usual provider's office before going to the emergency room

Why ER: don't know	No.
Yes	88.3
No	30735.8
Total	30824.1

5.9.8 Went to ER because- Refused

Universe: Respondents who tried to contact their usual provider's office before going to the emergency room

Why ER: refused	No.
No	30824.1
Total	30824.1

5.10 Q: Which of these were true of this particular ER visit?

5.10.1 Arrived to emergency room by ambulance

Universe: Respondents who did not try to contact their usual provider's office before going to the emergency room

	ER: arrived by ambulance				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
FPL category					
0-35% (n=458)	23.5	[19.1,28.5]	76.5	[71.5,80.9]	100.0
36-99% (n=327)	16.4	[12.1,21.9]	83.6	[78.1,87.9]	100.0
≥ 100% (n = 217)	14.8	[10.3,20.7]	85.2	[79.3,89.7]	100.0
Pearson: Uncorrected chi2(2) =	9.2016				
Design-based F(1.96, 1935.51) =	3.9339	Pr =	0.021		
Region					
UP/NW/NE (n=183)	12.1	[8.1,17.6]	87.9	[82.4,91.9]	100.0
W/E Central/E (n=299)	20.7	[15.7,26.8]	79.3	[73.2,84.3]	100.0
S Central/SW/SE (n=216)	16.4	[11.8,22.4]	83.6	[77.6,88.2]	100.0
Detroit Metro (n=304)	23.5	[18.2,29.6]	76.5	[70.4,81.8]	100.0
Pearson: Uncorrected chi2(3) =	8.2382				
Design-based F(2.57, 2541.26) =	2.4481	Pr =	0.072		
Low healthcare utilizers					
Yes (n=89)	24.6	[14.7,38.2]	75.4	[61.8,85.3]	100.0
No (n=913)	19.7	[16.7,23.1]	80.3	[76.9,83.3]	100.0
Pearson: Uncorrected chi2(1) =	1.4448				
Design-based F(1.00, 990.00) =	0.6822	Pr =	0.409		
High ER utilizers					
Yes (n=78)	30.0	[19.7,42.8]	70.0	[57.2,80.3]	100.0
No (n=924)	19.4	[16.3,22.8]	80.6	[77.2,83.7]	100.0
Pearson: Uncorrected chi2(1) =	5.5238				
Design-based F(1.00, 990.00) =	3.7119	Pr =	0.054		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=359)	22.4	[17.8,27.8]	77.6	[72.2,82.2]	100.0
No chronic disease (n=643)	19.2	[15.6,23.5]	80.8	[76.5,84.4]	100.0
Pearson: Uncorrected chi2(1) =	1.4036				
Design-based F(1.00, 990.00) =	0.9864	Pr =	0.321		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=638)	25.1	[21.0,29.7]	74.9	[70.3,79.0]	100.0
No MH/SA (n=364)	12.4	[9.0,16.9]	87.6	[83.1,91.0]	100.0
Pearson: Uncorrected chi2(1) =	23.6294				
Design-based F(1.00, 990.00) =	16.2177	Pr =	0.000		
Total (n=1,002)	20.3	[17.3,23.6]	79.7	[76.4,82.7]	100.0

5.10.2 Emergency room is closest place

Universe: Respondents who did not try to contact their usual provider's office before going to the emergency room

	ER: closest place to receive care						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=458)	79.4	[75.0,83.3]	19.8	[16.1,24.2]	0.8	[0.2,2.6]	100.0
36-99% (n=327)	65.0	[57.9,71.4]	34.6	[28.2,41.7]	0.4	[0.1,2.9]	100.0
≥ 100% (n = 217)	75.3	[67.8,81.5]	22.8	[16.8,30.2]	1.9	[0.8,4.7]	100.0
Pearson: Uncorrected chi2(4) =	23.6797						
Design-based F(3.91, 3869.83) =	4.8806	Pr =	0.001				
Region							
UP/NW/NE (n=183)	75.1	[67.0,81.7]	23.5	[17.1,31.4]	1.4	[0.3,7.2]	100.0
W/E Central/E (n=299)	73.5	[67.5,78.8]	25.1	[20.0,31.0]	1.4	[0.3,5.5]	100.0
S Central/SW/SE (n=216)	74.9	[67.5,81.1]	24.9	[18.7,32.3]	0.3	[0.0,1.9]	100.0
Detroit Metro (n=304)	76.3	[70.4,81.3]	23.0	[18.0,28.9]	0.7	[0.3,1.8]	100.0
Pearson: Uncorrected chi2(6) =	2.7938						
Design-based F(5.32, 5262.25) =	0.4360	Pr =	0.834				
Low healthcare utilizers							
Yes (n=89)	81.5	[71.6,88.5]	17.1	[10.4,26.6]	1.5	[0.2,9.8]	100.0
No (n=913)	74.3	[70.7,77.7]	24.9	[21.6,28.5]	0.8	[0.3,1.8]	100.0
Pearson: Uncorrected chi2(2) =	3.7293						
Design-based F(1.99, 1966.27) =	1.2819	Pr =	0.278				
High ER utilizers							
Yes (n=78)	88.1	[79.0,93.5]	11.9	[6.5,21.0]	0.0		100.0
No (n=924)	73.9	[70.3,77.2]	25.1	[21.9,28.7]	0.9	[0.4,2.0]	100.0
Pearson: Uncorrected chi2(2) =	8.7097						
Design-based F(1.97, 1951.51) =	3.5880	Pr =	0.028				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=359)	79.3	[74.0,83.7]	19.7	[15.3,24.9]	1.0	[0.4,2.7]	100.0
No chronic disease (n=643)	73.1	[68.7,77.1]	26.1	[22.2,30.5]	0.8	[0.3,2.3]	100.0
Pearson: Uncorrected chi2(2) =	5.0522						
Design-based F(1.99, 1966.28) =	2.0359	Pr =	0.131				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=638)	78.0	[73.9,81.6]	21.2	[17.6,25.2]	0.9	[0.3,2.3]	100.0
No MH/SA (n=364)	70.6	[64.5,75.9]	28.6	[23.2,34.5]	0.9	[0.3,2.9]	100.0
Pearson: Uncorrected chi2(2) =	7.0813						
Design-based F(1.99, 1970.78) =	2.5434	Pr =	0.079				
Total (n=1,002)	75.1	[71.8,78.2]	24.0	[20.9,27.3]	0.9	[0.4,1.8]	100.0

5.10.3 Get most care at the emergency room

Universe: Respondents who did not try to contact their usual provider's office before going to the emergency room

	Yes		ER: get most care at ER No		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=458)	23.0	[18.6,28.2]	76.3	[71.1,80.8]	0.7	[0.2,2.6]	100.0
36-99% (n=327)	12.4	[8.9,17.2]	86.9	[82.1,90.7]	0.6	[0.1,4.3]	100.0
≥ 100%(n = 217)	16.8	[11.2,24.4]	82.9	[75.2,88.5]	0.3	[0.0,2.4]	100.0
Pearson: Uncorrected chi2(4) =	13.7279						
Design-based F(3.68, 3639.18) =	2.7399	Pr =	0.031				
Region							
UP/NW/NE (n=183)	6.6	[3.8,11.3]	93.4	[88.7,96.2]	0.0		100.0
W/E Central/E (n=299)	18.8	[14.3,24.3]	79.8	[74.1,84.6]	1.4	[0.3,5.5]	100.0
S Central/SW/SE (n=216)	26.7	[19.3,35.5]	72.6	[63.7,80.0]	0.8	[0.1,5.2]	100.0
Detroit Metro (n=304)	18.9	[14.1,24.8]	81.0	[75.0,85.8]	0.1	[0.0,0.9]	100.0
Pearson: Uncorrected chi2(6) =	21.5220						
Design-based F(5.05, 4996.92) =	2.7505	Pr =	0.017				
Low healthcare utilizers							
Yes (n=89)	32.4	[22.1,44.6]	66.2	[53.9,76.6]	1.5	[0.2,9.8]	100.0
No (n=913)	17.7	[14.7,21.3]	81.8	[78.2,84.9]	0.5	[0.1,1.7]	100.0
Pearson: Uncorrected chi2(2) =	15.5896						
Design-based F(2.00, 1979.64) =	4.5663	Pr =	0.011				
High ER utilizers							
Yes (n=78)	22.0	[13.1,34.5]	78.0	[65.5,86.9]	0.0		100.0
No (n=924)	19.1	[16.0,22.7]	80.2	[76.6,83.4]	0.7	[0.2,1.9]	100.0
Pearson: Uncorrected chi2(2) =	0.9548						
Design-based F(1.99, 1972.66) =	0.2945	Pr =	0.744				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=359)	13.8	[10.1,18.6]	86.0	[81.3,89.8]	0.2	[0.0,1.2]	100.0
No chronic disease (n=643)	22.1	[18.1,26.7]	77.1	[72.5,81.1]	0.8	[0.3,2.5]	100.0
Pearson: Uncorrected chi2(2) =	11.6580						
Design-based F(1.79, 1771.66) =	5.4440	Pr =	0.006				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=638)	18.3	[14.8,22.4]	81.0	[76.8,84.6]	0.7	[0.2,2.4]	100.0
No MH/SA (n=364)	21.1	[15.9,27.4]	78.5	[72.2,83.7]	0.4	[0.1,3.0]	100.0
Pearson: Uncorrected chi2(2) =	1.4201						
Design-based F(2.00, 1977.56) =	0.4074	Pr =	0.665				
Total (n=1,002)	19.4	[16.4,22.8]	80.0	[76.6,83.1]	0.6	[0.2,1.7]	100.0

5.10.4 Problem was too serious for doctor's office

Universe: Respondents who did not try to contact their usual provider's office before going to the emergency room

	Yes		ER: problem was too serious				Total Row%
	Row%	95%CI	No Row%	95%CI	Don't know Row%	95%CI	
FPL category							
0-35% (n=458)	66.2	[60.5,71.4]	31.7	[26.6,37.2]	2.1	[0.7,6.1]	100.0
36-99% (n=327)	60.9	[53.8,67.4]	37.1	[30.5,44.2]	2.0	[0.9,4.4]	100.0
≥ 100%(n = 217)	62.9	[55.2,70.1]	31.4	[24.7,39.0]	5.7	[2.9,10.6]	100.0
Pearson: Uncorrected chi2(4) =	9.1166						
Design-based F(3.43, 3400.40) =	1.4970	Pr =	0.208				
Region							
UP/NW/NE (n=183)	62.9	[54.7,70.4]	33.5	[26.1,41.7]	3.6	[1.8,7.2]	100.0
W/E Central/E (n=299)	65.6	[59.0,71.6]	31.1	[25.3,37.6]	3.3	[1.6,6.7]	100.0
S Central/SW/SE (n=216)	66.8	[58.4,74.3]	28.1	[21.7,35.5]	5.1	[1.4,16.5]	100.0
Detroit Metro (n=304)	62.6	[55.6,69.1]	36.4	[29.9,43.4]	1.0	[0.4,2.4]	100.0
Pearson: Uncorrected chi2(6) =	13.1577						
Design-based F(4.33, 4288.26) =	1.5840	Pr =	0.171				
Low healthcare utilizers							
Yes (n=89)	71.8	[60.0,81.1]	26.8	[17.6,38.4]	1.5	[0.2,9.8]	100.0
No (n=913)	63.4	[59.2,67.4]	33.8	[29.9,37.9]	2.9	[1.6,5.1]	100.0
Pearson: Uncorrected chi2(2) =	3.2545						
Design-based F(2.00, 1979.21) =	0.9816	Pr =	0.375				
High ER utilizers							
Yes (n=78)	65.3	[50.1,77.9]	34.7	[22.1,49.9]	0.0		100.0
No (n=924)	64.2	[60.1,68.1]	32.8	[29.1,36.8]	3.0	[1.7,5.2]	100.0
Pearson: Uncorrected chi2(2) =	2.6763						
Design-based F(1.98, 1961.95) =	0.6566	Pr =	0.517				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=359)	71.3	[65.1,76.8]	27.1	[21.7,33.3]	1.6	[0.8,3.1]	100.0
No chronic disease (n=643)	60.9	[55.9,65.7]	35.9	[31.2,40.8]	3.3	[1.7,6.3]	100.0
Pearson: Uncorrected chi2(2) =	11.1985						
Design-based F(1.93, 1908.33) =	4.2926	Pr =	0.015				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=638)	67.6	[62.8,72.0]	31.0	[26.6,35.8]	1.4	[0.7,2.7]	100.0
No MH/SA (n=364)	59.0	[52.3,65.5]	36.2	[30.0,42.8]	4.8	[2.2,10.1]	100.0
Pearson: Uncorrected chi2(2) =	14.6801						
Design-based F(2.00, 1978.09) =	4.5014	Pr =	0.011				
Total (n=1,002)	64.3	[60.4,68.1]	33.0	[29.3,36.8]	2.7	[1.5,4.7]	100.0

