

2017 Healthy Michigan Voices Follow-Up Survey Report

December 30, 2018

University of Michigan
Institute for Healthcare Policy & Innovation

Report Authors: Susan Dorr Goold, Jeffrey Kullgren, Erin Beathard, Matthias Kirch, Corey Bryant, Renuka Tipirneni, Erica Solway, John Ayanian

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



INSTITUTE FOR
HEALTHCARE POLICY & INNOVATION
UNIVERSITY OF MICHIGAN

Table of Contents

Executive Summary	3
Methods	3
Results.....	3
Conclusions	10
Recommendations	12
Introduction	14
Methods.....	14
Survey design.....	14
Survey administration.....	15
Survey population and inclusion criteria.....	15
Sampling plan	16
Survey response characteristics	17
Weighting adjustment.....	18
Analyses	19
Results	20
Current and former enrollee characteristics	20
Aim 1: To describe changes over time in health and functional status for HMP enrollees, particularly those with chronic conditions or other indicators of poorer health.	23
Aim 2: To describe perceptions and understanding of Medicaid coverage, HMP policies, and cost-sharing and how these change over time with enrollment.....	27
Aim 3: To understand financial and non-financial barriers and facilitators to care and how those change over time of enrollment and disenrollment.	30
Aim 4: To describe HMP enrollees’ health behaviors, how they change over time with enrollment and disenrollment in HMP, and barriers and facilitators to improvement in health behaviors.	33
Aim 5: To understand HMP enrollees’ decisions about when, where and how to seek care, including decisions about emergency department utilization.	36
Aim 6: To understand why enrollees lose or drop HMP coverage and what, if any, source of health insurance coverage they subsequently obtain.	41
Aim 7: To describe the experiences and perceptions of HMP enrollees who may have been eligible for HMP for some time before enrolling.....	45
Limitations	45
Lessons Learned	46
Conclusions.....	46
Recommendations	49
Appendix A: 2017 Follow-Up Survey Findings: Descriptive Tables.....	A1
Appendix B: 2017 Follow-Up Survey Findings: Additional Analyses.....	B1
Appendix C: Claims-Based and Derived Variable Definitions	C1
Appendix D: Details of Weighting Adjustment.....	D1
Appendix E: 2017 HMV Follow-Up Survey Instrument For Those Still Enrolled.....	E1
Appendix F: 2017 HMV Follow-Up Survey Instrument For Those No Longer Enrolled.....	F1

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 (HMV)*. This report presents findings from the 2017 *Healthy Michigan Voices Follow-Up Survey*. From March 2017 to January 2018, 3,104 individuals who participated in 2016 completed the 2017 survey. The 2018 *Healthy Michigan Voices Follow-Up Survey* is currently underway.

Methods

Individuals who completed the 2016 *Healthy Michigan Voices Enrollee Survey* and consented to be contacted for follow-up were the target population for the 2017 HMV Follow-Up Survey. Out of 4,106 respondents to the 2016 HMV Enrollee Survey, 3,957 (96.4%) consented to be recontacted. The 2017 HMV Follow-Up Survey (n=3,104) response rate was 83.4%.

Two survey instruments were developed, one for those who remained enrolled in HMP and one for those who were no longer enrolled in HMP at the time of the 2017 HMV Follow-Up Survey. Many items on each survey were drawn from established surveys. 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 previously developed based on findings from 67 semi-structured interviews with HMP enrollees, cognitively tested, and used in the 2016 HMV Enrollee Survey. Surveys were conducted in English, Arabic and Spanish; those who could not speak one of those languages were excluded from participation. Responses were recorded using computer-assisted telephone interviewing software.

Descriptive statistics were generated for responses to all questions, with survey weights calculated and applied to adjust for the probability of selection, nonresponse, and other factors. Bivariate and multivariate analyses were also performed.

Results

Demographics

- Of the 2017 HMV Follow-Up Survey respondents, 76.8% were still enrolled in HMP (“current enrollees”) at the time of the survey and 23.2% were no longer enrolled in HMP (“former enrollees”) at the time of the survey.
- 19.9% of current and former enrollees had incomes 100-133% FPL, while 52.3% had incomes between 0-35% FPL. Former enrollees were more likely than current enrollees to have an income of 36-99% FPL (32.7% vs. 26.2%) and to have an income of 100-133% FPL (26.5% vs. 17.9%).
- 53.0% of current and former enrollees were women.
- 88.8% of current and former enrollees had at least a high school diploma or equivalent.

Employment

- 57.1% of current and former enrollees were employed. Those with a chronic condition (defined as those who reported any chronic condition in the 2016 HMV Enrollee Survey or the 2017 HMV Follow-Up Survey or those identified using claims data) were less likely than those without such a condition to be employed (53.1% vs. 70.5%). Those age 51-64 were less likely than younger age groups to be employed, and more likely, if they were working, to be working part-time.
- Current and former enrollees who were not employed most often reported being unable to work (41.3%) or out of work (33.6%); fewer reported being retired (8.5%), or not looking for work at this time (16.6%).
- The proportion of current and former enrollees who reported being employed/self-employed increased from 2016 to 2017 (from 48.7% to 57.1%).

Perspectives on the impact of HMP on employment-related outcomes

- Among those who were employed or retired for less than one year, and not currently a student, 64.8% reported that getting health insurance through HMP helped them do a better job at work.
- Among those who were employed and changed jobs in the last 12 months, 27.9% reported that having health insurance through HMP helped them get a better job.
- Among those who were out of work, 46.9% reported that having health insurance through HMP has made them better able to look for a job.

Aim 1: To describe changes over time in health and functional status for HMP enrollees, particularly those with chronic conditions or other indicators of poorer health.

Current health status

- 36.4% of current and former enrollees reported that their health was excellent or very good; 36.6% reported that their health was good, 20.9% reported that their health was fair, and 6.0% reported that their health was poor.

Chronic health conditions

- At the time of the 2017 survey, 74.7% of current and former enrollees reported having at least one chronic condition. The most commonly reported chronic conditions in 2017 were mood disorder (33.8%), hypertension (31.4%), and arthritis or a related condition (27.6%). Other conditions reported included asthma (16.9%), diabetes (10.3%), or a heart condition or heart disease (9.8%).
- Current enrollees were more likely than former enrollees to have at least one chronic condition (78.3% vs. 71.7%) and to have two or more chronic conditions (53.6% vs. 46.6%).

Self-reported change in health

- Most current and former enrollees reported that in the past year their physical health had improved (29.6%) or stayed the same (56.1%), their mental health had improved (28.4%) or stayed the same (58.6%), and their oral health had improved (21.0%) or stayed the same (60.7%).

- Former enrollees were more likely than current enrollees to report that their oral health got worse in 2017 (23.0% vs. 16.3%; adjusted odds ratio (aOR)=1.67).

Self-reported fair/poor health (change 2016-2017)

- The proportion of current and former enrollees who reported fair/poor health decreased from 2016 to 2017 (from 30.7% to 27.0%; aOR=0.66).
- Decreases in the proportion reporting fair/poor health were found in many subgroups of current and former enrollees including those with a chronic condition (from 36.7% to 32.6%), those with two or more chronic conditions (from 45.6% to 40.9%), those with a mental health condition and/or substance use disorder (from 39.9% to 35.6%), and those with a mental health condition (from 40.8% to 36.1%).
- The largest decreases in reports of fair/poor health from 2016 to 2017 were observed in current and former enrollees who were Hispanic (from 28.3% to 21.5%), non-Hispanic Black (from 31.5% to 26%), from the Detroit Metro area (from 30.7% to 24.9%), and with an income 0-35% FPL (from 37.6% to 32.3%).

Days poor physical health (change 2016-2017)

- The mean number of days of poor physical health among current and former enrollees decreased from 2016 to 2017.

Aim 2: To describe perceptions and understanding of Medicaid coverage, HMP policies, and cost-sharing and how these change over time with enrollment.

Knowledge of HMP covered benefits

- The majority of current enrollees knew that HMP covers prescription medications (95.1%), dental care (81.6%), eyeglasses (67.9%), and counseling for mental or emotional problems (58.8%). Nearly half knew that HMP covers birth control or family planning (48.1%). Less than half knew that HMP covers substance use treatment (41.4%) and treatment to stop smoking (39.7%).
- In 2017 compared to 2016, current enrollees were more likely to know that dental care is covered by HMP (81.6% vs. 77.0%) and that eyeglasses are covered by HMP (67.9% vs. 61.5%).

Experiences with MI Health Account

- 78.4% of current enrollees reported that they received a MI Health Account statement in the past year. Those with lower incomes were less likely to report receiving a MI Health Account statement.
- Among current enrollees who reported receiving a MI Health Account statement in the past year, 84.8% strongly agreed or agreed that they carefully review each statement to see how much they owe, 82.6% strongly agreed or agreed that the statements help them be more aware of the cost of health care, and 31.0% strongly agreed or agreed that the information in the statement led them to change some of their health care decisions.

Perspectives on cost-sharing

- The majority of current enrollees strongly agreed or agreed that the amount they have to pay for HMP overall seems fair (84.1%) and the amount they pay for HMP is affordable (86.7%).
- The majority of current and former enrollees strongly agreed or agreed that getting discounts on copays and premiums as a reward for working on improving your health is a good idea (91.0%) and that everyone should have to pay something for their health care (53.7%).

Perspectives on HMP coverage

- 97.3% of current and former enrollees strongly agreed or agreed that it is very important for them personally to have health insurance.
- Most current enrollees strongly agreed or agreed that having HMP has taken a lot of stress off them (91.4%) and that without HMP they would not be able to go to the doctor (88.5%) or the dentist (83.6%); those with a chronic condition were more likely than those without to strongly agree or agree with these statements.
- Current enrollees were more likely in 2017 than in 2016 to strongly agree or agree that having HMP has taken away a lot of stress (91.4% vs. 87.9%) and that without HMP they would not be able to go to the doctor (88.4% vs. 84.3%).

Aim 3: To understand financial and non-financial barriers and facilitators to care and how those change over time of enrollment and disenrollment.

Forgone health care

- Former enrollees were more likely than current enrollees to report forgone health care (in the last 12 months for current enrollees or since HMP coverage ended for former enrollees) (17.1% vs. 7.8%).
- Among current enrollees who reported not getting the health care they needed:
 - The most commonly reported types of forgone health care were primary care (43.2%) and specialty care (28.3%); prescription medications was mentioned by 20.5% and mental health care by 9.2%.
 - The most commonly reported reason for not getting the health care they needed, regardless of the type of care, was difficulty getting an appointment (25.7%).
- Among former enrollees who reported not getting the health care they needed:
 - The most commonly reported types of forgone health care were primary care (46.2%), prescription medications (25.0%), and specialty care (16.2%).
 - The most commonly reported reasons for not getting the health care they needed, regardless of the type of care, were no insurance coverage (45.5%) and cost (36.0%).