5.10.5 Doctor's office or clinic was not open

Universe: Respondents who did not try to contact their usual provider's office before going to the emergency room

	Yes		ER: doctor not open No		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category							
0-35% (n=443)	63.6	[58.0,68.9]	30.8	[25.9,36.2]	5.5	[3.3,9.2]	100.0
36-99% (n=321)	64.0	[57.3,70.2]	30.5	[24.6,37.0]	5.5	[3.3,9.1]	100.0
≥ 100% (n = 213)	63.1	[55.1,70.5]	31.1	[24.2,39.0]	5.8	[3.0,10.8]	100.0
Pearson: Uncorrected chi2(4) =	0.0371						
Design-based F(3.89, 3752.72) =	0.0072	Pr =	1.000				
Region							
UP/NW/NE (n=181)	63.7	[55.4,71.3]	35.0	[27.5,43.3]	1.3	[0.4,4.0]	100.0
W/E Central/E (n=293)	60.8	[54.1,67.1]	32.9	[26.9,39.5]	6.3	[3.7,10.4]	100.0
S Central/SW/SE (n=210)	56.9	[48.3,65.1]	33.1	[25.9,41.3]	9.9	[4.9,19.2]	100.0
Detroit Metro (n=293)	68.6	[62.0,74.5]	27.5	[21.8,34.0]	4.0	[2.3,6.7]	100.0
Pearson: Uncorrected chi2(6) =	17.9629						
Design-based F(4.94, 4764.48) =	2.3615	Pr =	0.038				
Low healthcare utilizers							
Yes (n=79)	43.9	[31.4,57.3]	49.2	[36.2,62.3]	6.9	[2.8,16.0]	100.0
No (n=898)	65.9	[61.9,69.7]	28.7	[25.1,32.5]	5.4	[3.7,7.8]	100.0
Pearson: Uncorrected chi2(2) =	19.6532						
Design-based F(1.99, 1915.79) =	5.7669	Pr =	0.003				
High ER utilizers							
Yes (n=74)	79.6	[67.3,88.2]	17.5	[9.5,29.9]	2.9	[1.0,8.0]	100.0
No (n=903)	62.1	[58.1,66.0]	32.0	[28.4,36.0]	5.8	[4.1,8.3]	100.0
Pearson: Uncorrected chi2(2) =	10.1924						
Design-based F(1.78, 1719.57) =	4.4259	Pr =	0.015				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=356)	64.0	[57.6,69.8]	30.1	[24.6,36.4]	5.9	[3.7,9.3]	100.0
No chronic disease (n=621)	63.5	[58.6,68.1]	31.1	[26.8,35.8]	5.4	[3.4,8.6]	100.0
Pearson: Uncorrected chi2(2) =	0.1701						
Design-based F(2.00, 1929.76) =	0.0568	Pr =	0.945				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=623)	63.6	[58.8,68.2]	32.0	[27.6,36.8]	4.3	[2.9,6.5]	100.0
No MH/SA (n=354)	63.6	[57.1,69.7]	28.8	[23.4,34.8]	7.6	[4.4,12.9]	100.0
Pearson: Uncorrected chi2(2) =	5.1946						
Design-based F(1.99, 1921.99) =	1.5787	Pr =	0.207				
Total (n=977)	63.6	[59.8,67.3]	30.8	[27.3,34.5]	5.6	[3.9,7.8]	100.0

5.10.6 Needed care at a time that would not make you miss work or school

Universe: Respondents who did not try to contact their usual provider's office before going to the emergency room

	Yes		ER: couldn't miss work/school				Total Row%
	Row%	95%CI	Row%	95%CI	Don't know Row%	95%CI	
FPL category							
0-35% (n=458)	23.5	[18.7,29.0]	74.6	[69.1,79.5]	1.9	[0.8,4.6]	100.0
36-99% (n=327)	27.5	[22.3,33.5]	71.1	[65.1,76.4]	1.4	[0.6,3.2]	100.0
≥ 100%(n = 217)	33.2	[26.2,40.9]	64.5	[56.7,71.5]	2.4	[0.9,5.9]	100.0
Pearson: Uncorrected chi2(4) =	7.4404						
Design-based F(3.73, 3688.61) =	1.5520	Pr =	0.188				
Region							
UP/NW/NE (n=183)	25.7	[18.9,33.8]	72.7	[64.5,79.6]	1.7	[0.5,5.3]	100.0
W/E Central/E (n=299)	21.3	[16.5,27.0]	78.2	[72.4,83.0]	0.6	[0.1,2.5]	100.0
S Central/SW/SE (n=216)	28.4	[21.2,36.8]	68.0	[59.3,75.6]	3.6	[1.2,10.2]	100.0
Detroit Metro (n=304)	28.2	[22.5,34.8]	69.9	[63.3,75.8]	1.9	[0.8,4.4]	100.0
Pearson: Uncorrected chi2(6) =	11.8294						
Design-based F(5.15, 5094.54) =	1.5838	Pr =	0.159				
Low healthcare utilizers							
Yes (n=89)	29.8	[19.4,42.7]	69.2	[56.3,79.7]	1.0	[0.1,6.9]	100.0
No (n=913)	25.6	[22.2,29.5]	72.4	[68.5,76.0]	2.0	[1.1,3.6]	100.0
Pearson: Uncorrected chi2(2) =	1.2701						
Design-based F(1.90, 1877.46) =	0.4144	Pr =	0.650				
High ER utilizers							
Yes (n=78)	26.8	[16.7,40.0]	69.9	[56.5,80.5]	3.4	[1.0,10.7]	100.0
No (n=924)	26.0	[22.5,29.9]	72.3	[68.4,75.8]	1.7	[0.9,3.3]	100.0
Pearson: Uncorrected chi2(2) =	1.2994						
Design-based F(1.96, 1941.24) =	0.4589	Pr =	0.628				
Chronic disease (HEDIS)							
Chronic disease (HEDIS) (n=359)	19.4	[15.1,24.6]	78.5	[73.1,83.1]	2.1	[0.8,5.1]	100.0
No chronic disease (n=643)	29.4	[25.0,34.2]	68.9	[64.0,73.4]	1.7	[0.8,3.7]	100.0
Pearson: Uncorrected chi2(2) =	11.4231						
Design-based F(1.99, 1967.12) =	3.7507	Pr =	0.024				
Mental health/substance use disorder (HEDIS)							
MH/SA (HEDIS) (n=638)	23.7	[19.8,28.0]	74.2	[69.7,78.2]	2.1	[1.0,4.5]	100.0
No MH/SA (n=364)	30.0	[24.1,36.6]	68.6	[62.0,74.5]	1.4	[0.7,3.1]	100.0
Pearson: Uncorrected chi2(2) =	5.2128						
Design-based F(1.95, 1930.20) =	1.7841	Pr =	0.169				
Total (n=1,002)	26.1	[22.7,29.8]	72.1	[68.3,75.5]	1.8	[1.0,3.3]	100.0

5.10.7 Other reason for not contacting usual provider before going to the emergency room

Universe: Respondents who did not try to contact their usual provider's office before going to the emergency room

	Yes		ER: other reason No		Total Row%
	Row%	95%CI	Row%	95%CI	
FPL category					
0-35% (n=456)	41.6	[36.1,47.3]	58.4	[52.7,63.9]	100.0
36-99% (n=327)	41.5	[35.4,47.9]	58.5	[52.1,64.6]	100.0
≥ 100%(n = 217)	36.7	[29.7,44.3]	63.3	[55.7,70.3]	100.0
Pearson: Uncorrected chi2(2) =	1.3811				
Design-based F(1.95, 1929.00) =	0.5648	Pr =	0.564		
Region					
UP/NW/NE (n=183)	43.2	[35.5,51.3]	56.8	[48.7,64.5]	100.0
W/E Central/E (n=298)	46.3	[39.9,53.0]	53.7	[47.0,60.1]	100.0
S Central/SW/SE (n=216)	43.0	[35.0,51.4]	57.0	[48.6,65.0]	100.0
Detroit Metro (n=303)	35.6	[29.4,42.3]	64.4	[57.7,70.6]	100.0
Pearson: Uncorrected chi2(3) =	8.9743				
Design-based F(2.67, 2639.30) =	2.3750	Pr =	0.076		
Low healthcare utilizers					
Yes (n=89)	37.6	[26.7,50.0]	62.4	[50.0,73.3]	100.0
No (n=911)	41.1	[37.2,45.2]	58.9	[54.8,62.8]	100.0
Pearson: Uncorrected chi2(1) =	0.4989				
Design-based F(1.00, 988.00) =	0.2901	Pr =	0.590		
High ER utilizers					
Yes (n=78)	32.1	[20.9,45.9]	67.9	[54.1,79.1]	100.0
No (n=922)	41.6	[37.6,45.6]	58.4	[54.4,62.4]	100.0
Pearson: Uncorrected chi2(1) =	2.9444				
Design-based F(1.00, 988.00) =	1.7672	Pr =	0.184		
Chronic disease (HEDIS)					
Chronic disease (HEDIS) (n=358)	39.4	[33.5,45.6]	60.6	[54.4,66.5]	100.0
No chronic disease (n=642)	41.4	[36.7,46.3]	58.6	[53.7,63.3]	100.0
Pearson: Uncorrected chi2(1) =	0.3772				
Design-based F(1.00, 988.00) =	0.2594	Pr =	0.611		
Mental health/substance use disorder (HEDIS)					
MH/SA (HEDIS) (n=636)	41.2	[36.6,46.0]	58.8	[54.0,63.4]	100.0
No MH/SA (n=364)	39.9	[33.7,46.5]	60.1	[53.5,66.3]	100.0
Pearson: Uncorrected chi2(1) =	0.1685				
Design-based F(1.00, 988.00) =	0.1031	Pr =	0.748		
Total (n=1,000)	40.7	[37.0,44.6]	59.3	[55.4,63.0]	100.0

5.11 Q: Compared to before you had the Healthy Michigan Plan, how likely are you to contact your usual doctor's office before going to the emergency room?

Universe: All respondents

	More/Less likely to contact usual doctor								
	More likely		Less likely		About as likely		Don't know		Total
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%
FPL category									
0-35% (n=1,597)	63.4	[60.4,66.4]	10.0	[8.2,12.1]	21.5	[19.0,24.3]	5.0	[3.8,6.5]	100.0
36-99% (n=1,446)	65.7	[62.6,68.6]	6.1	[4.7,7.8]	24.3	[21.7,27.2]	3.9	[2.9,5.4]	100.0
≥ 100%(n = 1,038)	63.3	[59.7,66.7]	7.1	[5.4,9.2]	27.4	[24.2,30.9]	2.2	[1.5,3.3]	100.0
Pearson: Uncorrected chi2(6) =	36.8077								
Design-based F(5.70, 23212.89) =	4.5612		Pr =	0.000					
Region									
UP/NW/NE (n=743)	65.7	[61.7,69.5]	5.3	[3.9,7.2]	25.3	[21.8,29.1]	3.7	[2.4,5.6]	100.0
W/E Central/E (n=1,262)	64.6	[61.4,67.7]	7.6	[6.0,9.6]	24.1	[21.4,27.0]	3.7	[2.6,5.3]	100.0
S Central/SW/SE (n=836)	66.6	[62.6,70.3]	7.0	[5.2,9.2]	23.3	[20.1,27.0]	3.1	[2.1,4.7]	100.0
Detroit Metro (n=1,240)	62.2	[58.8,65.6]	9.9	[8.0,12.4]	22.8	[20.0,25.9]	5.0	[3.7,6.7]	100.0
Pearson: Uncorrected chi2(9) =	20.5762								
Design-based F(7.88, 32082.76) =	1.8124		Pr =	0.071					
Low healthcare utilizers									
Yes (n=488)	53.3	[47.5,59.1]	14.5	[10.6,19.5]	25.6	[21.0,30.9]	6.6	[4.3,9.9]	100.0
No (n=3,593)	66.0	[63.9,67.9]	7.2	[6.2,8.4]	23.1	[21.4,25.0]	3.7	[3.0,4.6]	100.0
Pearson: Uncorrected chi2(3) =	58.2318								
Design-based F(2.97, 12082.09) =	9.3372		Pr =	0.000					
High ER utilizers									
Yes (n=156)	62.9	[52.4,72.3]	12.7	[6.7,22.8]	13.0	[8.1,20.2]	11.3	[5.7,21.2]	100.0
No (n=3,925)	64.1	[62.1,66.0]	8.1	[7.0,9.3]	24.0	[22.3,25.8]	3.8	[3.1,4.6]	100.0
Pearson: Uncorrected chi2(3) =	36.9278								
Design-based F(2.85, 11591.07) =	5.6964		Pr =	0.001					
Chronic disease (HEDIS)									
Chronic disease (HEDIS) (n=1,157)	65.9	[62.4,69.3]	7.0	[5.4,8.9]	22.9	[19.9,26.2]	4.2	[2.9,6.1]	100.0
No chronic disease (n=2,924)	63.4	[61.1,65.7]	8.8	[7.4,10.3]	23.7	[21.8,25.8]	4.1	[3.3,5.2]	100.0
Pearson: Uncorrected chi2(3) =	3.9186								
Design-based F(2.99, 12167.09) =	0.8480		Pr =	0.467					
Mental health/substance use disorder (HEDIS)									
MH/SA (HEDIS) (n=2,029)	65.8	[63.1,68.5]	7.6	[6.2,9.4]	22.7	[20.4,25.2]	3.8	[2.8,5.1]	100.0
No MH/SA (n=2,052)	62.4	[59.6,65.1]	8.9	[7.4,10.8]	24.2	[21.9,26.7]	4.5	[3.5,5.7]	100.0
Pearson: Uncorrected chi2(3) =	6.0295								
Design-based F(2.99, 12175.67) =	1.1411		Pr =	0.331					
Total (n=4,081)	64.0	[62.1,65.9]	8.3	[7.2,9.6]	23.5	[21.8,25.2]	4.2	[3.4,5.0]	100.0