Forgone dental care

- 16.4% of current enrollees reported not getting the dental care they needed in the last 12 months.
- In multivariate analyses limited to current enrollees, individuals with a chronic condition (aOR=1.45) or a mental health condition (aOR=1.60) were more likely than individuals without these conditions to report forgone dental care in the last 12 months.

- HMP coverage ended.
- Former enrollees were more likely than current enrollees to report forgone dental care (in the last 12 months for current enrollees or since HMP coverage ended for former enrollees) (aOR=1.58).

Aim 4: To describe HMP enrollees' health behaviors, how they change over time with enrollment and disenrollment in HMP, and barriers and facilitators to improvement in health behaviors.

Health behaviors

- 6.6% of current enrollees reported binge drinking three or more days per week in the 2017 survey. Approximately half (52.6%) of current enrollees who reported any binge drinking in 2016 decreased their alcohol use between 2016 and 2017.
- Among current enrollees who reported smoking or using tobacco in 2016, 14.4% quit smoking or using tobacco from 2016 to 2017.

Health risk assessment

- Current enrollees were more likely than former enrollees to have a completed HRA with physician attestation recorded in the data warehouse (43.9% vs. 28.8%). Among current enrollees, those that had a PCP visit were much more likely than those who did not to have completed an HRA (46.6% vs. 8.2%).

Aim 5: To understand HMP enrollees' decisions about when, where and how to seek care, including decisions about emergency department utilization.

Regular source of care

- 93.8% of current enrollees reported having a place they would usually go when they need a checkup, feel sick, or want advice about their health in the last 12 months. Among those current enrollees, 69.7% reported a doctor's office, 20.5% a clinic, 6.1% an urgent care/walk-in clinic, and 2.6% reported the ER as their regular source of care.
- Current enrollees who reported a PCP visit in the past 12 months were much less likely than those who did not to report having the ER or urgent care as a regular source of care in the last 12 months (2.4% vs. 15.0%).
- 76.5% of former enrollees reported having a place they would usually go when they need a checkup, feel sick, or want advice about their health since their HMP coverage ended. Among those former enrollees, 62.5% reported a doctor's office, 21.2% a clinic, 7.9% an urgent care/walk-in clinic, and 5.7% reported the ER as their regular source of care.

Primary care utilization

- 85.6% of current enrollees reported seeing their PCP in the past 12 months.
- Among those who reported not seeing their PCP in the past 12 months, the most common reason given was that they were healthy and did not need to see a provider (57.0%).
- 92.9% of current enrollees had a claim for at least one primary care visit.

Preventive services utilization

- 92.4% of current enrollees had a claim for at least one preventive service.
- 50.0% of current enrollees (not restricted by age or gender) had a claim for cancer screening.
 - 59.0% of women received cervical cancer screening
 - 75.4% of women over age 50 received breast cancer screening
 - 45.6% of current enrollees over age 50 had colorectal cancer screening
- In multivariate analysis, the number of preventive services received by current enrollees was greater for those who:
 - Reported having a PCP visit in the past 12 months compared to those who did not
 - Completed an HRA compared to those who did not
 - Reported discussing the HRA with a provider in the last year compared to those who did not
 - Had better knowledge of HMP covered benefits and costs
 - Had a greater number of primary care visits
- In multivariate analysis limited to current enrollees, there were no statistically significant associations between the number of preventive services received by current enrollees and their knowledge of fee reductions for completing an HRA or agreeing that MI Health Account statements led them to change health care decisions.

Dental care utilization

- 67.4% of current enrollees had a claim for at least one dental visit.

Self-reported emergency room use

- 33.3% of current enrollees reported going to the ER for care in the past 12 months.
- Current enrollees who reported a PCP visit in the past 12 months were more likely than those who did not to say they tried to contact their PCP before going to the ER (21.3% vs. 8.4%).

Perspectives on care seeking

- 83.8% of current enrollees strongly agreed or agreed that their preference is to go straight to a doctor and ask his or her opinion if they have a medical problem.
- 22.4% of former enrollees strongly agreed or agreed that sometimes they go to the ER because they know they cannot be turned away.
- 33.6% of former enrollees strongly agreed or agreed that sometimes they go to the ER because they do not have another place to get care.

Checking cost-sharing before seeking care

- 26.9% of current and former enrollees reported checking how much they would have to pay for a doctor's visit, medication, or other health service before they received care in the past 12 months.

Aim 6: To understand why enrollees lose or drop HMP coverage and what, if any, source of health insurance coverage they subsequently obtain.

Predictors of disenrollment

- In multivariate analysis, those with an income of 36-99% FPL (aOR=1.79) and those with an income of 100-133% FPL (aOR=2.07) were more likely than those with an income of 0-35% FPL to disenroll from HMP.
- There was no difference between those no longer enrolled and those still enrolled in HMP in their views in the 2016 survey of the affordability of HMP, the fairness of HMP costs, or the importance of health insurance.

Reasons for disenrollment

- Among all former enrollees, the most common reason for disenrollment was an income increase or getting other coverage (53.7%), with 13.8% saying they were [otherwise] ineligible to continue. Fewer former enrollees reported administrative problems (8.6%) or not taking action to re-enroll (7.7%).

Insurance status since HMP coverage ended

- At the time of the 2017 survey, 29.9% of former enrollees reported being uninsured, 26.6% reported Medicaid insurance, 21.5% reported private, employment-based insurance, 11.4% reported Medicare, VA or CHAMPUS insurance, and 4.0% reported private insurance purchased by themselves or someone else.

Cost of insurance since HMP coverage ended

- 47.0% of former enrollees reported that the amount they currently pay for their health insurance in a typical month is a little or a lot more than what they were paying with their HMP coverage, 39.4% said it is about the same, and 7.7% said it is less. Those with an income of 100-133% FPL were more likely to report that the amount they currently pay is a lot more than what they were paying with HMP.

Problems paying medical bills since HMP coverage ended

- 22.0% of former enrollees reported having problems paying medical bills since their HMP coverage ended.

Perspectives on cost-sharing and coverage since HMP coverage ended

- 49.0% of former enrollees strongly agreed or agreed that they worry more about something bad happening to their health since their HMP coverage ended.

Aim 7: To describe the experiences and perceptions of HMP enrollees who may have been eligible for HMP for some time before enrolling.

Not applicable to the 2017 HMV Follow-Up Survey.

Conclusions

Health improvement

Our findings from the 2017 HVM Follow-Up Survey show that Medicaid expansion in Michigan is associated with improvements in self-reported health and fewer days of poor physical health among both current and former enrollees and in many subgroups of current and former enrollees including those with a chronic condition and those with a mental health condition and/or substance use disorder.

These longitudinal results are noteworthy, since other evidence on the health impact of Medicaid expansion has been mixed and has been largely based on comparisons of expansion and non-expansion states using serial cross-sectional data for the U.S. population. One of the only other recent studies to examine longitudinal changes in health among enrollees was the Oregon Health Insurance Experiment, which found a decrease in symptomatic depression and mixed results related to changes in physical health.^{1, 2}

Employment gains

Data from the 2017 HVM Follow-Up Survey show that the proportion of current and former enrollees who reported being employed/self-employed increased from 48.7% in the 2016 survey to 57.1% in the 2017 survey. Analysis of the 2016 HVM Enrollee Survey data showed that enrollees reported that HMP helped them in their work, look for work, and find a better job, and analysis of the 2017 survey now shows gains in employment.

Few other studies have examined the impact of Medicaid expansion on employment. While Ohio found their Medicaid expansion program was associated with improvements in ease of working or looking for work,³ and another study found that people with disabilities were more likely to be employed after Medicaid expansion,⁴ most studies have not seen changes in employment associated with Medicaid expansion.⁵

¹ Baicker, K., Taubman, S. L., Allen, H.L., Bernstein, M., Gruber, J. H., Newhouse, J. P., Schneider, E. C., Wright, B. J., Zaslavsky, A. M., & Finkelstein, A. N. (2013). The Oregon experiment: Effects of Medicaid on clinical outcomes. *New England Journal of Medicine*, 368(18), 1713-1722.

² Finkelstein, A., Taubman, S., Wright, B., Bernstein, M., Gruber, J., Newhouse, J. P., Allen, H., & Baicker, K. (2012). The Oregon health insurance experiment: Evidence from the first year. *Quarterly Journal of Economics*, 127(3), 1057-1106.

³ The Ohio Department of Medicaid. (2018, August 20). *2018 Ohio Medicaid Group VII Assessment: A Follow-Up to the 2016 Ohio Medicaid Group VII Assessment*. Retrieved from <https://www.medicaid.ohio.gov/Portals/0/Resources/Reports/Annual/Group-VIII-Final-Report.pdf>

⁴ Hall, J. P., Shartz, A., Kurth, N. K., & Thomas, K. C. (2017). Effect of Medicaid expansion on workforce participation for people with disabilities. *American Journal of Public Health*, 107(2), 262-264.

⁵ Antonisse, L., Garfield, R., Rudowitz, R., & Artiga, S. (2018, March 28). *The effects of Medicaid expansion under the ACA: Updated findings from a literature review*. Retrieved from <https://www.kff.org/medicaid/issue-brief/the-effects-of-medicaid-expansion-under-the-aca-updated-findings-from-a-literature-review-march-2018/>

Experiences of those no longer enrolled

About one in four 2017 HMP Follow-Up Survey respondents were no longer enrolled in HMP, and one third of these former enrollees reported being uninsured. Former enrollees, including those with and without insurance at the time of the survey, were more likely than current enrollees to report having recently forgone health care and dental care, usually due to cost or lack of coverage. Many former enrollees reported greater out of pocket costs and more difficulty with medical bills after their HMP coverage ended.

While former enrollees were less likely than those who remained enrolled to report having a regular source of care, and less likely to report that their regular source of care is a doctor's office or clinic, few named the ER as that source of care. More than three quarters of those who did report that their regular source of care is a doctor's office or clinic said they were still going to their HMP PCP. This suggests that even shorter-term HMP enrollment may promote a shift away from reliance on emergency rooms to primary care and may facilitate primary care continuity. However, one in three former enrollees agreed that sometimes they go to the ER because they don't have another place to get care; another substantial minority said that sometimes they go to the ER because they know they cannot be turned away.