Appendix B: Tables for Individual and Community Factors Analyses

Table 1: Individual and community-level predictors of needing help with reading written materials (scale 1-5)

	Individual		Community		Combined	
Age						
19-34	Reference		Reference		Reference	
35-50	1.11	[0.87, 1.41]			1.11	[0.87, 1.42]
51-64	1.19	[0.94, 1.51]			1.18	[0.93, 1.50]
Gender						
M	Reference		Reference		Reference	
F	0.70***	[0.57, 0.85]			0.69***	[0.57, 0.85]
Race						
White	Reference		Reference		Reference	
Black/AA	0.99	[0.79, 1.26]			0.85	[0.65, 1.10]
Other	2.04***	[1.40, 2.97]			1.75**	[1.18, 2.60]
More than one	2.17***	[1.37, 3.43]			2.01**	[1.26, 3.21]
Hispanic	1.31	[0.78, 2.20]			1.32	[0.79, 2.19]
FPL						
0-35%	Reference		Reference		Reference	
36-99%	0.66***	[0.53, 0.82]			0.66***	[0.53, 0.81]
>=100%	0.70**	[0.55, 0.88]			0.71**	[0.56, 0.90]
Any insurance pre-HMP	0.66**	[0.51, 0.85]			0.68**	[0.52, 0.87]
Previous Medicaid insurance	1.53**	[1.12, 2.09]			1.52**	[1.11, 2.08]
Seen PCP in past 12 months	1.12	[0.83, 1.51]			1.13	[0.83, 1.53]
Any chronic condition	1.71***	[1.36, 2.17]			1.69***	[1.34, 2.14]
HS graduates (%) ¹						
50.9-86.3	Reference		Reference		Reference	
86.4-90.5			0.83	[0.63, 1.10]	0.89	[0.65, 1.20]
90.6-100			0.63*	[0.43, 0.92]	0.71	[0.47, 1.07]
College graduates (%) ¹						
3-14.8	Reference		Reference		Reference	
14.9-22.7			1.00	[0.78, 1.29]	0.96	[0.73, 1.26]
22.8-100			1.38*	[1.02, 1.86]	1.34	[0.98, 1.85]
Below poverty (%) ¹						
0-14	Reference		Reference		Reference	
14.1-22.6			1.05	[0.80, 1.37]	1.06	[0.79, 1.42]
22.7-56.3			0.97	[0.72, 1.32]	1.05	[0.74, 1.48]
Uninsured (%) ¹						
2.5-11.1	Reference		Reference		Reference	
11.2-14.3			1.12	[0.86, 1.46]	1.02	[0.76, 1.37]
14.4-28.2			1.19	[0.87, 1.63]	1.20	[0.85, 1.69]
Medicaid (%) ¹						
0-2.5	Reference		Reference		Reference	
2.6-3.4			0.96	[0.77, 1.20]	0.96	[0.75, 1.22]
3.5-10.4			0.96	[0.76, 1.22]	0.95	[0.73, 1.23]
Limited English (%) ¹						
0-0.7	Reference		Reference		Reference	
0.8-1.9			0.95	[0.75, 1.21]	0.94	[0.73, 1.21]
2-34.1			1.06	[0.83, 1.35]	0.98	[0.75, 1.28]
Observations	3742		4044		3705	

Ordered logistic regression predicting frequency of needing help with written materials (1 = Never - 5 = Always). Columns represent 3 separate models, each adjusted for the covariates shown. See methods for further explanation.

Adjusted odds ratios; 95% confidence intervals in brackets

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

¹ Data from American Community Survey, 2013 and 2015, grouped by tertiles at zip code level.

Table 2: Individual and community-level predictors of knowledge and understanding of HMP coverage (scale 0-4)

	Individual		Community		Combined	
Age						
19-34	Reference		Reference		Reference	
35-50	1.10	[0.91, 1.32]			1.07	[0.89, 1.30]
51-64	1.15	[0.95, 1.38]			1.14	[0.94, 1.37]
Gender						
M	Reference		Reference		Reference	
F	1.52***	[1.29, 1.78]			1.52***	[1.29, 1.78]
Race						
White	Reference		Reference		Reference	
Black/AA	1.31**	[1.08, 1.60]			1.42**	[1.14, 1.76]
Other	1.25	[0.93, 1.67]			1.33	[0.99, 1.79]
More than one	1.19	[0.79, 1.79]			1.23	[0.81, 1.86]
Hispanic	1.23	[0.80, 1.89]			1.16	[0.76, 1.77]
FPL						
0-35%	Reference		Reference		Reference	
36-99%	0.99	[0.83, 1.17]			0.98	[0.82, 1.16]
>=100%	0.91	[0.76, 1.09]			0.89	[0.74, 1.07]
Any insurance pre-HMP	1.00	[0.83, 1.20]			Reference	
Previous Medicaid insurance	1.07	[0.85, 1.34]			1.06	[0.84, 1.34]
Seen PCP in past 12 months	1.42**	[1.12, 1.80]			1.41**	[1.11, 1.80]
Any chronic condition	1.43***	[1.20, 1.71]			1.42***	[1.19, 1.70]
HS graduates (%) ¹						
50.9-86.3	Reference		Reference		Reference	
86.4-90.5			1.19	[0.95, 1.50]	1.12	[0.87, 1.44]
90.6-100			1.13	[0.83, 1.53]	1.04	[0.75, 1.43]
College graduates (%) ¹						
3-14.8	Reference		Reference		Reference	
14.9-22.7			0.90	[0.74, 1.10]	0.95	[0.77, 1.17]
22.8-100			0.99	[0.76, 1.28]	1.00	[0.76, 1.31]
Below poverty (%) ¹						
0-14	Reference		Reference		Reference	
14.1-22.6			0.99	[0.80, 1.21]	0.93	[0.75, 1.15]
22.7-56.3			1.00	[0.78, 1.28]	0.83	[0.63, 1.09]
Uninsured (%) ¹						
2.5-11.1	Reference		Reference		Reference	
11.2-14.3			1.11	[0.92, 1.35]	1.10	[0.90, 1.34]
14.4-28.2			1.08	[0.85, 1.37]	1.06	[0.82, 1.37]
Medicaid (%) ¹						
0-2.5	Reference		Reference		Reference	
2.6-3.4			1.10	[0.92, 1.31]	1.08	[0.90, 1.30]
3.5-10.4			1.17	[0.96, 1.42]	1.16	[0.95, 1.42]
Limited English (%) ¹						
0-0.7	Reference		Reference		Reference	
0.8-1.9			0.94	[0.78, 1.13]	0.94	[0.77, 1.14]
2-34.1			0.95	[0.77, 1.17]	0.99	[0.80, 1.22]
Observations	3745		4049		3708	

Ordered logistic regression predicting understanding HMP coverage in four areas: dental, eyeglasses, mental health, and prescription drugs (0 = None - 4 = All). Columns represent 3 separate models, each adjusted for the covariates shown. See methods for further explanation.

Adjusted odds ratios; 95% confidence intervals in brackets

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

¹ Data from American Community Survey, 2013 and 2015, grouped by tertiles at zip code level.

Table 3: Individual and community-level predictors of knowledge and understanding of HMP cost-sharing (scale 0-5)

	Individual		Community		Combined	
Age						
19-34	Reference				Reference	
35-50	0.87	[0.71, 1.05]			0.87	[0.71, 1.05]
51-64	1.04	[0.85, 1.27]			1.05	[0.86, 1.27]
Gender						
M	Reference				Reference	
F	0.86	[0.74, 1.01]			0.86	[0.74, 1.01]
Race						
White	Reference				Reference	
Black/AA	1.00	[0.82, 1.22]			1.05	[0.83, 1.32]
Other	0.80	[0.55, 1.17]			0.82	[0.55, 1.21]
More than one	0.93	[0.60, 1.46]			1.00	[0.64, 1.56]
Hispanic	0.97	[0.62, 1.50]			0.96	[0.61, 1.50]
FPL						
0-35%	Reference				Reference	
36-99%	1.25*	[1.04, 1.49]			1.24*	[1.04, 1.48]
>=100%	1.62***	[1.34, 1.94]			1.60***	[1.33, 1.93]
Any insurance pre-HMP	0.99	[0.81, 1.21]			0.99	[0.80, 1.21]
Previous Medicaid insurance	0.91	[0.72, 1.16]			0.90	[0.71, 1.15]
Seen PCP in past 12 months	1.16	[0.90, 1.49]			1.15	[0.90, 1.48]
Any chronic condition	1.10	[0.92, 1.33]			1.10	[0.91, 1.33]
HS graduates (%) ¹						
50.9-86.3	Reference		Reference		Reference	
86.4-90.5			1.01	[0.79, 1.28]	1.00	[0.77, 1.29]
90.6-100			1.13	[0.83, 1.52]	1.05	[0.75, 1.45]
College graduates (%) ¹						
3-14.8	Reference		Reference		Reference	
14.9-22.7			0.93	[0.75, 1.16]	0.97	[0.78, 1.22]
22.8-100			0.85	[0.66, 1.10]	0.87	[0.66, 1.14]
Below poverty (%) ¹						
0-14	Reference		Reference		Reference	
14.1-22.6			0.82*	[0.67, 1.00]	0.80*	[0.65, 0.99]
22.7-56.3			0.90	[0.71, 1.14]	0.87	[0.67, 1.14]
Uninsured (%) ¹						
2.5-11.1	Reference		Reference		Reference	
11.2-14.3			1.01	[0.83, 1.22]	1.03	[0.84, 1.26]
14.4-28.2			0.85	[0.67, 1.08]	0.96	[0.74, 1.24]
Medicaid (%) ¹						
0-2.5	Reference		Reference		Reference	
2.6-3.4			1.10	[0.92, 1.31]	1.11	[0.92, 1.35]
3.5-10.4			1.09	[0.89, 1.33]	1.06	[0.86, 1.30]
Limited English (%) ¹						
0-0.7	Reference		Reference		Reference	
0.8-1.9			1.04	[0.86, 1.26]	1.08	[0.89, 1.31]
2-34.1			1.04	[0.85, 1.27]	1.10	[0.89, 1.37]
Observations	3745		4049		3708	

Ordered logistic regression predicting understanding HMP cost sharing in 5 different areas: contributions, maximum out of pocket, dropped for failure to pay, reduction in fees, and services with no copay (0 = None - 5 = All). Columns represent 3 separate models, each adjusted for the covariates shown. See methods for further explanation.

Adjusted odds ratios; 95% confidence intervals in brackets; * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

¹ Data from American Community Survey, 2013 and 2015, grouped by tertiles at zip code level.