There was no difference between those no longer enrolled and those still enrolled in HMP in their views in the 2016 survey of the affordability of HMP, the fairness of HMP costs, or the importance of health insurance.

Current enrollees' understanding of insurance and covered benefits

Current enrollees generally had a good overall understanding of HMP's covered benefits. In 2017 compared to 2016, current enrollees were more likely to know that dental care and eyeglasses are covered by HMP. Yet many current enrollees continued to be unaware in the 2017 survey that HMP provides coverage for smoking cessation and substance use disorder treatment. Understanding of the healthy behavior rewards associated with HRA completion also continued to remain low among current enrollees in 2017.

Current enrollees' access to care, primary care and prevention

Improved access to and use of preventive services can improve health in the short- and long-term. Current enrollees continued to report improvements in access to care in the 2017 survey. Nearly all current enrollees reported a regular source of care, the vast majority naming a doctor's office or clinic rather than an urgent care/walk-in clinic or an ER. Few current enrollees reported not getting the health care they needed in the last 12 months. Current enrollees also continued to report reductions in financial barriers to care. Current enrollees were even more likely in 2017 than in 2016 to strongly agree or agree that without HMP they wouldn't be able to go to the doctor.

Nearly all current enrollees had a claim for a primary care visit. Among those who reported not seeing their PCP in the past 12 months, more than half said that was because they were healthy and did not need to see a provider.

Current enrollees reported positive changes in health behaviors. For instance, among current enrollees who reported smoking or using tobacco in 2016, 14.4% did not report smoking or using tobacco in 2017. This is nearly twice the recent quit rate (7.4%) from 2015 national data.⁶ Improved health behaviors can improve health immediately and, of course, in the longer term.

Previous studies have found that Medicaid expansion leads to increases in the number of preventive services received.^{7,8} In this analysis, nearly all current enrollees had a claim for at least one preventive service. PCP visits, remembering discussions about the HRA, HRA completion with PCP attestation, and better knowledge of HMP coverage were all associated with more preventive services utilization. Other studies have shown mixed results in regards to the impact of Medicaid expansion on cancer screening.⁹ Screening for colorectal cancer in this HMP survey cohort was comparable to or better than that found for low-income populations nationally, and the breast cancer screening rate was much higher.¹⁰

Recommendations

It is important to continue to assess the long-term impact of Medicaid expansion on health and functional outcomes, including employment. While short-term gains have been seen, the emphasis on prevention and health risk modification in HMP could have even greater impact over the long-term. While some of this information on health and functional outcomes can be ascertained from claims, surveys such as the *Healthy Michigan Voices* Survey provide a unique opportunity to understand changes in health behaviors and health status that are not readily evident in claims data.

Because primary care visits appear to have a large impact on health promotion and preventive services, and may decrease the use of emergency rooms, maintaining and improving access to primary care could be more important than emphasizing the completion of the HRA. We recommend that MDHHS work with Medicaid health plans and the provider community to maintain or improve timely access to appointments.

MDHHS or the evaluation team should continue to monitor the employment status of current HMP enrollees, including health-related barriers to gaining employment; and the health status of enrollees who lose HMP coverage if they are unable to satisfy community engagement requirements.

⁶ Babb, S., Malarcher, A., Schauer, G., Asman, K., & Jamal, A. (2017, January 6). Quitting smoking among adults: United States, 2000–2015. *Morbidity and Mortality Weekly Report*, 65(52),1457–1464.

⁷ Sabik, L. M., Tarazi, W. W., & Bradley, C. J. (2015). State Medicaid expansion decisions and disparities in women’s cancer screening. *American Journal of Preventive Medicine*, 48(1), 98–103.

⁸ Simon, K., Soni, A., & Cawley, J. (2017). The impact of health insurance on preventive care and health behaviors: Evidence from the first two years of the ACA Medicaid expansions. *Journal of Policy Analysis and Management*, 36(2), 390–417.

⁹ Mahal, B. A., Chavez, J., Mahal, A. N., Yang, D. D., Kim, D. W., Sanford, N. N., Sethi, R., Hu, J. C., Trinh, Q. D., & Nguyen, P. L. (2018). Early impact of the Affordable Care Act and Medicaid expansion on racial and socioeconomic disparities in cancer care. *International Journal of Radiation Oncology*, 102(3), e418-e419.

¹⁰ Sabatino, S. A., White, M. C., Thompson, T. D., & Klabunde, C. N. (2015, May 8). Cancer screening test use: United States, 2013. *Morbidity and Mortality Weekly Report*, 64(17), 464-8.

MDHHS should continue to educate HMP enrollees about covered benefits, particularly coverage for smoking cessation and treatment for substance use disorders, and about financial incentives for healthy behaviors.

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 (HMV)*. This report presents findings from the 2017 *Healthy Michigan Voices Follow-Up Survey*. From March 2017 to January 2018, 3,104 individuals who participated in 2016 completed the 2017 survey. The 2018 *Healthy Michigan Voices Follow-Up Survey* is currently underway.

Methods

Survey design

Two survey instruments were developed, one for those who remained enrolled in HMP and one for those who were no longer enrolled in HMP at the time of the survey. Each survey included established measures of demographics, health, access to care, and insurance status drawn from national surveys, including the National Health and Nutrition Exam Survey (NHANES),¹¹ the Health Tracking Household Survey (HTHS),¹² the National Health Interview Survey (NHIS),¹³ the Behavioral Risk Factor Surveillance System (BRFSS¹⁴ and MiBRFSS¹⁵), the Short Form Health Survey (SF-12),¹⁶ the Food Attitudes and Behaviors Survey,¹⁷ the Consumer Assessment of Healthcare Providers and Systems (CAHPS),¹⁸ the Employee Benefit Research Institute Consumer Engagement in Healthcare Survey (CEHCS),¹⁹ the Commonwealth Fund Health Care Quality Survey,²⁰ 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 previously developed based on findings from 67 semi-structured interviews with HMP enrollees 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 April to August 2015. New items underwent cognitive testing, and pre-testing for timing and clarity and many were used successfully in the 2016 *Healthy Michigan Voices Enrollee Survey*.²¹ Items asking about experiences of and reasons for disenrollment were based

¹¹ [NHANES \(National Health and Nutrition Exam Survey, CDC\)](#)

¹² [HTHS \(Health Tracking Household Survey\)](#)

¹³ [NHIS \(National Health Interview Survey, CDC\)](#)

¹⁴ [BRFSS \(Behavioral Risk Factor Surveillance System, CDC\)](#)

¹⁵ [MiBRFSS \(Michigan Behavioral Risk Factor Surveillance System, MDHHS\)](#)

¹⁶ [SF-12 \(Short Form Health Survey, RAND\)](#)

¹⁷ [FAB \(Food Attitudes and Behaviors Survey, NCI\)](#)

¹⁸ [CAHPS \(Consumer Assessment of Healthcare Providers and Systems\)](#)

¹⁹ [Consumer Engagement in Health Care Survey \(EBRI: CEHCS\)](#)

²⁰ [Commonwealth Fund Health Care Quality Survey](#)

²¹ [Report on the 2016 Healthy Michigan Voices Survey](#)

responses to open-ended questions on the 2016 HMV survey of individuals no longer enrolled in 2016 (these individuals were not sampled during the 2016 HMV Enrollee Survey).

Survey administration

Individuals who completed the 2016 *Healthy Michigan Voices* Enrollee Survey and consented to be contacted for follow-up were the target population for the 2017 HMV Follow-Up Survey. Approximately 13-14 months after completion of the 2016 HMV Enrollee Survey, introductory packets were mailed to respondents at the address given during the 2016 survey; prior to mailing, the MDHHS Data Warehouse was queried to identify any respondents who were documented as deceased or incarcerated. The introductory packet contained a letter explaining the follow-up survey, 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 also provided a toll-free number and email address for enrollees and former enrollees who wished to indicate a preferred time/day for interview or refusal to participate. For introductory packets returned as undeliverable, the MDHHS Data Warehouse was queried for updated address information.

Approximately five business days after introductory packets were mailed, email and text messages were sent to respondents who indicated on their 2016 HMV Enrollee Survey that they preferred these contact methods; the emails and text messages restated key information from the introductory letter. For those who did not refuse using postcards, email or text response, *Healthy Michigan Voices* interviewers placed phone calls to sampled enrollees and former enrollees between the hours of 9 am and 9 pm. Surveys were conducted in English, Arabic and Spanish; those who could not speak one of those languages were excluded from participation. Responses were recorded using computer-assisted telephone interviewing software.

At the outset of the survey, current and former enrollees were informed that their individual responses would be kept confidential; only aggregate data would be reported. They were also 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 and phone minutes devoted to completing the survey. The median duration of time to complete the survey was 18 minutes; the amount of time to complete the survey ranged from 8 to 63 minutes.

Survey population and inclusion criteria

The 2017 HMV Follow-Up Survey was administered to those who consented to be followed up in the 2016 HMV Enrollee Survey. Out of 4,106 respondents in 2016, 3,957 (96.4%) consented as shown in Table 3. Our analysis of potential non-response bias indicated little difference between those who consented to be recontacted and those who did not (see Table 1).

Table 1. Comparison of characteristics of 2016 HMV Enrollee Survey respondents who consented to be recontacted and those who did not

Characteristics	Consented to be recontacted N=3,957 (%)	Did not consent to be recontacted N=149 (%)	<i>p</i> value
Age			
19-34	31.7%	36.2%	0.156
35-50	31.7%	34.9%	
51-64	36.6%	28.9%	
Gender			
Male	40.7%	53.3%	0.002
Female	59.3%	46.7%	
Race/Ethnicity			
Non-Hispanic White	33.8%	37.3%	0.374
Other	66.2%	62.7%	
Income (% FPL)			
0-35% FPL	39.2%	38.3%	0.620
36-99% FPL	35.3%	38.9%	
100-133% FPL	25.5%	22.8%	
Prosperity Region			
Northern Michigan	18.3%	14.8%	0.342
Central Michigan	31.0%	27.5%	
Southern Michigan	20.4%	21.5%	
Detroit Metro	30.2%	36.2%	
Interview language			
Arabic	1.5%	0.7%	0.473
English	97.9%	99.3%	
Spanish	0.5%	0%	

Sampling plan

There was no sampling plan implemented as all of those who consented to be recontacted were included in the 2017 HMV Follow-Up Survey call attempts.

Table 2. Characteristics of the 2017 HMV Follow-Up Survey Respondents (n=3,104)

	Prosperity Region ²²				
	UP/NW/NE	W/EC/E	SC/SW/SE	DET	Total
Federal Poverty Level					
0-35%	220	396	242	365	1,223
	7.1%	12.8%	7.8%	11.8%	39.4%
36-99%	182	361	238	305	1,086
	5.9%	11.6%	7.7%	9.8%	35.0%
≥100%	173	224	153	245	795
	5.6%	7.2%	4.9%	7.9%	25.6%
Total N complete	575	981	633	915	3,104
Total % complete	18.5%	31.6%	20.4%	29.5%	100.0%

Survey response characteristics

The results of the 2017 HMV Follow-Up Survey call attempts to these 3,957 consenters are shown in Table 3. For various reasons, not everyone who consented ultimately participated in the 2017 HMV Follow-Up Survey. In some cases there was attempted contact but no response and some 2016 respondents were no longer considered eligible to participate.

Table 3. 2017 HMV Follow-Up Survey call results

Call Results	n	(%)
Response	3104	75.6
Nonresponse	608	14.8
Partial complete	6	0.1
Refusal	166	4.0
Noncontact/Other nonresponse	436	10.6
Ineligible	394	9.6
Not the correct number	105	2.6
Deceased	50	1.2
Unable to complete in English, Spanish or Arabic	2	0.0
Non-working phone number	88	2.1
Did not consent in 2016 to follow-up contact	149	3.6
Total	4,106	100.0

The 2017 HMV Follow-Up Survey response rate was 83.4% as 3,104 of 3,712 eligible enrollees completed the survey. This is considered a very high response rate for surveys of this nature²³.

²² Four grouped prosperity [regions in the state](#) (Upper Peninsula/North West/North East; West/East Central/East; South Central/South West/South East; Detroit)

²³ Holt, C. L., Le, D., Calvanelli, J., Huang, J., Clark, E. M., Roth, D. L., Williams, B., & Schulz, E. (2015). Participant retention in a longitudinal national telephone survey of African American men and women. *Ethnicity & Disease*, 25(2), 187-192.

We compare respondents and nonrespondents of the 2017 HMV Follow-Up Survey in Table 4 using weighted analysis with $fu_{w_{4,i}}$, as described in Appendix D. They were different in age, FPL, and language. Older HMV respondents (ages 50-64 years old) were more likely to respond to the 2017 HMV Follow-Up Survey than younger HMV respondents. FPL was negatively related to response. Respondents who completed the survey in English were more likely to participate in 2017.

Table 4. Comparison of characteristics of 2017 HMV Follow-Up Survey respondents and nonrespondents using frame data

Characteristics	Respondents N=3,104 (%)	Nonrespondents N=608 (%)	<i>p</i> value
Age			
19-34	40.1%	49.7%	<0.001
35-50	29.5%	30.0%	
51-64	30.5%	20.3%	
Gender			
Male	47.2%	48.7%	0.612
Female	52.8%	51.3%	
Race/Ethnicity			
Non-Hispanic White	60.3%	60.8%	0.881
Other	39.7%	39.2%	
Income (% FPL)			
0-35% FPL	53.1%	45.6%	0.018
36-99% FPL	27.7%	32.1%	
100-133% FPL	19.1%	22.3%	
Prosperity Region			
Northern Michigan	8.9%	9.4%	0.249
Central Michigan	29.3%	24.8%	
Southern Michigan	18.1%	20.5%	
Detroit Metro	43.7%	45.3%	
Interview language (2016)			
Arabic	0.8%	5.3%	<0.001
English	98.7%	93.6%	
Spanish	0.5%	1.2%	

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) (see Appendix D for more detail).

Analyses

We generated descriptive statistics for responses to all questions in the survey, and present the weighted percentages with 95% confidence intervals (CIs) in Appendix A. Weights were applied to the data to adjust for the probability of selection, nonresponse bias and other adjustments (see Appendix D). The proportions included in this report reflect how the results we observed would apply to the eligible population of HMP enrollees as described in the 2016 HMV Enrollee Survey Report. The number of individuals who responded to each survey question is noted in the tables in Appendix A. When N is less than 3,104, 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 or based on whether respondents were still enrolled or no longer enrolled in HMP.

We examined bivariate associations with age, gender, race/ethnicity, FPL group, region, presence of a chronic condition (defined as those who reported any chronic condition in the 2016 HMV Enrollee Survey or the 2017 HMV Follow-Up Survey or those identified using claims data), and HMP enrollment status (still enrolled vs. no longer enrolled at the time of the 2017 survey) for all single-response closed-ended questions (see Appendix A). Additional analyses were conducted to examine change over time by comparing 2016 to 2017 responses, and to test for relationships or differences between selected variables and groups of interest, including analyses using claims data (see Appendix B).

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.

Claims data

Claims data were grouped into three 12-month periods, based on the enrollee's date of sampling for the 2016 HMV Enrollee Survey. Period 1 corresponds to the time period 12-24 months prior to sampling, Period 2 is 0-12 months prior to sampling, and Period 3 is 0-12 months post-sampling (see Appendix C). All claims-based variables combine data for all three periods unless otherwise noted.

Results

This section includes key findings from descriptive and multivariate analyses. Many results are not reported in text; see Appendix A and B for detailed tables presenting results from all analyses.

Current and former enrollee characteristics

Demographics

Of the 2017 HMV Follow-Up Survey respondents, 76.8% were still enrolled in HMP (“current enrollees”) at the time of the survey and 23.2% were no longer enrolled in HMP (“former enrollees”) at the time of the survey (Appendix A Table 0.1).

The vast majority of current enrollees (91%) had been enrolled all 12 months since they were sampled in 2016; the remaining 8% had experienced at least one month not enrolled in HMP during that time. Among former enrollees at the time of the 2017 survey, the number of months not enrolled ranged from less than 1 to 12. The distribution of months enrolled was even across these former enrollees.

Nearly one in five current and former enrollees (19.9%) had incomes 100-133% FPL, while more than half (52.3%) had incomes between 0-35% FPL (Appendix A Table 0.1). Former enrollees were more likely than current enrollees to have an income, in their last month of HMP enrollment, of 36-99% FPL (32.7% vs. 26.2%) and to have an income of 100-133% FPL (26.5% vs. 17.9%) (Appendix A Table 0.2).

Over half of current and former enrollees (53.0%) were women (Appendix A Table 0.1). The majority of current and former enrollees (88.8%) had at least a high school diploma or equivalent (Appendix A Table 0.1).

More than one in ten current and former enrollees (12.2%) had housing insecurity (i.e., they had lived three or more places in the past 3 years) while 7.9% had been homeless in the last 12 months (Appendix A Table 0.1). Current and former enrollees age 19-34 were more likely than older age groups and former enrollees were more likely than current enrollees to have had housing insecurity (17.7% vs. 10.5%) (Appendix A Table 0.11).

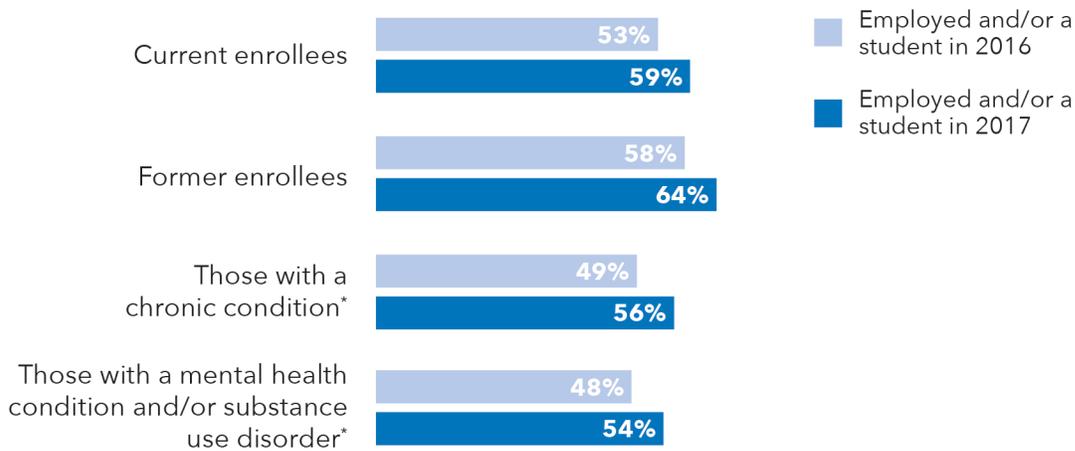
Employment

Over half of current and former enrollees (57.1%) were employed (Appendix A Table 0.4). Those with a chronic condition (defined as those who reported any chronic condition in the 2016 HMV Enrollee Survey or the 2017 HMV Follow-Up Survey or those identified using claims data) were less likely than those without such a condition to be employed (53.1% vs. 70.5%) (Appendix A Table 0.4). Those age 51-64 were less likely than younger age groups to be employed, and more likely, if they were working, to be working part-time (Appendix A Tables 0.4-0.4.1). Former enrollees were more likely than current enrollees to be employed (62.9% vs.

55.4%) and more likely, if employed, to be working full-time (69.2% vs. 41.6%) (Appendix A Tables 0.4-0.4.1).

The proportion of current and former enrollees who reported being employed/self-employed and/or a student increased from 2016 to 2017 (from 54.3% to 60.0%) (Appendix B Table 0.3.2). Increases were found in many subgroups, including current enrollees (from 53.1% to 58.7%), former enrollees (from 58.2% to 64.1%), current and former enrollees with a chronic condition (from 49.3% to 55.8%), and current and former enrollees with a mental health condition and/or substance use disorder (from 48.1% to 54.2%) (Appendix B Table 0.3.2).

A greater percentage of current and former enrollees were employed and/or a student in 2017 compared to 2016.



Note: *Includes current and former enrollees

There was no statistically significant relationship between being employed in 2017 or reporting a positive employment-related outcome in 2017 (reporting that HMP “helped me do a better job at work”, “helped me get a better job”, or “has made me better able to look for a job”) and indicating improved health from 2016 to 2017 (Appendix B Tables 0.2.1, 0.5.1).

About one in five employed current and former enrollees (22.3%) reported changing jobs in the last 12 months (Appendix A Table 0.4.2). Those age 19-34 were more likely than older age groups and former enrollees were more likely than current enrollees to report changing jobs in the last 12 months (28.5% vs. 20.2%) (Appendix A Table 0.4.2).