Table 4: Individual and community-level predictors of sweetened drink consumption (# days in the past 7 days)

	Individual		Community		Combined	
Age						
19-34	Reference				Reference	
35-50	0.82*	[0.68, 0.99]			0.79*	[0.65, 0.96]
51-64	0.51***	[0.42, 0.62]			0.50***	[0.41, 0.62]
Gender						
M	Reference				Reference	
F	0.78**	[0.66, 0.90]			0.79**	[0.67, 0.93]
Race						
White	Reference				Reference	
Black/AA	1.08	[0.90, 1.30]			1.02	[0.81, 1.29]
Other	0.64***	[0.50, 0.83]			0.66**	[0.49, 0.89]
More than one	0.94	[0.65, 1.35]			0.89	[0.61, 1.31]
Hispanic	0.98	[0.72, 1.34]			0.90	[0.64, 1.27]
FPL						
0-35%	Reference				Reference	
36-99%	0.93	[0.78, 1.10]			0.93	[0.77, 1.11]
>=100%	0.87	[0.72, 1.05]			0.87	[0.71, 1.06]
Any chronic disease	1.01	[0.84, 1.22]			0.99	[0.82, 1.21]
1+ days poor physical health	1.17	[0.99, 1.37]			1.16	[0.97, 1.37]
1+ days poor mental health	1.21*	[1.02, 1.43]			1.23*	[1.03, 1.47]
Seen PCP in past 12 months	0.83	[0.66, 1.06]			0.85	[0.66, 1.09]
Employed or self-employed	1.12	[0.95, 1.32]			1.11	[0.94, 1.32]
Needs help reading						
Never	Reference				Reference	
Rarely	1.18	[0.96, 1.46]			1.24	[0.98, 1.57]
Sometimes	0.90	[0.69, 1.16]			0.90	[0.68, 1.19]
Often	1.35	[0.81, 2.25]			1.44	[0.85, 2.44]
Always	1.10	[0.68, 1.77]			1.05	[0.62, 1.78]
HS graduates (%) ¹						
50.9-86.3	Reference		Reference		Reference	
86.4-90.5			1.01	[0.80, 1.28]	0.91	[0.70, 1.18]
90.6-100			0.87	[0.65, 1.18]	0.84	[0.60, 1.18]
College graduates (%) ¹						
3-14.8	Reference		Reference		Reference	
14.9-22.7			1.04	[0.84, 1.29]	1.05	[0.84, 1.32]
22.8-100			0.89	[0.69, 1.16]	0.93	[0.70, 1.23]
Below poverty (%) ¹						
0-14	Reference		Reference		Reference	
14.1-22.6			0.89	[0.69, 1.16]	0.92	[0.69, 1.22]
22.7-56.3			0.84	[0.58, 1.20]	0.78	[0.53, 1.14]
Unemployed (%) ¹						
0-8.5	Reference		Reference		Reference	
8.6-12.8			1.06	[0.82, 1.36]	1.12	[0.86, 1.45]
12.9-35.3			0.88	[0.62, 1.25]	0.88	[0.60, 1.28]
SNAP/food stamps (%) ¹						
0-14.7	Reference		Reference		Reference	
14.8-23.1			1.31*	[1.02, 1.69]	1.38*	[1.05, 1.82]
23.2-55.8			1.71**	[1.15, 2.54]	1.88**	[1.23, 2.88]
Number of liquor stores ¹						
0	Reference		Reference		Reference	
1-5			0.97	[0.77, 1.23]	1.00	[0.78, 1.28]
6-22			0.89	[0.68, 1.18]	0.92	[0.69, 1.24]

Continued on next page

Continued from previous page

PCP ratio ²			
579-1135		Reference	Reference
1136-1695		1.06 [0.80, 1.40]	1.09 [0.82, 1.46]
1734-6531		1.28 [1.00, 1.66]	1.36* [1.04, 1.79]
Preventable hospitalization			
28-51		Reference	Reference
52-64		0.97 [0.74, 1.26]	1.02 [0.77, 1.34]
65-97		0.98 [0.75, 1.29]	1.01 [0.76, 1.34]
Violent crime rate ²			
42-323		Reference	Reference
236-409		0.98 [0.77, 1.23]	0.92 [0.72, 1.18]
472-1089		1.03 [0.77, 1.39]	0.89 [0.65, 1.21]
Injury death rate ²			
40-60		Reference	Reference
61-72		0.90 [0.72, 1.13]	0.93 [0.73, 1.18]
73-107		1.13 [0.84, 1.53]	1.21 [0.88, 1.65]
Drug overdose mortality rate ²			
5-13		Reference	Reference
14-21		1.13 [0.90, 1.40]	1.06 [0.84, 1.34]
22-30		0.92 [0.65, 1.31]	0.92 [0.63, 1.35]
Observations	3778	3608	3324

Ordered logistic regression predicting frequency of drinking sweet beverages (1 = 0 days - 4 = Every day). Columns represent 3 separate models, each adjusted for the covariates shown. See methods for further explanation.

Adjusted odds ratios; 95% confidence intervals in brackets

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

¹ Data from American Community Survey, 2013 and 2015, grouped by tertiles at zip code level.

² Data from RWJF County Health Rankings, grouped by tertiles at county level.

Table 5: Individual and community-level predictors of exercise (# days in past 7 days)

	Individual		Community		Combined	
Age						
19-34	Reference		Reference		Reference	
35-50	0.96	[0.80, 1.15]			0.96	[0.79, 1.16]
51-64	1.31**	[1.10, 1.57]			1.28*	[1.06, 1.56]
Gender						
M	Reference		Reference		Reference	
F	0.78**	[0.67, 0.91]			0.77**	[0.66, 0.91]
Race						
White	Reference		Reference		Reference	
Black/AA	0.83*	[0.69, 1.00]			0.85	[0.68, 1.07]
Other	0.81	[0.58, 1.12]			0.79	[0.55, 1.13]
More than one	1.16	[0.80, 1.69]			1.09	[0.73, 1.65]
Hispanic	1.39	[0.96, 2.02]			1.47	[0.98, 2.20]
FPL						
0-35%	Reference		Reference		Reference	
36-99%	1.08	[0.91, 1.28]			1.13	[0.94, 1.36]
>=100%	1.01	[0.84, 1.22]			1.04	[0.86, 1.26]
Any chronic disease	1.09	[0.91, 1.30]			1.12	[0.92, 1.35]
1+ days poor physical health	0.86	[0.73, 1.02]			0.85	[0.71, 1.01]
1+ days poor mental health	0.80**	[0.68, 0.95]			0.79**	[0.66, 0.94]
Seen PCP in past 12 months	0.99	[0.78, 1.24]			0.96	[0.76, 1.22]
Employed or self-employed	1.33***	[1.13, 1.56]			1.31**	[1.11, 1.55]
Needs help reading						
Never	Reference		Reference		Reference	
Rarely	0.82	[0.65, 1.03]			0.78*	[0.62, 1.00]
Sometimes	0.86	[0.63, 1.17]			0.88	[0.64, 1.22]
Often	0.69	[0.39, 1.20]			0.73	[0.42, 1.29]
Always	0.80	[0.49, 1.31]			0.86	[0.50, 1.46]
HS graduates (%) ¹						
50.9-86.3	Reference		Reference		Reference	
86.4-90.5			1.18	[0.91, 1.52]	1.16	[0.88, 1.52]
90.6-100			1.30	[0.95, 1.78]	1.27	[0.91, 1.78]
College graduates (%) ¹						
3-14.8	Reference		Reference		Reference	
14.9-22.7			1.03	[0.82, 1.30]	1.02	[0.80, 1.29]
22.8-100			0.99	[0.75, 1.31]	0.93	[0.69, 1.25]
Below poverty (%) ¹						
0-14	Reference		Reference		Reference	
14.1-22.6			1.15	[0.88, 1.50]	1.19	[0.89, 1.61]
22.7-56.3			1.18	[0.82, 1.72]	1.27	[0.84, 1.92]
Unemployed (%) ¹						
0-8.5	Reference		Reference		Reference	
8.6-12.8			1.29*	[1.01, 1.65]	1.26	[0.97, 1.64]
12.9-35.3			1.50*	[1.06, 2.12]	1.60*	[1.11, 2.30]
SNAP/food stamps (%) ¹						
0-14.7	Reference		Reference		Reference	
14.8-23.1			0.92	[0.71, 1.20]	0.90	[0.68, 1.21]
23.2-55.8			0.89	[0.59, 1.36]	0.80	[0.51, 1.25]
Number of liquor stores ¹						
0	Reference		Reference		Reference	
1-5			0.73**	[0.58, 0.92]	0.66***	[0.52, 0.84]
6-22			0.74*	[0.57, 0.96]	0.72*	[0.54, 0.95]

Continued on next page

Continued from previous page

PCP ratio ²			
579-1135		Reference	Reference
1136-1695		1.05 [0.80, 1.37]	1.13 [0.85, 1.51]
1734-6531		1.29 [1.00, 1.66]	1.24 [0.94, 1.64]
Preventable hospitalization			
28-51		Reference	Reference
52-64		0.93 [0.72, 1.21]	1.06 [0.81, 1.39]
65-97		0.93 [0.71, 1.22]	1.03 [0.77, 1.39]
Violent crime rate ²			
42-323		Reference	Reference
236-409		1.12 [0.88, 1.42]	1.16 [0.90, 1.50]
472-1089		1.06 [0.78, 1.42]	1.01 [0.74, 1.38]
Injury death rate ²			
40-60		Reference	Reference
61-72		0.95 [0.76, 1.18]	0.92 [0.72, 1.17]
73-107		0.91 [0.67, 1.23]	0.87 [0.63, 1.20]
Drug overdose mortality rate ²			
5-13		Reference	Reference
14-21		0.98 [0.78, 1.22]	0.98 [0.78, 1.25]
22-30		0.94 [0.66, 1.33]	0.95 [0.66, 1.39]
	3772	3604	3321

Ordered logistic regression predicting frequency of exercise (1 = 0 days - 4 = Every day). Columns represent 3 separate models, each adjusted for the covariates shown. See methods for further explanation.

Adjusted odds ratios; 95% confidence intervals in brackets

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

¹ Data from American Community Survey, 2013 and 2015, grouped by tertiles at zip code level.

² Data from RWJF County Health Rankings, grouped by tertiles at county level.

Table 6: Individual and community-level predictors of eating fruits and vegetables (# days in past 7 days)

	Individual		Community		Combined	
Age						
19-34	Reference				Reference	
35-50	1.20	[0.99, 1.45]			1.22	[1.00, 1.49]
51-64	1.31**	[1.08, 1.58]			1.36**	[1.12, 1.66]
Gender						
M	Reference				Reference	
F	1.45***	[1.24, 1.70]			1.45***	[1.23, 1.71]
Race						
White	Reference				Reference	
Black/AA	0.97	[0.80, 1.16]			0.99	[0.79, 1.23]
Other	0.99	[0.68, 1.44]			1.00	[0.67, 1.48]
More than one	1.09	[0.69, 1.70]			1.15	[0.71, 1.87]
Hispanic	1.66*	[1.07, 2.58]			1.64*	[1.03, 2.59]
FPL						
0-35%	Reference				Reference	
36-99%	1.11	[0.92, 1.34]			1.16	[0.95, 1.42]
>=100%	1.13	[0.93, 1.38]			1.17	[0.95, 1.44]
Any chronic disease	0.88	[0.73, 1.07]			0.90	[0.73, 1.10]
1+ days poor physical health	1.01	[0.87, 1.19]			1.01	[0.85, 1.20]
1+ days poor mental health	0.66***	[0.57, 0.78]			0.65***	[0.55, 0.77]
Seen PCP in past 12 months	1.15	[0.89, 1.49]			1.14	[0.87, 1.50]
Employed or self-employed	0.97	[0.82, 1.15]			0.92	[0.77, 1.11]
Needs help reading						
Never	Reference				Reference	
Rarely	0.92	[0.72, 1.18]			0.94	[0.72, 1.23]
Sometimes	0.89	[0.66, 1.21]			0.89	[0.65, 1.22]
Often	0.76	[0.49, 1.17]			0.71	[0.45, 1.13]
Always	1.08	[0.69, 1.69]			1.04	[0.65, 1.67]
HS graduates (%) ¹						
50.9-86.3	Reference		Reference		Reference	
86.4-90.5			1.11	[0.87, 1.41]	1.19	[0.92, 1.54]
90.6-100			1.08	[0.79, 1.47]	1.11	[0.79, 1.55]
College graduates (%) ¹						
3-14.8	Reference		Reference		Reference	
14.9-22.7			1.14	[0.91, 1.44]	1.10	[0.86, 1.39]
22.8-100			0.97	[0.72, 1.29]	0.93	[0.69, 1.25]
Below poverty (%) ¹						
0-14	Reference		Reference		Reference	
14.1-22.6			1.04	[0.82, 1.33]	1.04	[0.80, 1.35]
22.7-56.3			1.20	[0.85, 1.69]	1.26	[0.87, 1.82]
Unemployed (%) ¹						
0-8.5	Reference		Reference		Reference	
8.6-12.8			1.04	[0.83, 1.32]	1.01	[0.79, 1.28]
12.9-35.3			0.89	[0.64, 1.23]	0.84	[0.60, 1.18]
SNAP/food stamps (%) ¹						
0-14.7	Reference		Reference		Reference	
14.8-23.1			0.76*	[0.59, 0.97]	0.75*	[0.57, 0.98]
23.2-55.8			0.77	[0.52, 1.14]	0.77	[0.51, 1.17]
Number of liquor stores ¹						
0	Reference		Reference		Reference	
1-5			1.12	[0.89, 1.42]	1.08	[0.84, 1.39]
6-22			1.06	[0.82, 1.39]	1.02	[0.76, 1.36]

Continued on next page

Continued from previous page

PCP ratio ²			
579-1135		Reference	Reference
1136-1695		1.03 [0.77, 1.37]	1.09 [0.80, 1.47]
1734-6531		1.00 [0.78, 1.29]	0.99 [0.76, 1.29]
Preventable hospitalization			
28-51		Reference	Reference
52-64		0.96 [0.73, 1.25]	0.96 [0.73, 1.26]
65-97		0.91 [0.70, 1.18]	0.93 [0.70, 1.24]
Violent crime rate ²			
42-323		Reference	Reference
236-409		0.78* [0.61, 0.99]	0.78 [0.61, 1.01]
472-1089		0.94 [0.71, 1.24]	0.95 [0.71, 1.26]
Injury death rate ²			
40-60		Reference	Reference
61-72		1.00 [0.79, 1.27]	1.00 [0.78, 1.27]
73-107		0.95 [0.71, 1.27]	0.95 [0.69, 1.29]
Drug overdose mortality rate ²			
5-13		Reference	Reference
14-21		1.11 [0.88, 1.39]	1.14 [0.90, 1.45]
22-30		1.38 [0.97, 1.95]	1.41 [0.97, 2.07]
Observations	3758	3586	3305

Ordered logistic regression predicting frequency of eating fruits and vegetables (1 = 0 days - 4 = Every day). Columns represent 3 separate models, each adjusted for the covariates shown. See methods for further explanation.

Adjusted odds ratios; 95% confidence intervals in brackets

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

¹ Data from American Community Survey, 2013 and 2015, grouped by tertiles at zip code level.

² Data from RWJF County Health Rankings, grouped by tertiles at county level.

Table 7: Individual and community-level predictors of binge drinking (#days in past 7 days)

	Individual		Community		Combined	
Age						
19-34	Reference				Reference	
35-50	1.30	[1.00, 1.71]			1.35*	[1.01, 1.80]
51-64	1.17	[0.88, 1.56]			1.23	[0.91, 1.67]
Gender						
M	Reference				Reference	
F	0.62***	[0.50, 0.78]			0.62***	[0.49, 0.79]
Race						
White	Reference				Reference	
Black/AA	1.50**	[1.17, 1.93]			1.78***	[1.27, 2.49]
Other	0.54*	[0.32, 0.93]			0.60	[0.33, 1.10]
More than one	0.95	[0.54, 1.67]			1.00	[0.53, 1.88]
Hispanic	1.36	[0.80, 2.32]			1.51	[0.84, 2.73]
FPL						
0-35%	Reference				Reference	
36-99%	0.84	[0.64, 1.09]			0.76	[0.57, 1.01]
>=100%	0.90	[0.67, 1.21]			0.87	[0.64, 1.18]
Any chronic disease	0.99	[0.76, 1.29]			0.97	[0.73, 1.28]
1+ days poor physical health	1.02	[0.80, 1.29]			1.07	[0.83, 1.38]
1+ days poor mental health	1.24	[0.97, 1.59]			1.23	[0.95, 1.60]
Seen PCP in past 12 months	0.98	[0.69, 1.38]			0.97	[0.67, 1.39]
Employed or self-employed	1.38*	[1.07, 1.77]			1.47**	[1.12, 1.92]
Needs help reading						
Never	Reference				Reference	
Rarely	0.89	[0.62, 1.27]			0.81	[0.55, 1.20]
Sometimes	0.67	[0.43, 1.03]			0.57*	[0.35, 0.92]
Often	1.02	[0.48, 2.18]			0.98	[0.43, 2.25]
Always	0.34***	[0.19, 0.63]			0.29***	[0.15, 0.56]
HS graduates (%) ¹						
50.9-86.3	Reference				Reference	
86.4-90.5			0.99	[0.69, 1.42]	0.92	[0.60, 1.41]
90.6-100			1.07	[0.67, 1.71]	0.98	[0.58, 1.65]
College graduates (%) ¹						
3-14.8	Reference				Reference	
14.9-22.7			0.89	[0.67, 1.17]	0.96	[0.70, 1.31]
22.8-100			0.94	[0.64, 1.38]	0.89	[0.57, 1.37]
Below poverty (%) ¹						
0-14	Reference				Reference	
14.1-22.6			0.99	[0.69, 1.40]	0.98	[0.68, 1.41]
22.7-56.3			1.31	[0.78, 2.20]	1.05	[0.57, 1.91]
Unemployed (%) ¹						
0-8.5	Reference				Reference	
8.6-12.8			0.95	[0.68, 1.34]	0.97	[0.67, 1.40]
12.9-35.3			1.09	[0.68, 1.76]	0.95	[0.56, 1.63]
SNAP/food stamps (%) ¹						
0-14.7	Reference				Reference	
14.8-23.1			0.89	[0.63, 1.25]	0.75	[0.52, 1.08]
23.2-55.8			0.85	[0.49, 1.47]	0.79	[0.42, 1.48]
Number of liquor stores ¹						
0	Reference				Reference	
1-5			0.89	[0.65, 1.22]	0.80	[0.57, 1.12]
6-22			1.04	[0.72, 1.49]	0.94	[0.62, 1.41]

Continued on next page

Continued from previous page

PCP ratio ²			
579-1135		Reference	Reference
1136-1695		1.10 [0.73, 1.65]	0.96 [0.62, 1.51]
1734-6531		1.11 [0.77, 1.60]	1.13 [0.74, 1.72]
Preventable hospitalization			
28-51		Reference	Reference
52-64		0.91 [0.64, 1.30]	0.87 [0.59, 1.29]
65-97		0.76 [0.52, 1.12]	0.69 [0.45, 1.05]
Violent crime rate ²			
42-323		Reference	Reference
236-409		0.98 [0.69, 1.38]	0.96 [0.66, 1.40]
472-1089		1.05 [0.68, 1.63]	1.21 [0.73, 2.00]
Injury death rate ²			
40-60		Reference	Reference
61-72		1.14 [0.81, 1.60]	1.30 [0.89, 1.88]
73-107		0.97 [0.63, 1.50]	0.96 [0.59, 1.58]
Drug overdose mortality rate ²			
5-13		Reference	Reference
14-21		0.98 [0.68, 1.40]	0.99 [0.67, 1.47]
22-30		1.02 [0.61, 1.68]	0.93 [0.53, 1.62]
Observations	3776	3607	3323

Ordered logistic regression predicting frequency of binge drinking (1 = 0 days - 4 = Every day). Columns represent 3 separate models, each adjusted for the covariates shown. See methods for further explanation.

Adjusted odds ratios; 95% confidence intervals in brackets

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

¹ Data from American Community Survey, 2013 and 2015, grouped by tertiles at zip code level.

² Data from RWJF County Health Rankings, grouped by tertiles at county level.

Table 8: Individual and community-level predictors of smoking/tobacco use in past 30 days

	Individual		Community		Combined	
Age						
19-34	Reference				Reference	
35-50	1.42**	[1.14, 1.77]			1.47**	[1.16, 1.86]
51-64	1.39**	[1.12, 1.73]			1.45**	[1.14, 1.83]
Gender						
M	Reference				Reference	
F	0.71***	[0.60, 0.85]			0.70***	[0.58, 0.85]
Race						
White	Reference				Reference	
Black/AA	0.73**	[0.58, 0.91]			0.74*	[0.56, 0.98]
Other	0.77	[0.52, 1.14]			0.76	[0.50, 1.16]
More than one	0.68	[0.42, 1.10]			0.63	[0.37, 1.06]
Hispanic	0.82	[0.52, 1.28]			0.82	[0.51, 1.32]
FPL						
0-35%	Reference				Reference	
36-99%	0.69***	[0.56, 0.85]			0.68***	[0.54, 0.85]
>=100%	0.60***	[0.48, 0.75]			0.59***	[0.47, 0.75]
Any chronic disease	1.35**	[1.08, 1.69]			1.23	[0.96, 1.56]
1+ days poor physical health	1.29**	[1.07, 1.57]			1.29*	[1.05, 1.59]
1+ days poor mental health	1.31**	[1.08, 1.58]			1.38**	[1.12, 1.69]
Seen PCP in past 12 months	0.71*	[0.54, 0.94]			0.71*	[0.53, 0.95]
Employed or self-employed	1.04	[0.85, 1.26]			1.01	[0.82, 1.25]
Needs help reading						
Never	Reference				Reference	
Rarely	1.20	[0.90, 1.60]			1.26	[0.93, 1.71]
Sometimes	1.33	[0.99, 1.80]			1.26	[0.91, 1.73]
Often	1.44	[0.81, 2.57]			1.69	[0.95, 3.01]
Always	1.07	[0.70, 1.64]			0.92	[0.58, 1.44]
HS graduates (%) ¹						
50.9-86.3	Reference		Reference		Reference	
86.4-90.5			1.02	[0.77, 1.35]	0.98	[0.72, 1.33]
90.6-100			0.79	[0.55, 1.14]	0.83	[0.56, 1.24]
College graduates (%) ¹						
3-14.8	Reference		Reference		Reference	
14.9-22.7			1.10	[0.85, 1.42]	1.14	[0.86, 1.50]
22.8-100			1.04	[0.75, 1.45]	1.11	[0.78, 1.58]
Below poverty (%) ¹						
0-14	Reference		Reference		Reference	
14.1-22.6			0.95	[0.70, 1.29]	1.01	[0.72, 1.41]
22.7-56.3			1.03	[0.67, 1.58]	0.99	[0.62, 1.60]
Unemployed (%) ¹						
0-8.5	Reference		Reference		Reference	
8.6-12.8			1.52**	[1.15, 2.02]	1.63**	[1.21, 2.21]
12.9-35.3			1.25	[0.84, 1.86]	1.26	[0.83, 1.91]
SNAP/food stamps (%) ¹						
0-14.7	Reference		Reference		Reference	
14.8-23.1			1.01	[0.74, 1.38]	0.99	[0.70, 1.39]
23.2-55.8			1.06	[0.66, 1.70]	1.24	[0.73, 2.11]
Number of liquor stores ¹						
0	Reference		Reference		Reference	
1-5			0.86	[0.65, 1.13]	0.88	[0.65, 1.19]
6-22			0.79	[0.57, 1.10]	0.84	[0.58, 1.21]

Continued on next page

Continued from previous page

PCP ratio ²			
579-1135		Reference	Reference
1136-1695		1.04 [0.74, 1.47]	1.00 [0.69, 1.44]
1734-6531		1.23 [0.92, 1.64]	1.31 [0.95, 1.79]
Preventable hospitalization			
28-51		Reference	Reference
52-64		0.94 [0.69, 1.26]	0.86 [0.62, 1.18]
65-97		0.99 [0.74, 1.33]	0.96 [0.70, 1.32]
Violent crime rate ²			
42-323		Reference	Reference
236-409		1.07 [0.81, 1.41]	1.01 [0.75, 1.36]
472-1089		1.16 [0.83, 1.63]	1.20 [0.84, 1.71]
Injury death rate ²			
40-60		Reference	Reference
61-72		1.03 [0.79, 1.34]	0.98 [0.74, 1.32]
73-107		0.96 [0.68, 1.35]	0.90 [0.62, 1.31]
Drug overdose mortality rate ²			
5-13		Reference	Reference
14-21		0.94 [0.73, 1.22]	1.01 [0.77, 1.33]
22-30		0.77 [0.52, 1.15]	0.87 [0.57, 1.32]
Observations	3781	3611	3327

Logistic regression predicting any smoking or tobacco use in the past 30 days. Columns represent 3 separate models, each adjusted for the covariates shown. See methods for further explanation.

Adjusted odds ratios; 95% confidence intervals in brackets

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

¹ Data from American Community Survey, 2013 and 2015, grouped by tertiles at zip code level.

² Data from RWJF County Health Rankings, grouped by tertiles at county level.