Current and former enrollees who were not employed most often reported being unable to work (41.3%) or out of work (33.6%); fewer reported being retired (8.5%), or not looking for work at this time (16.6%) (Appendix A Table 0.4.3). Women were less likely than men to report being out of work (27.0% vs. 40.9%) and more likely to report not looking for work at this time (24.6% vs. 7.9%) (Appendix A Table 0.4.3). Those age 35-50 and age 50-64 were more likely than those age 19-34 to report being unable to work (Appendix A Table 0.4.3). Those with a chronic condition were more likely than those without to report being unable to work (45.5% vs. 19.0%) or retired (9.6% vs. 2.5%) and less likely to report being out of work (30.3% vs. 51.3%) or not

looking for work (14.6% vs. 27.3%) (Appendix A Table 0.4.3). Former enrollees were more likely than current enrollees to report being unable to work (49.2% vs. 39.3%) or retired (12.9% vs. 7.4%) and less likely to report being out of work (26.2% vs. 35.5%) or not looking for work (11.7% vs. 17.9%) (Appendix A Table 0.4.3).

About half (47.5%) of current and former enrollees out of work had been out of work for less than a year, while most of those who reported being unable to work (87.4%) had been unable to work for one year or more (Appendix A Tables 0.4.3.1-0.4.3.2). Most who reported being unable to work said that was due to poor health (52.9%) or disability (41.0%) (Appendix A Table 0.4.3.3).

Use of HMP to avoid insurance gaps

Among employed current and former enrollees who had not changed jobs in the past 12 months, 80.1% indicated that HMP gave them insurance when they could not get insurance through their job (Appendix A Table 0.5).

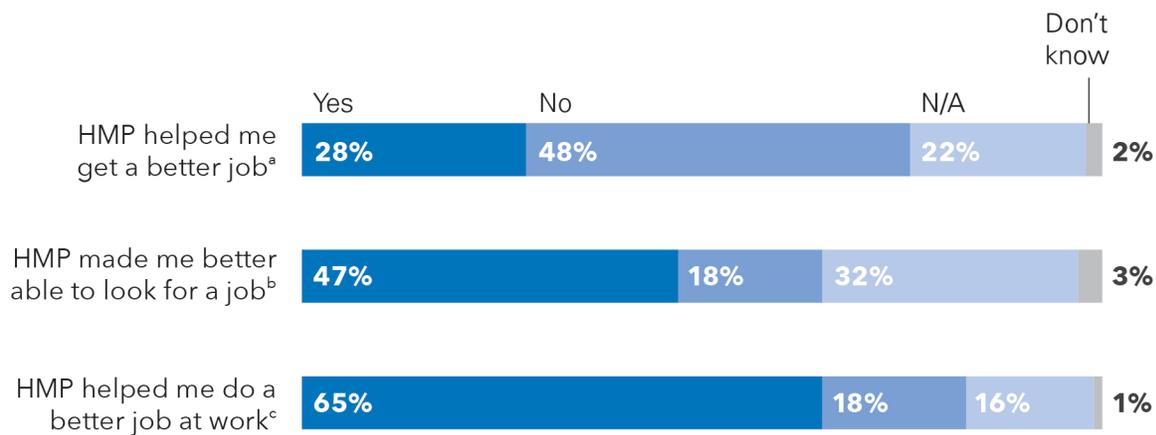
Among current and former enrollees in school, employed with a job change in the past 12 months, or not looking for work at this time, 77.4% reported that having HMP helped them stay insured between jobs or between school and a job (Appendix A Table 0.6).

Perspectives on the impact of HMP on employment-related outcomes

Current and former enrollees reported that HMP had a positive impact on their employment and job seeking ability:

- Among those who were employed or retired for less than one year, and not currently a student, 64.8% reported that getting health insurance through HMP helped them do a better job at work (Appendix A Table 0.7). Current enrollees were more likely than former enrollees to report this (67.8% vs 56.0%) (Appendix A Table 0.7).
- Among those who were employed and changed jobs in the last 12 months, 27.9% reported that having health insurance through HMP helped them get a better job (Appendix A Table 0.8).
- Among those who were out of work, 46.9% reported that having health insurance through HMP has made them better able to look for a job (Appendix A Table 0.9).

Current and former enrollees reported that HMP had a **positive impact on their employment and job seeking ability.**



Notes: ^aAmong those employed/self-employed who changed jobs in the last 12 months; ^bAmong those out of work; ^cAmong those employed/self-employed or retired for less than one year and not currently a student

Aim 1: To describe changes over time in health and functional status for HMP enrollees, particularly those with chronic conditions or other indicators of poorer health.

Current health status

About one in three current and former enrollees (36.4%) reported that their health was excellent or very good; 36.6% reported that their health was good, 20.9% reported that their health was fair, and 6.0% reported that their health was poor (Appendix A Table 1.1).

Chronic health conditions

At the time of the 2017 HMV Follow-Up Survey, three in four current and former enrollees (74.7%) reported having at least one chronic condition (Appendix A Table 1.10.1). The most commonly reported chronic conditions* in 2017 were mood disorder (33.8%), hypertension (31.4%), and arthritis or a related condition (27.6%) (Appendix A Table 1.10.1). Other conditions reported included asthma (16.9%), diabetes (10.3%), or a heart condition or heart disease (9.8%) (Appendix A Table 1.10.1).

Current enrollees were more likely than former enrollees to have at least one chronic condition (78.3% vs. 71.7%) and to have two or more chronic conditions (53.6% vs. 46.6%) (Appendix B Tables 1.1.2-1.1.3).

*Respondents were able to provide multiple responses to the survey question.

Self-reported change in health

Most current and former enrollees reported that in the past year their physical health had improved (29.6%) or stayed the same (56.1%), their mental health had improved (28.4%) or stayed the same (58.6%), and their oral health had improved (21.0%) or stayed the same (60.7%) (Appendix A Tables 1.3, 1.5, 1.7). Those with a chronic condition were more likely than those without to report that their physical health got worse (17.4% vs. 2.9%), their mental health got worse (14.5% vs. 6.3%), and their oral health got worse (19.3% vs. 13.1%) (Appendix A Tables 1.3, 1.5, 1.7). Current enrollees were more likely than former enrollees to report improved physical health (31.4% vs. 23.8%) and improved oral health (22.8% vs. 15.1%) in the past year (Appendix A Tables 1.3, 1.7).

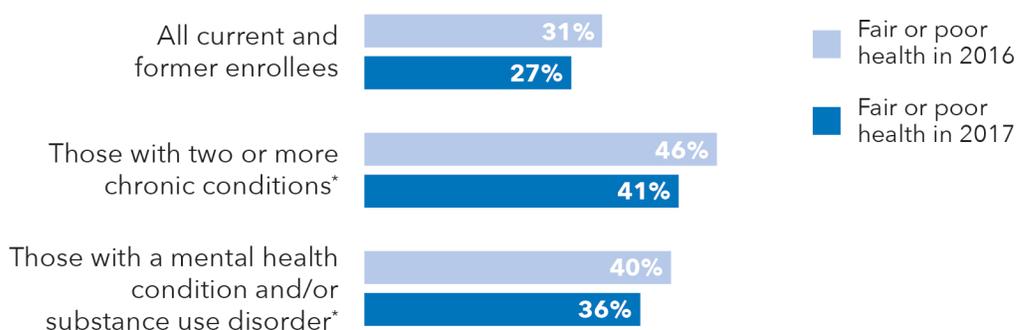
In multivariate analysis, current and former enrollees were less likely to report improved oral health in 2017 than they were in 2016 (adjusted odds ratio (aOR)=0.29) (Appendix B Table 1.8.2).

There was no statistically significant difference in the likelihood of reporting improved oral health in 2016 or 2017 between current enrollees and former enrollees (Appendix B Table 1.8.1). Former enrollees were more likely than current enrollees to report that their oral health got worse in 2017 (23.0% vs. 16.3%; aOR=1.67) (Appendix B Tables 1.8.6-1.8.7).

Self-reported fair/poor health (change 2016-2017)

The proportion of current and former enrollees who reported fair/poor health decreased from 2016 to 2017 (from 30.7% to 27.0%; aOR=0.66) (Appendix B Tables 1.3.2-1.3.3). Decreases in the proportion reporting fair/poor health were found in many subgroups of current and former enrollees including those with a chronic condition (from 36.7% to 32.6%), those with two or more chronic conditions (from 45.6% to 40.9%), those with a mental health condition and/or substance use disorder (from 39.9% to 35.6%), and those with a mental health condition (from 40.8% to 36.1%) (Appendix B Table 1.3.2).

Fewer current and former enrollees reported fair or poor health in 2017 compared to 2016.



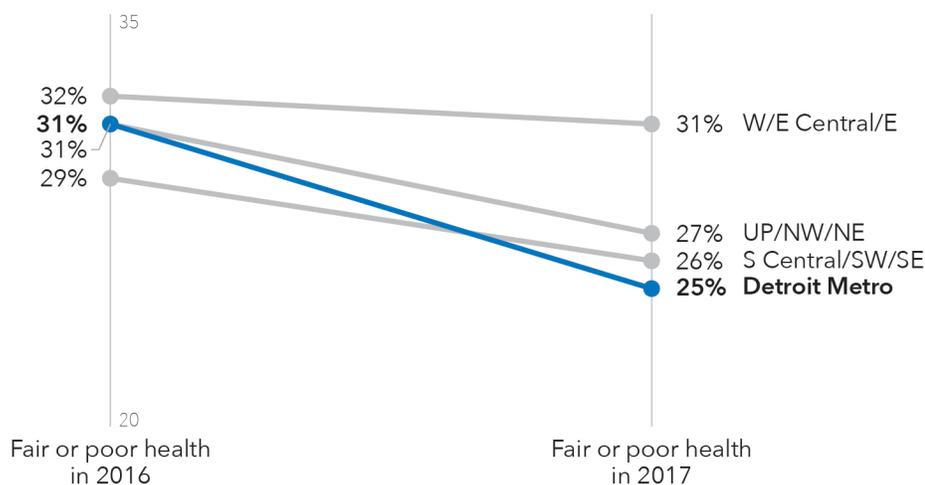
Note: *Includes current and former enrollees

Current and former enrollees with a mental health condition and/or substance use disorder were more likely than those without (12.7% vs. 9.0%) to have reported fair/poor health in 2016 but not in 2017 (Appendix B Table 1.4.1).