Table 9: Individual and community-level predictors of any ER visits in the past 12 months

	Individual		Community		Combined	
Age						
19-34	Reference				Reference	
35-50	0.98	[0.71, 1.36]			0.98	[0.69, 1.38]
51-64	0.59**	[0.42, 0.83]			0.60**	[0.42, 0.86]
Gender						
M	Reference				Reference	
F	1.57**	[1.18, 2.10]			1.59**	[1.17, 2.15]
Race						
White	Reference				Reference	
Black/ AA	1.25	[0.88, 1.77]			1.16	[0.76, 1.76]
Other	1.52	[0.92, 2.50]			1.71	[0.99, 2.95]
More than one	2.02*	[1.04, 3.90]			2.06*	[1.02, 4.17]
Hispanic	1.26	[0.64, 2.47]			0.96	[0.49, 1.87]
FPL						
0-35%	Reference				Reference	
36-99%	0.66**	[0.48, 0.90]			0.67*	[0.48, 0.93]
>=100%	0.65*	[0.46, 0.92]			0.66*	[0.46, 0.95]
Any chronic disease	2.45***	[1.76, 3.39]			2.59***	[1.82, 3.68]
Seen PCP in past 12 months	1.41	[0.91, 2.20]			1.42	[0.89, 2.26]
Pre-HMP insurance length						
All 12 months	Reference				Reference	
6-11 months	1.82**	[1.25, 2.66]			1.79**	[1.19, 2.67]
Less than 6 months	1.42	[0.88, 2.31]			1.52	[0.92, 2.51]
Previous Medicaid insurance	1.33*	[1.01, 1.77]			1.25	[0.92, 1.68]
HS graduates (%) ¹						
50.9-86.3	Reference		Reference		Reference	
86.4-90.5			1.25	[0.95, 1.65]	1.57	[0.96, 2.55]
90.6-100			1.02	[0.71, 1.47]	1.72	[0.92, 3.22]
College graduates (%) ¹						
3-14.8	Reference		Reference		Reference	
14.9-22.7			0.87	[0.68, 1.12]	0.93	[0.62, 1.41]
22.8-100			0.75	[0.56, 1.01]	0.70	[0.42, 1.16]
Below poverty (%) ¹						
0-14	Reference		Reference		Reference	
14.1-22.6			1.10	[0.82, 1.47]	1.31	[0.80, 2.15]
22.7-56.3			1.18	[0.78, 1.78]	2.91**	[1.44, 5.90]
Unemployed (%) ¹						
0-8.5	Reference		Reference		Reference	
8.6-12.8			1.09	[0.82, 1.44]	0.94	[0.58, 1.52]
12.9-35.3			1.10	[0.75, 1.61]	0.82	[0.43, 1.55]
No household vehicle (%) ¹						
0-.05	Reference		Reference		Reference	
.06-.09			1.18	[0.93, 1.50]	0.97	[0.64, 1.47]
1.0-.48			1.39	[0.98, 1.96]	0.87	[0.48, 1.58]
Preventable hospitalizations ²						
28-51	Reference		Reference		Reference	
52-64			0.89	[0.69, 1.14]	0.66	[0.43, 1.02]
65-97			0.90	[0.67, 1.20]	0.83	[0.51, 1.37]
Violent crime rate ²						
42-323	Reference		Reference		Reference	
236-409			0.95	[0.74, 1.22]	0.87	[0.57, 1.35]
472-1089			1.03	[0.76, 1.41]	0.83	[0.48, 1.44]

Continued on next page

Continued from previous page

Injury death rate ²		Reference		Reference	
40-60					
61-72		0.77	[0.58, 1.02]	0.80	[0.51, 1.26]
73-107		0.65*	[0.46, 0.93]	0.81	[0.45, 1.44]
Drug overdose mortality rate ²		Reference		Reference	
5-13					
14-21		1.06	[0.81, 1.37]	1.03	[0.65, 1.63]
22-30		1.29	[0.88, 1.90]	1.30	[0.67, 2.49]
Observations	1494		3593		1337

Logistic regression predicting any self-reported ER use in the past 12 months. Columns represent 3 separate models, each adjusted for the covariates shown. See methods for further explanation.

Adjusted odds ratios; 95% confidence intervals in brackets

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

¹ Data from American Community Survey, 2013 and 2015, grouped by tertiles at zip code level.

² Data from RWJF County Health Rankings, grouped by tertiles at county level.

Table 10: Individual and community-level predictors of change in contacting usual doctor before seeking emergency care

	Individual		Community		Combined	
Age						
19-34	Reference				Reference	
35-50	1.33	[0.96, 1.84]			1.24	[0.88, 1.75]
51-64	1.83***	[1.31, 2.56]			1.77**	[1.24, 2.55]
Gender						
M	Reference				Reference	
F	1.39*	[1.05, 1.84]			1.40*	[1.04, 1.89]
Race						
White	Reference				Reference	
Black/AA	1.22	[0.83, 1.80]			1.11	[0.72, 1.73]
Other	1.09	[0.70, 1.71]			1.01	[0.61, 1.66]
More than one	1.01	[0.54, 1.88]			0.87	[0.45, 1.68]
Hispanic	1.85	[0.94, 3.66]			1.74	[0.83, 3.66]
FPL						
0-35%	Reference				Reference	
36-99%	1.16	[0.85, 1.59]			1.25	[0.89, 1.75]
>=100%	0.99	[0.70, 1.39]			0.99	[0.70, 1.41]
Any chronic disease	1.01	[0.74, 1.38]			1.00	[0.72, 1.38]
Seen PCP in past 12 months	1.74*	[1.14, 2.68]			1.78**	[1.15, 2.75]
Pre-HMP insurance length						
All 12 months	Reference				Reference	
6-11 months	2.06**	[1.33, 3.18]			2.35***	[1.49, 3.70]
Less than 6 months	2.48***	[1.50, 4.10]			2.88***	[1.68, 4.92]
Previous Medicaid insurance	0.92	[0.70, 1.21]			0.86	[0.64, 1.15]
HS graduates (%)						
50.9-86.3	Reference		Reference		Reference	
86.4-90.5			0.77	[0.58, 1.03]	0.86	[0.53, 1.38]
90.6-100			0.84	[0.58, 1.23]	0.76	[0.42, 1.36]
College graduates (%)						
3-14.8	Reference		Reference		Reference	
14.9-22.7			1.18	[0.90, 1.54]	1.45	[0.95, 2.21]
22.8-100			1.02	[0.73, 1.43]	0.98	[0.58, 1.65]
Below poverty (%)						
0-14	Reference		Reference		Reference	
14.1-22.6			0.96	[0.73, 1.28]	1.14	[0.72, 1.80]
22.7-56.3			1.02	[0.66, 1.58]	0.88	[0.43, 1.79]
Unemployed (%)						
0-8.5	Reference		Reference		Reference	
8.6-12.8			1.06	[0.81, 1.40]	0.81	[0.53, 1.25]
12.9-35.3			0.95	[0.63, 1.42]	0.67	[0.36, 1.25]
No household vehicle (%)						
0-.05	Reference		Reference		Reference	
.06-.09			0.99	[0.79, 1.25]	0.69	[0.47, 1.02]
1.0-.48			1.10	[0.77, 1.57]	1.77	[0.94, 3.30]
Preventable hospitalizations						
28-51	Reference		Reference		Reference	
52-64			0.91	[0.71, 1.16]	0.79	[0.55, 1.15]
65-97			0.97	[0.73, 1.30]	0.59*	[0.35, 1.00]
Violent crime rate						
42-323	Reference		Reference		Reference	
236-409			1.11	[0.87, 1.43]	1.35	[0.87, 2.07]
472-1089			0.86	[0.63, 1.17]	1.64	[0.98, 2.74]

Continued on next page

Continued from previous page

Injury death rate				
40-60		Reference	Reference	
61-72		0.81 [0.62, 1.07]	1.06 [0.69, 1.63]	
73-107		0.80 [0.56, 1.15]	0.84 [0.48, 1.47]	
Drug overdose mortality rate				
5-13		Reference	Reference	
14-21		1.27 [0.98, 1.66]	0.97 [0.63, 1.50]	
22-30		1.12 [0.76, 1.65]	1.00 [0.53, 1.91]	
Observations	1457	3463	1302	

Ordered logistic regression predicting improved likelihood of contacting usual doctor before seeking emergency care (1 = Less likely - 3 = More likely). Columns represent 3 separate models, each adjusted for the covariates shown. See methods for further explanation.

Adjusted odds ratios; 95% confidence intervals in brackets

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

¹ Data from American Community Survey, 2013 and 2015, grouped by tertiles at zip code level.

² Data from RWJF County Health Rankings, grouped by tertiles at county level.

Appendix C: Subgroup and Community Factors Definitions

Subgroup Analyses

Utilization measures were based on Medicaid administrative data drawn directly from the MDHHS data warehouse.

Low outpatient care utilizers: defined as those with no primary care or other outpatient visits in the 12 months prior to HMV sampling. Identification of primary care visits was based on any visit with a procedure or revenue code included in the Healthcare Effectiveness Data and Information Set (HEDIS) Outpatient value set, with two additional elements:

1. A procedure code on the MDHHS Physician Primary Care Rate Increase Initiative list and
2. A billing or rendering provider who was a Primary Care Provider of record for ≥ 1 Medicaid enrollee in the MDHHS data warehouse PCP table; or who had participated in Michigan's Primary Care Transformation (MiPCT) project and thus had been verified as a primary care provider; or who had a primary care specialty classification in both the Michigan Medicaid provider specialty table and the NPPES taxonomy table. NPIs known to be inaccurate from prior analyses were excluded.

Identification of other outpatient visits also was based on the HEDIS Outpatient value set; visits that did not meet criteria for primary care or as mental health were counted as 'other outpatient'.

High ER utilizers: defined as those five or more ER visits based on claims in the 12 months prior to HMV sampling. Identification of ED visits was based on specifications in the HEDIS Emergency Department Utilization (EDU) measure. Consistent with HEDIS, ED visits that resulted in an inpatient admission were not counted, and non-institutional/non-surgical ED visits that occurred a day prior to or after an institutional ED/Observation/Inpatient visit were removed. Two modifications of the HEDIS criteria were made, to allow results to represent the full range of ED utilization for the HMP population: (1) mental health/substance abuse ED visits were included, where HEDIS excludes them; and (2) three observation visit codes (G0378, G0379, revenue code 0762) were added to the HEDIS observation value set, along with codes G0380-G0384 for Hospital Type B emergency visits.

Respondents with one or more chronic conditions: Identification of the four chronic disease groups of interest (asthma, cardiovascular disease, COPD, and diabetes) was based on identification criteria outlined in the HEDIS 2016 Relative Resource Use (RRU) specifications

Respondents with a mental and behavioral health condition or substance use disorder: defined by Mental and Behavioral Disorders value set from HEDIS 2016. Tobacco use disorder was excluded from the list of mental and behavioral health conditions for this analysis.

Individual and Community Factors Analysis

Census/American Community Survey (ACS): American FactFinder, United States Census Bureau <https://factfinder.census.gov> All data is downloadable at the ZIP code level. Data is

from the 2011-2015 ACS 5-year estimates unless otherwise noted. The following fields were included in the individual and community factor analysis.

Educational attainment

- HS Grads (% of population ages 25 and over)
- College Grads (% of population ages 25 and over)

Language spoken at home

- Who speak English less than “very well” (% of population ages 5+)

Poverty status in the past 12 months

- Below poverty level (% of population)

Food stamps/SNAP

- Households receiving food stamps/SNAP benefits (% total households)

Employment status

- Unemployment rate for ages 16 and over (As a percent of the civilian labor force) – This is the official unemployment rate.

Insurance coverage (2009-2013 ACS data as pre-HMP comparator)

- Percent uninsured of the civilian non-institutionalized population
- Percent uninsured ages 18-64

Public health insurance coverage by type

- Percent public coverage alone
- Percent Medicaid coverage alone

Household size by vehicles available

- Unit is households – number of cars available per household given (0, 1, 2, 3, 4 or more)

United States Census/Economic Census: American FactFinder, United States Census Bureau <https://www.census.gov/EconomicCensus> All data is downloadable at the ZIP code level. Data is from the 2012 Economic Census.

Liquor stores

- Number of liquor stores by zip code

County Health Rankings & Roadmaps: Robert Wood Johnson Foundation, <http://www.countyhealthrankings.org/> Data is available on the county level, both as rankings within the state and some summary measures used to calculate those rankings. The following variables are used in the analysis.

Ratio of PCPs to population

Source: Area Health Resource File/National Provider Identification File 2014

Definition: Ratio of population to primary care physicians

Preventable hospitalization rate

Source: Dartmouth Atlas of Healthcare 2013

Definition: Number of hospital stays for ambulatory-care sensitive conditions per 1,000 Medicare enrollees

Violent crime rate

Source: Uniform Crime reporting (FBI) 2010-2012

Definition: Number of reported violent crime offenses per 100,000 population

Injury death rate

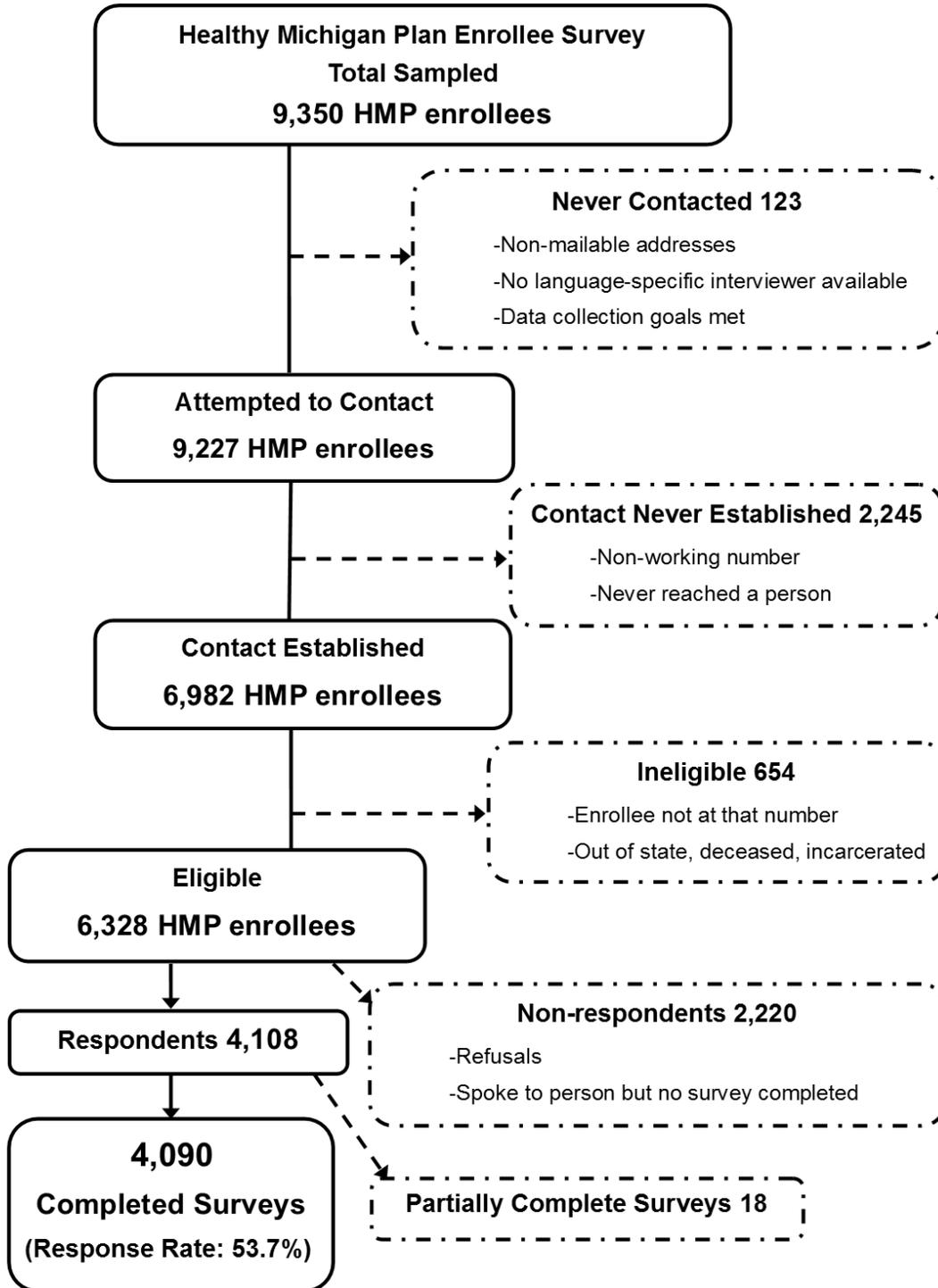
Source: CDC WONDER mortality data 2009-2013

Definition: Number of deaths due to injury per 100,000 population

Drug overdose rate

Source: CDC WONDER mortality data 2012-2014

Appendix D: Respondent/Non-respondent Flowchart



Appendix E: 2016 HMV Enrollee Survey Instrument

Healthy Michigan Voices Survey OPERATIONALIZED VERSION – Use for Programming the CATI System

First of all, I'd like to confirm that I'm talking with the right person.

I have you born in [DOB MonthYear autofilled] Is that correct? Record info _____

I have you listed as enrolled in [plan auto-filled] Is that correct? Yes/No

[If not the same] Do you know the name of your health plan now? Record info _____

And you first enrolled in the Healthy Michigan Plan in about [HMP first month/year autofilled]. Does that sound about right? Record info

[If not the same – establish first month]

For these first few questions, I am going to ask you to think back to the 12 months before you enrolled in the Healthy Michigan Plan.

1. During the 12 months BEFORE you enrolled in the Healthy Michigan Plan, did you have any type of health insurance at any time? Yes/No

If YES:

a) Did you have health insurance for: all 12 mos, 6-11 mos, Less than 6 months; Not at all.

b)

c) What type of health insurance did you have? Was it:

1. Private insurance provided through a job or union

2. Private insurance purchased by you or someone else

a. If YES: Was this insurance purchased on the healthcare.gov exchange?

i. If YES: Did you receive a subsidy?

3. Medicaid, MiChild, or other state health program that pays for health care

4. Veterans Administration or VA care

5. Some other type of insurance

• CHAMPUS, TRICARE

• Medicare

• County health plan

• Other: Record info _____

2. **During the 12 months BEFORE you were enrolled** in the Healthy Michigan Plan, about how much did you spend out-of-pocket for your own medical and dental care? Record \$ _____ / don't know

If DON'T KNOW: I'll read some categories, and you stop me when I get to the amount:

less than \$50, from \$51-100, \$101-500, \$501 to \$2,000, \$2,001 to \$3,000, \$3,001 to \$5,000, or more than \$5,000?

Prompt if questions/difficulty answering: (1) Your best estimate is fine. (2) Include anything paid for prescription drugs, co-payments, insurance premiums and deductibles. Do not include anything paid by your health insurance.

3. **In the 12 months BEFORE enrolling** in the Healthy Michigan Plan, did you have problems paying medical bills? Yes/No

If YES:

Because of these problems paying medical bills, have you or your family...

- a) Been contacted by a collections agency? Yes/No
- b) Thought about filing for bankruptcy? Yes/No
If YES: Did you file for bankruptcy? Yes/ No
- c) **Since enrolling in Healthy Michigan**, have your problems paying medical bills gotten worse, stayed the same, or gotten better?

4. **In the 12 months BEFORE enrolling** in the Healthy Michigan Plan, was there a place that you usually would go for a checkup, when you felt sick, or when you wanted advice about your health? Yes/No / Don't know/NA-didn't need care

- a) **If YES** What kind of a place was it? a clinic, doctor's office, urgent care or walk-in clinic, emergency room, or other place _____

INTERVIEWER NOTE: If respondent says there was more than one place: "Think about the place you went most often. What kind of place was it."

5. **In the 12 months BEFORE enrolling** in the Healthy Michigan Plan, was there any time when you didn't get the *health care* you needed? Yes/No

If YES: Why didn't you get the care you needed?

If not already described: I'm going to read some options; let me know if any apply to you.

- You were worried about the cost
- You did not have health insurance
- The doctor or hospital wouldn't accept your health insurance
- Your health plan wouldn't pay for the treatment
- You couldn't get an appointment soon enough
- You didn't have transportation

Now I'm going to ask about your recent experiences getting health care – while you have been enrolled in the Healthy Michigan Plan.

6. **In the last 12 months**, is there a place you usually go when you need a checkup, feel sick, or want advice about your health? Yes/ No/ Don't know/NA – haven't gotten care

If YES to 8

- a) What kind of a place was it? a clinic, doctor's office, urgent care/walk-in clinic, emergency room, other

INTERVIEWER NOTE: If respondent says there was more than one place: "Think about the place you went most often. What kind of place was it."

If clinic or doctor's office:

- b) Is this the same place than where you went **before you enrolled** in Healthy Michigan? Yes/No
- c) And is this your **primary care provider** for your Healthy Michigan Plan Coverage? Yes/No
If YES then SKIP to Q9

IF Q8=URGENT CARE/WALK-IN, EMERGENCY ROOM, N/A no care OR if Q8C=No

7. Do you have a **primary care provider** through your Healthy Michigan Plan coverage? Yes/No

If YES:

- a. Did you choose your primary care provider or did your health plan assign you to one?
Chose /Plan assigned

8. **If YES to 8c or 9a:** Have you seen your primary care provider in the past 12 months? (Yes/ No/Don't know)

If NO: Why have you NOT seen your primary care provider? (**open-ended, check all that apply**)

- Healthy/didn't need to see doctor
- Couldn't get appointment
- Transportation difficulties/too far
- Don't like doctor/staff
- See a specialist instead
- Inconvenient hours
- Don't like doctors in general
- **Record other response** _____

If YES to Q10:

- a) Did you and the primary care provider talk about things you can do to be healthy and prevent medical problems? Yes/No/DK
- b) **In the last 12 months**, when you felt sick or wanted advice about your health, how easy or difficult was it to get an appointment to see your primary care provider? Would you say: Very easy/Easy/Neutral/ Difficult/Very Difficult)

IF DIFFICULT OR VERY DIFFICULT:

a) What made it difficult? (**open-ended, check all that apply**)

- Couldn't get through on the telephone
- Couldn't get an appointment soon enough
- Inconvenient hours
- Transportation
- **Record other response** _____

9. Before you enrolled in the Healthy Michigan Plan, about how long had it been since you had a primary care visit?

- a) < 1 year [before HMP]

- 1-5 years
- >5 years

Now I'm going to ask about your health.

10. In general, would you say your health is: Excellent; Very Good; Good; Fair; OR Poor
11. Now thinking about your physical health, which includes physical illness and injury: for how many days during the past 30 days was your physical health not good? _____
12. Overall, since you enrolled in the Healthy Michigan Plan, would you say your physical health has gotten better, stayed the same, OR gotten worse?
13. Now thinking about your mental health, which includes stress, depression, and problems with emotions: for how many days during the past 30 days was your mental health not good? _____
14. Overall, since you enrolled in the Healthy Michigan Plan, would you say your mental and emotional health has gotten better, stayed the same, OR gotten worse?
15. During the past 30 days, for how many days did poor physical or mental health keep you from doing your usual activities, such as self-care, work, or recreation? _____
16. Thinking about your dental health, since you enrolled in the Healthy Michigan Plan, has the health of your teeth and gums gotten better, stayed the same, OR gotten worse?
17. How tall are you without shoes? _____
18. How much do you weigh without shoes? _____
19. Compared to 12 months ago, how would you describe your weight? Have you lost weight; gained weight; or stayed about the same
20. How often do you need to have someone help you read instructions, pamphlets, or other written material from a doctor, pharmacy or health plan? Never /Rarely/Sometimes/Often/Always
21. Next I'm going to ask about different categories of health care. Tell me if your ability to get that type of care through the Healthy Michigan Plan is better, worse, or about the same, compared to before you had Healthy Michigan Plan. You can also say if you don't know, or if that type of care doesn't apply to you. The first one is primary care. Would you say that your ability to get primary care through the Healthy Michigan Plan is better, worse or about the same, compared to before.
 - a) Primary care: better/worse/same; not applicable, don't know
 - b) Specialist care: better/worse/same; not applicable, don't know
 - c) Dental care: better/worse/same; not applicable, don't know
 - d) Mental health care: better/worse/same; not applicable, don't know
 - e) Substance use treatment services: better/worse/same; not applicable, don't know
 - f) Prescription medications: better/worse/same; not applicable, don't know
 - g) Cancer screening: better/worse/same; not applicable, don't know
 - h) Help with staying healthy or preventing health problems better/worse/same; not applicable, don't know
 - i) Birth control/ Family planning services better/worse/same, not applicable, don't know

22. Has a doctor or other health professional ever told you that you had any of the following?
- Hypertension, also called high blood pressure? Yes/No
 - A heart condition or heart disease? Yes/No
 - Diabetes or sugar diabetes (other than during pregnancy)? Yes/No
 - Cancer, other than skin cancer? Yes/No
 - A mood disorder, (For example, depression, anxiety, bipolar disorder)? Yes/No
 - A stroke? Yes/No
 - Asthma? Yes/No
 - Chronic bronchitis, COPD or emphysema? Yes/No
 - A substance use disorder? Yes/No
 - Any other ongoing health condition that can be controlled but not cured? Yes/No If YES: What is the condition? _____

For each condition, if YES: Did you find out you had [autofill condition from Q22] before or after you enrolled in the Healthy Michigan Plan?

The next questions are about things people do that can affect their health. This is sometimes called a Health Risk Assessment

23. In the last 7 days, how many days did you exercise for at least 20 minutes? **Read categories if needed:**
Every day; 3-6 days; 1-2 days; 0 days
24. In the last 7 days, how many days did you drink sugary drinks like soda or pop, sweetened fruit drinks, sports drinks, or energy drinks? (Do not include diet soda) **Read if needed:** Every day 3-6 days 1-2 days 0 days
25. In the last 7 days, how many days did you eat 3 or more servings of fruits or vegetables in a day? **Read if needed:** Every day 3-6 days 1-2 days 0 days
26. In the last 12 months, has a doctor, nurse, or other health professional talked with you about exercise? Yes/ No
27. In the last 12 months, has a doctor, nurse, or other health professional talked with you about diet and nutrition? Yes/ No
28. In the last 7 days, how many days did you have (autofill 5 or more for men, 4 or more for women) alcoholic drinks? **Read if needed:** Every day 3-6 days 1-2 days 0 days

If Q28=ANY RESPONSE OTHER THAN 0 days: In the last 12 months, has a doctor, nurse, or other health professional talked with you about safe alcohol use? Yes/No

29. In the last 30 days have you smoked or used tobacco? Yes /No
If YES: Do you want to quit smoking or using tobacco? Yes/No
If Yes Are you working on cutting back or quitting right now? Yes/No
- In the last 12 months, did you receive any advice or assistance from a health professional or your health plan on HOW to quit smoking? Yes/No/Don't know

30. In the last 30 days, have you used drugs or medications to affect your mood or help you relax? This includes prescription drugs taken differently than how you were told to take them, as well as street drugs. Yes/No

If YES: How often? Almost every day/Sometimes/Rarely/Never

IF ALMOST EVERY DAY OR SOMETIMES: In the last 12 months, has a doctor, nurse, or other health professional talked with you about your use of these drugs or medications? Yes/N

31. Since July 1, 2015, have you had a flu vaccine? Yes/No

32. Many people answered these questions, called a Health Risk Assessment, either on the phone when they enrolled in the Healthy Michigan Plan, or at a primary care visit, or both. Do you remember completing the Health Risk Assessment? Yes/No/Don't know

If YES: What led you to complete it? _____ (open-ended, check any mentioned)

- PCP suggested
- Got it in mail – f/u Q:
- At enrollment on the phone – f/u Q:
- Gift card/money/reward
- Health plan suggested
- To save money on copays/cost-sharing
- To stay on top of my health (anything related to staying healthy)
- Other _____

If 32a response is “got it in mail” or “at enrollment on phone”:

b) Did you take the form to your primary care provider? Yes/No

For the following statements about the Health Risk Assessment, tell me if you strongly agree, agree, are neutral, disagree, or strongly disagree.