The proportion of current and former enrollees who reported fair/poor health decreased from 2016 to 2017 in subgroups with various chronic disease subgroups including: asthma (from 43.2% to 37.0%), diabetes (from 46.8% to 44.6%), and hypertension (from 43.0% to 38.0%) (Appendix B Table 1.3.6).

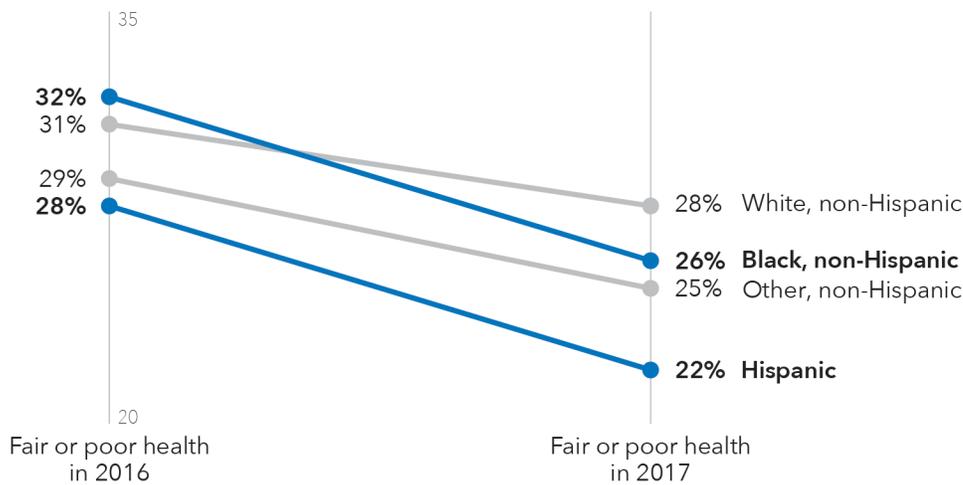
The proportion of former enrollees who reported fair/poor health increased from 2016 to 2017 in subgroups with various chronic disease subgroups including: arthritis (from 42.9% to 45.4%), cancer (from 52.7% to 56.6%), COPD (from 49.8% to 52.0%), and heart disease (from 48.3% to 50.7%) (Appendix B Table 1.3.6).

The change in the percentage of current and former enrollees reporting fair or poor health **varied by region with the biggest decrease in the Detroit Metro area.**



The largest decreases in reports of fair/poor health from 2016 to 2017 were observed in current and former enrollees who were Hispanic (from 28.3% to 21.5%), non-Hispanic Black (from 31.5% to 26.0%), from the Detroit Metro area (from 30.7% to 24.9%), and with an income 0-35% FPL (from 37.6% to 32.3%) (Appendix B Table 1.3.1).

The change in the percentage of current and former enrollees reporting fair or poor health **varied by race/ethnicity with the biggest decrease among those who were Black and Hispanic.**



Days poor physical health (change 2016-2017)

The mean number of days of poor physical health in the month prior to survey completion among current and former enrollees decreased from 2016 to 2017 (from 6.9 to 5.7) (Appendix B Table 1.5.2).

This decrease in days of poor physical health was also seen in various subgroups including both current enrollees (from 7.0 to 5.6) and former enrollees (from 6.8 to 5.8), those with a chronic condition (from 8.2 to 6.8), those with two or more chronic conditions (from 9.9 to 8.5), those with a mental health condition and/or substance use disorder (from 9.1 to 7.6), those with a mental health condition (from 9.5 to 8.0), and those with a substance abuse disorder (from 10.0 to 8.1) (Appendix B Table 1.5.2).

The mean number of days of poor physical health for current and former enrollees decreased from 2016 to 2017 among all chronic disease subgroups including: asthma, arthritis, cancer, COPD, diabetes, hypertension, and heart disease (Appendix B Table 1.5.6).

Days poor mental health (change 2016-2017)

There was no statistically significant decrease in the mean number of days of poor mental health in the month prior to survey completion among current and former enrollees from 2016 to 2017 (Appendix B Tables 1.6.2-1.6.3).

Days missed due to poor physical/mental health (change 2016-2017)

There was no statistically significant decrease, from 2016 to 2017, in the mean number of days, in the month prior to the survey, during which poor physical/mental health kept them from doing usual activities (Appendix B Tables 1.7.2-1.7.3).

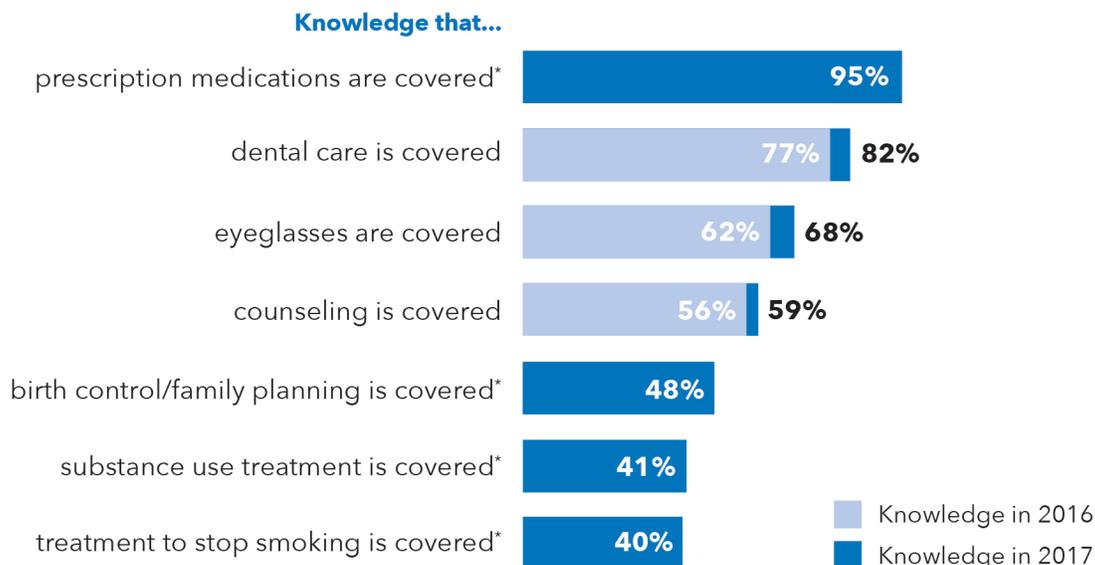
Aim 2: To describe perceptions and understanding of Medicaid coverage, HMP policies, and cost-sharing and how these change over time with enrollment.

Knowledge of HMP covered benefits

The majority of current enrollees knew that HMP covers prescription medications (95.1%), dental care (81.6%), eyeglasses (67.9%), and counseling for mental or emotional problems (58.8%) (Appendix A Tables 2.1-2.3, 2.6). Nearly half knew that HMP covers birth control or family planning (48.1%) (Appendix A Table 2.5). Less than half knew that HMP covers substance use treatment (41.4%) and treatment to stop smoking (39.7%) (Appendix A Tables 2.4, 2.7).

In 2017 compared to 2016, current enrollees were more likely to know that dental care is covered by HMP (81.6% vs. 77.0%; aOR=1.51) and that eyeglasses are covered by HMP (67.9% vs. 61.5%) (Appendix B Tables 2.1.1-2.1.2).

There is room for improvement in current enrollees' **knowledge of some HMP covered benefits.**



Note: *Question was not asked in 2016

Knowledge of HMP cost-sharing requirements and healthy behavior rewards

Nearly one in three current enrollees (31.3%) were aware that there is a limit or maximum on the amount they might have to pay each year for HMP while more than half (52.2%) were unsure (Appendix A Table 2.14). Those with an income 0-35% FPL were less likely than those with higher incomes to know that there is limit on the amount they might have to pay (Appendix A Table 2.14).

When asked whether they could get a reduction in the amount they have to pay if they complete a health risk assessment, 27.5% of current enrollees said yes, while 60.4% said they did not know (Appendix A Table 2.9). Awareness of getting a payment reduction for completing the HRA was greater among men compared to women (31.1% vs. 24.3%) and among those with an income 100-133% FPL compared to those with lower incomes (Appendix A Table 2.9).

The majority of current enrollees (72.4%) were aware that some kinds of visits, tests, and medicines have no copays (Appendix A Table 2.10). However, current enrollees were slightly less likely in 2017 than in 2016 to know that some visits, tests, and medicines have no copays (72.4% vs. 76.5%) (Appendix B Table 2.3.1).

Nearly one in three current enrollees (32.6%) erroneously thought they could be disenrolled from HMP for not paying their bill and half (50.8%) were unsure (Appendix A Table 2.8). Those with an income 100-133% were more likely than those with lower incomes to believe they could be disenrolled for this reason (Appendix A Table 2.8). Current enrollees were more likely in 2017 than in 2016 to know that they cannot be dropped from HMP for not paying (16.6% vs. 13.3%) (Appendix B Table 2.3.1).

Experiences with MI Health Account

Most current enrollees (78.4%) reported that they received a MI Health Account statement in the past year (Appendix A Table 2.11). Those with lower incomes were less likely to report receiving a MI Health Account statement (Appendix A Table 2.11). Among current enrollees who reported receiving a MI Health Account statement in the past year, 84.8% strongly agreed or agreed that they carefully review each statement to see how much they owe, 82.6% strongly agreed or agreed that the statements help them be more aware of the cost of health care, and 31.0% strongly agreed or agreed that the information in the statement led them to change some of their health care decisions (Appendix A Tables 2.11.1-2.11.3). Enrollees age 19-34 were less likely than older enrollees to agree with these views (Appendix A Tables 2.11.1-2.11.3). Current enrollees who were non-Hispanic White and those with an income 36-99% FPL were the least likely to agree that the information in the statement led them to change some of their health care decisions (Appendix A Table 2.11.3).

Current enrollees were more likely to recall having received a MI Health Account statement in 2017 compared to 2016 (78.4% vs. 72.3%) (Appendix B Table 2.4.1). However, current enrollees who received a statement were less likely in 2017 compared to 2016 to strongly agree or agree that they carefully review MI Health Account statements (84.8% vs. 89.3%) and that MI Health Account statements help them be aware of health care costs (82.6% vs. 88.3%) (Appendix B Table 2.4.1).

Perspectives on cost-sharing

The majority of current enrollees strongly agreed or agreed that the amount they have to pay for HMP overall seems fair (84.1%) and the amount they pay for HMP is affordable (86.7%) (Appendix A Tables 2.12-2.13).

The majority of current and former enrollees strongly agreed or agreed that getting discounts on copays and premiums as a reward for working on improving your health is a good idea (91.0%) and that everyone should have to pay something for their health care (53.7%) (Appendix A Tables 2.20-2.21).