33. I think doing the Health Risk Assessment was valuable for me to improve my health. SA/A/N/D/SD

34. I think doing the Health Risk Assessment was helpful for my primary care provider to understand my health needs. SA/A/N/D/SD

35. I know what I need to do to be healthy, so the Health Risk Assessment wasn't that helpful. SA/A/N/D/SD

36. After going through the Health Risk Assessment, or at a primary care visit, did you choose to work on a healthy behavior or do something good for your health? Yes/No/Don't know

INTERVIEWER NOTE: Prompt with: It could have been something like trying to exercise or eat better, quit smoking, get a flu shot, those types of things.

If YES: What did you choose to do? (open ended-check all mentioned)

<ul style="list-style-type: none"> • Exercise/activity • Nutrition/diet • Lose weight • Reduce/quit tobacco use • Flu shot • Reduce/quit alcohol consumption • Treatment for substance use disorder 	<ul style="list-style-type: none"> • Take medicine regularly • Monitor my blood pressure/blood sugar • Go to the dentist • Follow-up appointment for chronic disease • Other _____
--	---

b) Did your health care provider or health plan help you work on this healthy behavior?
Yes/No/Don't know/NA-didn't need help

b) Was there help that you wanted that you didn't get? Yes/No/Don't know/NA
If YES: What help did you want that you didn't get? **(open-ended; record)**

37. Sometimes people need health care help or advice when their usual clinic or doctor's office is closed. In the last 12 months was there a time when you needed help or advice when your usual clinic or doctor's office was closed? Yes/No

If YES: In the most recent case, did you try to contact your provider's office after they were closed to get help or advice?

If YES to a: Were you able to talk to someone? Yes/ No

If NO to Contact: Why didn't you try to contact your provider's office? **(open-ended)**

- It was closed
- I felt it was an Emergency and went to ER/called 911
- Decided to wait to see if condition resolved,
- Unsure how to contact provider;
- Other **(record)** _____

Emergency Department Use

38. **During the past 12 months**, did you go to a hospital emergency room about your own health (whether or not you were admitted overnight)? Yes/No **If 38=NO, skip to Q43**

39. Thinking about the last time you were at the emergency room, did you think your problem needed to be handled in the emergency room? Yes/No

40. Thinking about the last time you were at the emergency room, did you try to contact your usual provider's office before going to the emergency room? Yes/No

If 40=YES:

- a) Did you talk to someone? Yes/No
- b) Why did you end up going to the ER? **(open-ended, check any mentioned)**
 - No response from the provider
 - Provider said go to the ER
 - Provider advice wasn't helpful
 - Symptoms didn't improve or got worse
 - You couldn't get an appointment soon enough
 - Other **(record)** _____

If 40=NO

41. Which of these were true of this particular ER visit?

- a) You arrived by ambulance or other emergency vehicle; (Yes/No/Don't know)

- b) You went to the ER because it's your closest place to receive care; (Yes/No/Don't know)
- c) You went to the ER because you get most of your care at the emergency room; (Yes/No/Don't know)
- d) The problem was too serious for a doctor's office or clinic (Yes/No/Don't know)
- e) Your doctor's office or clinic was not open (Yes/No/Don't know)
- f) You needed to get care at a time that would not make you miss work or school (Yes/No/Don't know)
- g) Any other reason you decided to go to the ER? (**record**) _____

42. Compared to before you had the Healthy Michigan Plan, are you (more likely, less likely, OR about as likely) to contact your usual doctor's office before going to the emergency room?

Now I'm going to ask you some questions about your Healthy Michigan coverage.

43. Have you had any questions or problems **using** your Healthy Michigan Plan insurance? Yes/ No
INTERVIEWER NOTE: If questioned: Like knowing what provider you can go to, how much you have to pay, or whether something is covered.)

If YES: Did anyone give you help or advice? Yes/ No

If YES: Who helped you? (**open-ended; mark anything mentioned**)

- Helpline (undistinguished)
- HMP Beneficiary Hotline (Toll free # on the back of the MiHealth card)
- Health Plan Hotline (Toll free # on back of health plan card)
- Friend/relative
- Community health worker (Promotora)
- Someone at my doctor's office
- Other (**record**) _____

Did you get an answer or solution to your question(s)? Yes/No

44. Have you received a bill or statement from the state that showed the services you received and how much you owe for the Healthy Michigan Plan? It's called your MI Health Account Statement. Yes/No/Not sure

INTERVIEWER NOTE: You should get one of these statements in the mail every few months, even if you don't owe anything. Do you remember anything like that?

If No/Not sure to Q45, SKIP to Q47

45. For the following statements, tell me if you strongly agree, agree, are neutral, disagree, or strongly disagree.

- a) I carefully review each MI Health Account statement to see how much I owe;
- b) The MI Health Account statements help me be more aware of the cost of health care;
- c) Information I saw in a MI Health Account statement led me to change some of my decisions about health care

46. *Still SA/A/N/D/SD.*

- a) The amount I have to pay overall for the Healthy Michigan Plan seems fair.
- b) The amount I pay for the Healthy Michigan Plan is affordable.
- c) I'd rather take some responsibility to pay something for my health care than not pay anything.
- d) It is very important to me personally to have health insurance.
- e) The amount I might have to pay for my prescription influences my decisions about filling prescriptions.
- f) Information about the healthy behavior rewards that I can earn has led me to do something I might not have done otherwise
- g) I don't worry as much about something bad happening to my health since enrolling in the Healthy Michigan Plan.
- h) Having the Healthy Michigan Plan has taken a lot of stress off me.
- i) Without the Healthy Michigan Plan, I wouldn't be able to go to the doctor.
- j) Having the Healthy Michigan Plan has helped me live a better life.

For these next statements about the Healthy Michigan Plan coverage and costs: if you think the statement is correct, say "yes." If you think it is incorrect, say "no." If you don't know, say "don't know".

47. My Healthy Michigan Plan covers routine dental visits.

48. My Healthy Michigan Plan covers eyeglasses.

49. My Healthy Michigan Plan covers counseling for mental or emotional problems.

50. Only generic medicines are covered by my Healthy Michigan Plan.

51. Contributions are what I am charged every month for Healthy Michigan Plan coverage even if I do not use any health care.

52. There is no limit or maximum on the amount I might have to pay in copays or contributions.

53. I could be dropped from the Healthy Michigan Plan for not paying my bill.

54. I may get a reduction in the amount I might have to pay if I complete a health risk assessment.

55. Some kinds of visits, tests and medicines have no copays.

56. Please tell me how likely you are to do the following: The choices are very likely/somewhat likely/somewhat unlikely/very unlikely.

- a) Find out what you might have to pay for a health service before you go to get it.
- b) Talk with your doctor about how much different health care options would cost you.
- c) Ask your doctor to recommend a less costly prescription drug
- d) Check reviews or ratings of quality before choosing a doctor or hospital.

57. **In the last 12 months**, about how much did you spend out-of-pocket for your own medical and dental care? Record \$ _____ / don't know

If DON'T KNOW: I'll read some categories, and you stop me when I get to the amount you think is about right. less than \$50, \$51-100, \$101-500, \$501 to \$2,000, \$2,001 to \$3,000, \$3,001 to \$5,000; more than \$5,000

INTERVIEWER NOTE: (1) Your best estimate is fine. (2) Include anything paid for prescription drugs, co-payments, insurance premiums and deductibles. Do not include anything paid by your health insurance.

58. **In the last 12 months**, was there any time when you didn't get the medical or dental care you needed? Yes/No

If YES:

- a) Why didn't you get the care you needed? I'm going to read some options; let me know if any apply to you. **(Read all and code all that apply)**
1. You were worried about the cost
 2. You did not have health insurance
 3. The doctor or hospital wouldn't accept your health insurance
 4. Your health plan wouldn't pay for the treatment
 5. You couldn't get an appointment soon enough
 6. You didn't have transportation
 7. Other **(record)** _____

If YES to Q59a/1, 2, 3 or 4:

- b) Was there any time in the last 12 months when you needed or wanted any of the following but could not afford it?
1. A checkup, physical or wellness visit; Yes/No.
 2. To see a specialist; Yes/No.
 3. Mental health care or counseling; Yes/No.
 4. Substance use treatment services; Yes/No.
 5. Prescription medication [not over the counter] Yes/No
 6. Dental care (including check-ups); Yes/No.

Next we have just a few questions about you.

59. What is your current job status. Are you currently...?
Employed or Self-employed; Out of work for 1 year or more; Out of work for less than 1 year; A Homemaker; A Student; Retired; Unable to work

If a STUDENT:

- a) **In the past 12 months**...about how many days did you miss school because of illness or injury (do not include maternity leave)? _____
- b) Compared to the 12 months before this time, was this more, less, or about the same?

If EMPLOYED/SELF-EMPLOYED, OR OUT OF WORK FOR LESS THAN 1 YEAR:

c) **In the past 12 months**...about how many days did you miss work because of illness or injury (do not include maternity leave)? _____

d) Compared to the 12 months before this time, was this more, less, or about the same?

If EMPLOYED/SELF-EMPLOYED:

e) Has getting health insurance through the Healthy Michigan Plan helped you do a better job at work? Yes/No

f) Have you changed jobs in the last 12 months? Yes/No

If YES: How much do you agree or disagree with the following statement: Having health insurance through the Healthy Michigan Plan helped me get a better job. SA/A/N/D/SD

If OUT OF WORK FOR LESS THAN OR MORE THAN A YEAR:

g) How much do you agree or disagree with the following statement: Having health insurance through the Healthy Michigan Plan has made me better able to look for a job. Strongly agree/agree/neutral/disagree/strongly disagree

If A HOMEMAKER; RETIRED; UNABLE TO WORK:

h) **In the past 12 months**...about how many days were you unable to do your activities because of illness or injury? _____

i) Compared to the 12 months before this time, was this more, less, or about the same?

60. How often do you get together socially with friends or relatives who live outside your home? Every day/Every few days/Every week/Every month/Once a year or less

61. Since enrolling in the Healthy Michigan Plan, are you involved with your family, friends or community more/less/about the same?

62. Now, thinking about all of the experiences you have had with health care in the last 12 months, have you ever felt that a doctor or medical staff judged you unfairly or treated you with disrespect because of...

a) Your race or ethnic background Yes/No/Don't know

b) How well you speak English Yes/No/Don't know

c) Your ability to pay for care or the type of health insurance you have Yes/No/Don't know

63. Are you Hispanic or Latino? Yes/No

64. Are you of Arab or Chaldean or Middle Eastern descent? Yes/No

65. What race or races do you consider yourself to be? **(open question, check all that they mention)**

1.White 2.Black or African American 3.American Indian or Alaska Native 4. Asian: Asian Indian, Chinese, Filipino, Japanese, Korean, Vietnamese, Other Asian 5.Pacific Islander: Native Hawaiian, Guamanian or Chamorro, Samoan, Other Pacific Islander

66. Are you... 1. Married 2. Partnered, 3. Divorced, 4. Widowed, 4. Separated, 5. Never Married

67. Is anyone else in your household enrolled in the Healthy Michigan Plan? Yes/No

68. Are you a Veteran of the U.S. Military Armed Forces? Yes/No

69. Would you like to add anything else about the Healthy Michigan Plan?

Record response _____

Contact information

That's the end of the survey. Can you just confirm your address so we can send your gift card:
[AUTO FILL address]

You should receive the gift card in 1-3 weeks at that address.

We may be conducting a few follow-up surveys. Would you be willing to have us recontact you for those? We're just asking for contact information – you can decide at that time if you'd like to participate.
Yes/No

If YES: I already have your mail address.

Is this the best phone number to call you? *Yes/Better number:* _____

Can this number get text messages? Yes/No

Is there an email address we can use you to contact you? _____

Thanks so much for talking with me today! Look for your gift card in 1-3 weeks.