In 2017 compared to 2016, current enrollees were less likely to strongly agree or agree that the amount they have to pay overall for HMP seems fair (84.1% vs. 88.7%) and that the amount they have to pay for HMP is affordable (86.7% vs. 90.1%) (Appendix B Table 2.6.1).

Perspectives on HMP coverage

The majority of all current and former enrollees (97.3%) strongly agreed or agreed that it is very important for them personally to have health insurance (Appendix A Table 2.19).

Most current enrollees strongly agreed or agreed that having HMP has taken a lot of stress off them (91.4%) and that without HMP they would not be able to go to the doctor (88.5%) or the dentist (83.6%); those with a chronic condition were more likely than those without to strongly agree or agree with these statements (Appendix A Tables 2.15-2.17).

Current enrollees were more likely in 2017 than in 2016 to strongly agree or agree that having HMP has taken away a lot of stress (91.4% vs. 87.9%) and that without HMP they would not be able to go to the doctor (88.4% vs. 84.3%) (Appendix B Table 2.8.1).

Questions or problems using HMP

Few current enrollees (11.0%) reported that they had questions or problems using their HMP coverage in the last 12 months (Appendix A Table 2.18). Among those who had questions or problems, the most commonly reported challenges* included: needing a service that was not covered (34.0%), difficulty/inability finding a provider (30.5%), and difficulty finding out information about HMP (24.7%) (Appendix A Table 2.18.1).

Current enrollees were less likely to report any questions or problems using HMP in 2017 compared to 2016 (11.0% vs. 15.6%) (Appendix B Table 2.9.1).

Perspectives on the Medicaid program

About half of all current and former enrollees (51.6%) strongly agreed or agreed that doctors treat people on Medicaid the same as people with private insurance, while 27.7% disagreed or strongly disagreed (Appendix A Table 2.22). Former enrollees were more likely than current enrollees to disagree or strongly disagree with this statement (34.7% vs. 25.7%) (Appendix A Table 2.22).

Most current and former enrollees (87.7%) strongly agreed or agreed that Medicaid helps people get a “leg-up” when they really need it (Appendix A Table 2.23). Current and former

*Respondents were able to provide multiple responses to the survey question.

enrollees who were non-Hispanic Black and those who were Hispanic agreed less with this statement (Appendix A Table 2.23).

Less than half of all current and former enrollees (41.9%) strongly agreed or agreed that many people on Medicaid do not want other people to know (Appendix A Table 2.24). Those who were older, non-Hispanic White, live in the UP/NW/NE region, and those who had higher incomes were more likely to agree with this statement, while those living in the Detroit Metro region agreed less (Appendix A Table 2.24).

Nearly half of all current and former enrollees (49.5%) strongly agreed or agreed that a lot of people in this country do not respect those on Medicaid (Appendix A Table 2.25). Those who were older, female, non-Hispanic White, live in the UP/NW/NE region, and those who have a chronic condition were more likely to agree with this statement, while those living in the Detroit Metro region agreed less (Appendix A Table 2.25). Former enrollees agreed more with this statement than current enrollees (Appendix A Table 2.25).

Most current and former enrollees (69.6%) disagreed or strongly disagreed that there should be a limit on how long someone can be covered by Medicaid (Appendix A Table 2.26). Those who were Hispanic were less likely to disagree with this statement (Appendix A Table 2.26).

Two in five former enrollees (40.6%) strongly agreed or agreed that many people are treated poorly when they are applying for Medicaid (Appendix A Table 2.27). Those living in the UP/NW/NE region were less likely to agree with this statement (Appendix A Table 2.27).

Aim 3: To understand financial and non-financial barriers and facilitators to care and how those change over time of enrollment and disenrollment.

Change in providers since HMP coverage ended

Among former enrollees, approximately one in six (15.5%) reported having to change one or more of their providers since their HMP coverage ended (Appendix A Table 3.4). Those who had to change one or more providers most commonly reported having to change their primary care provider (69.6%) (Appendix A Table 3.4.1).

Forgone health care

Current Enrollees

Few current enrollees (7.8%) reported not getting the health care they needed in the last 12 months (Appendix A Table 3.1). Among current enrollees who reported not getting the health care they needed:

- The most commonly reported types of forgone health care* were primary care (43.2%) and specialty care (28.3%); prescription medications was mentioned by 20.5% and mental health care by 9.2% (Appendix A Table 3.1.1).

*Respondents were able to provide multiple responses to the survey question.

- The most commonly reported reason for not getting the health care they needed*, regardless of the type of health care, was difficulty getting an appointment (25.7%); 15.5% reported needing a service that was not covered and 36.3% reported other reasons (Appendix A Table 3.1.1.1).

Individuals with a chronic condition were more likely than those without to report forgone health care in the last 12 months (9.1% vs. 2.8%; aOR=4.07) (Appendix B Tables 3.1.1, 3.1.5).

Individuals with a mental health condition were more likely than those without to report forgone health care in the last 12 months (10.7% vs. 4.9%; aOR=2.37) (Appendix B Tables 3.1.3, 3.1.5).

Individuals with a substance use disorder were more likely than those without to report forgone health care in the last 12 months (13.6% vs. 6.2%; aOR=2.53) (Appendix B Tables 3.1.4-3.1.5).

Former Enrollees

About one in six former enrollees (17.1%) reported not getting the health care they needed since their HMP coverage ended (Appendix A Table 3.5). Among former enrollees who reported not getting the health care they needed:

- The most commonly reported types of forgone health care* were primary care (46.2%), prescription medications (25.0%), and specialty care (16.2%) (Appendix A Table 3.5.1).
- The most commonly reported reasons for not getting the health care they needed*, regardless of the type of health care, were no insurance coverage (45.5%) and cost (36.0%) (Appendix A Table 3.5.1.1).

In multivariate analysis limited to former enrollees, individuals with Medicaid coverage (aOR=0.25) or private insurance from an employer (aOR=0.12) were much less likely than individuals who were uninsured to report forgone health care since their HMP coverage ended (Appendix B Table 3.1.7).

Comparing Current and Former Enrollees

Former enrollees were more likely than current enrollees to report forgone health care (in the last 12 months for current enrollees or since HMP coverage ended for former enrollees) (17.1% vs. 7.8%) (Appendix B Table 3.1.8).

Current enrollees were less likely than former enrollees to report forgone health care due to financial reasons (in the last 12 months for current enrollees or since HMP coverage ended for former enrollees) (1.6% vs. 13.5%; aOR=0.09) (Appendix B Tables 3.2.1-3.2.2).

*Respondents were able to provide multiple responses to the survey question.

Current enrollees were less likely than former enrollees with private insurance to report forgone health care due to financial reasons (in the last 12 months for current enrollees or since HMP coverage ended for former enrollees) (1.6% vs. 4.9%; aOR=0.25) (Appendix B Tables 3.2.3-3.2.4).

Forgone dental care

Current Enrollees

One in six current enrollees (16.4%) reported not getting the dental care they needed in the last 12 months (Appendix A Table 3.2). Those with a mental health condition were more likely than those without to report forgone dental care in the last 12 months (19.6% vs. 13.3%) (Appendix B Table 3.3.1). Among current enrollees who reported not getting the dental care they needed, the most commonly reported reasons for not getting the dental care they needed* were needing a service that was not covered (30.7%) and difficulty/inability finding a provider (21.5%); 13.1% reported cost as a reason (Appendix A Table 3.2.1). Among current enrollees, individuals who knew that HMP covers dental care were less likely than others to report forgone dental care in the last 12 months (15.0% vs. 23.0%; aOR=0.57) (Appendix B Tables 3.3.3-3.3.4).

In multivariate analyses limited to current enrollees, individuals with a chronic condition (aOR=1.45) or a mental health condition (aOR=1.60) were more likely than individuals without these conditions to report forgone dental care in the last 12 months (Appendix B Table 3.3.5).

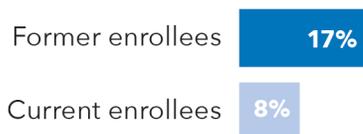
Former Enrollees

Nearly one in four former enrollees (23.3%) reported not getting the dental care they needed since their HMP coverage ended (Appendix A Table 3.6). Among former enrollees who reported not getting the dental care they needed, the most commonly reported reasons for not getting the dental care they needed* were no insurance coverage (46.1%) and cost (23.8%) (Appendix A Table 3.6.1).

Comparing Current and Former Enrollees

Former enrollees were more likely than current enrollees to report forgone dental care (in the last 12 months for current enrollees or since HMP coverage ended for former enrollees) (23.3% vs. 16.4%; aOR=1.58) (Appendix B Tables 3.3.6-3.3.7).

Former enrollees were more likely to report forgone health care compared to current enrollees.



Former enrollees were more likely to report forgone dental care compared to current enrollees.



*Respondents were able to provide multiple responses to the survey question.

Out-of-pocket costs

In the last 12 months, 65.7% of current enrollees spent less than \$50 out-of-pocket for their own medical and dental care (Appendix A Table 3.3).

Aim 4: To describe HMP enrollees' health behaviors, how they change over time with enrollment and disenrollment in HMP, and barriers and facilitators to improvement in health behaviors.

Health behaviors and health education

Exercise

More than one in four current enrollees (28.4%) reported exercising for at least 20 minutes every day in the last 7 days, and another 34.3% reported exercising for at least 20 minutes for 3-6 of the last 7 days (Appendix A Table 4.1). Those age 51-64 were more likely than younger enrollees to report exercising every day while those age 19-34 were more likely than older enrollees to report exercising 3-6 of the last 7 days (Appendix A Table 4.1).

About half of current enrollees (46.2%) reported talking with a health professional about exercise (Appendix A Table 4.4). Current enrollees with a chronic condition were more likely than those without to report this (50.5% vs. 30.5%) (Appendix A Table 4.4).

Among current enrollees, there was no statistically significant relationship between increased or maintained exercise frequency from 2016 to 2017 and completion of an HRA (Appendix B Table 4.2.2). This was also true for current enrollees with a chronic condition and those with a mental health condition and/or substance use disorder (Appendix B Tables 4.2.3, 4.2.5-4.2.7).

Diet/nutrition

About half of current enrollees (46.4%) reported talking with a health professional about diet/nutrition (Appendix A Table 4.5). Women were more likely than men (50.1% vs. 42.0%) and current enrollees with a chronic condition were more likely than those without to report this (51.0% vs. 29.4%) (Appendix A Table 4.5).

Over half of current enrollees (54.0%) reported drinking sugary drinks two or fewer days in the last 7 days (Appendix A Table 4.2). Those age 51-64 were the most likely (43.4%) to report 0 days of sugary drink consumption in the last 7 days (Appendix A Table 4.2).

From 2016 to 2017, sugary drink consumption decreased for more than one in three current enrollees (35.0%), increased for 25.1% of current enrollees, and stayed the same for 39.9% (Appendix B Table 4.3.1).

Among current enrollees, there was no statistically significant relationship between a change in sugary drink consumption from 2016 to 2017 and discussing diet/nutrition with a health professional in 2016 or 2017 or having an outpatient visit (Appendix B Table 4.3.1).

Among current enrollees, there was no statistically significant relationship between decreased or maintained sugary drink consumption from 2016 to 2017 and completion of an HRA (Appendix B Table 4.3.2). This was also true for current enrollees with a chronic condition and those with a mental health condition and/or a substance use disorder (Appendix B Tables 4.3.3, 4.3.5-4.3.7).

One in three current enrollees (33.9%) reported eating 3 or more servings of fruit and vegetables every day in the last 7 days (Appendix A Table 4.3). Men were more likely than women to report 0 days of eating 3 or more servings of fruit and vegetables (17.3% vs. 8.6%) (Appendix A Table 4.3).

Among current enrollees, those who completed an HRA were more likely than those who did not to have increased or maintained fruit and vegetable consumption from 2016 to 2017 (48.2% vs. 42.3%); this was also true among various subgroups including current enrollees with a chronic condition (48.3% vs. 42.3%) and current enrollees with a substance use disorder (54.9% vs. 41.8%) (Appendix B Tables 4.4.1-4.4.2, 4.4.6).

Alcohol use

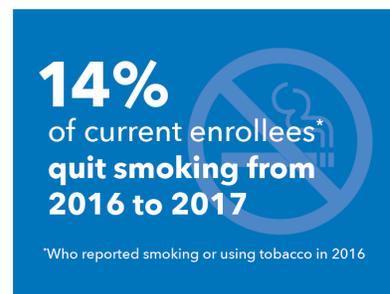
Few current enrollees (6.6%) reported binge drinking three or more days in the last 7 days (Appendix A Table 4.6). Among those who reported any binge drinking in the last 7 days, 33.1% reported talking with a health professional about safe alcohol use (Appendix A Table 4.6.1).

About half of current enrollees (52.6%) who reported binge drinking in 2016 decreased their frequency of binge drinking between 2016 and 2017 (Appendix B Table 4.5.1). This was more likely if they had an outpatient visit (55.3% vs. 23.4%) (Appendix B Table 4.5.1). There was no statistically significant relationship between decreasing frequency of binge drinking and completion of an HRA (Appendix B Tables 4.5.2-4.5.7).

Tobacco use

About one in three current enrollees (36.4%) reported smoking or using tobacco in the last 30 days (Appendix A Table 4.7). Those with an income 0-35% FPL were more likely than those with higher incomes and current enrollees with a chronic condition were more likely than those without to report smoking or using tobacco in the last 30 days (Appendix A Table 4.7). Among those who reported smoking or using tobacco in the last 30 days, 71.9% reported wanting to quit (Appendix A Table 4.7.1). Of those who said they would like to quit smoking or using tobacco, 91.0% reported working on quitting or cutting back (Appendix A Table 4.7.1.1). Among those who reported smoking or using tobacco in the last 30 days and wanting to quit, over half (52.2%) reported receiving advice or assistance from a health professional or their health plan on how to quit or cut back in the last 12 months (Appendix A Table 4.7.2).

Among current enrollees who reported smoking or using tobacco in 2016, 14.4% quit smoking or using tobacco from 2016 to 2017 (Appendix B Table 4.6.1). There was no statistically significant relationship between quitting smoking or using tobacco from 2016 to 2017 and completion of an HRA (Appendix B Table 4.6.1).



Drug use

Few current enrollees (5.4%) reported using drugs or medications in the last 30 days to affect mood or aid in relaxation (Appendix A Table 4.8). This proportion was not statistically different from the proportion in 2016 (6.1%) (Appendix B Table 4.8.1). Among those who reported using drugs or medications to affect mood or aid in relaxation, 49.9% used these drugs or medications almost every day (Appendix A Table 4.8.1). Among those who used drugs sometimes or almost every day, 43.8% reported speaking with a health professional about the use of these drugs or medications (Appendix A Table 4.8.1.1).

Among all current enrollees, those who completed an HRA were less likely than those who did not complete an HRA to report using drugs in the last 30 days (3.9% vs. 6.5%); this was also true among various subgroups including current enrollees with a chronic condition (4.4% vs. 7.3%), current enrollees with a mental health condition and/or substance use disorder (5.2% vs. 8.5%), and current enrollees with a mental health condition (4.9% vs. 8.1%) (Appendix B Tables 4.7.1-4.7.2, 4.7.4-4.7.5).

Health risk assessment

Self-reported HRA discussion

Nearly half of current enrollees (45.9%) said they discussed the HRA with their doctor or someone at their primary care provider's office in the last year (Appendix A Table 4.9).

Among current enrollees who reported discussing the HRA with their doctor or someone at their primary care provider's office, 88.5% chose to work on at least one health behavior (Appendix A Table 4.9.1). The most common behaviors* that current enrollees chose to work on were related to nutrition/diet (38.6%), exercise/activity (33.9%), reducing/quitting tobacco use (14.4%), and losing weight (13.3%) (Appendix A Table 4.9.1). Current enrollees were asked why they chose the healthy behavior they did and were able to provide multiple reasons. For these chosen health behaviors, the majority (between 71.2% and 82.7%) said they chose this behavior because it was something that they wanted to do anyway (Appendix A Table 4.9.1.1). Other reasons they reported were because the doctor suggested it (25.4% to 31.4%) or because it would help them improve their condition (4.6% to 16.1%) (Appendix A Table 4.9.1.1).

*Respondents were able to provide multiple responses to the survey question.

HRA completion with physician attestation

Current enrollees were more likely than former enrollees to have a completed HRA with physician attestation recorded in the data warehouse (43.9% vs. 28.8%) (Appendix B Table 4.9.1). Among current enrollees, those that had a PCP visit were much more likely than those who did not to have completed an HRA (46.6% vs. 8.2%) (Appendix B Table 4.9.2).

Aim 5: To understand HMP enrollees' decisions about when, where and how to seek care, including decisions about emergency department utilization.

Regular source of care

Current enrollees

Nearly all current enrollees (93.8%) reported having a place they would usually go when they need a checkup, feel sick, or want advice about their health in the last 12 months (Appendix A Table 5.1). Those with a chronic condition were more likely than those without to report having a regular source of care in the last 12 months (95.7% vs. 86.8%) (Appendix A Table 5.1). Among current enrollees who reported having a place they would go for health care in the last 12 months, 69.7% reported a doctor's office, 20.5% a clinic, 6.1% an urgent care/walk-in clinic, and 2.6% reported the emergency room (ER) as their regular source of care (Appendix A Table 5.1.1).

Current enrollees who reported a PCP visit in the past 12 months were much less likely than those who did not to report having the ER or urgent care as a regular source of care in the last 12 months (2.4% vs. 15.0%) (Appendix B Table 5.2.5).

Among current enrollees who reported going to a doctor's office or clinic for their health care, 96.7% said this was their primary care provider (PCP) through their HMP coverage (Appendix A Table 5.1.2.1). Among all current enrollees, 93.9% reported having a PCP (Appendix A Table 5.1.3).

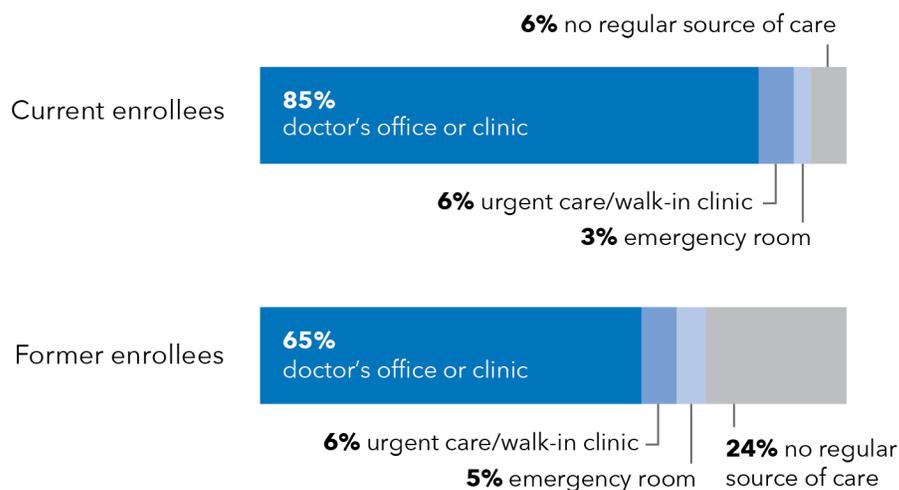
Among current enrollees who indicated they have a PCP, 82.6% reported that they had the same PCP as when they were surveyed last year (Appendix A Table 5.2). Among those who did not have the same PCP as last year, the most common reason current enrollees reported for changing their PCP were wanting a new PCP (32.5%), their PCP office moved or closed (19.0%), and their PCP retired (10.2%); 7.3% reported that the reason was because their PCP no longer accepted Medicaid (Appendix A Table 5.2.1).

Former enrollees

Three fourths of former enrollees (76.5%) reported having a place they would usually go when they need a checkup, feel sick, or want advice about their health since their HMP coverage ended (Appendix A Table 5.4). Those with a chronic condition were more likely than those without to report having a regular source of care in the last 12 months (80.6% vs. 66.0%) (Appendix A Table 5.4). Among former enrollees who reported having a place they would go

for health care since their HMP coverage ended, 62.5% reported a doctor’s office, 21.2% a clinic, 7.9% an urgent care/walk-in clinic, and 5.7% reported the ER as their regular source of care (Appendix A Table 5.4.1). Former enrollees who were non-Hispanic White were the most likely to report a doctor’s office as their regular source of care (Appendix A Table 5.4.1). Men were more likely than women to report the ER as their regular source of care (8.8% vs. 2.6%) (Appendix A Table 5.4.1). Among former enrollees who reported going to a doctor’s office or clinic for their primary health care, 78.7% reported still going to their HMP PCP (Appendix A Table 5.4.2.1).

Current enrollees were more likely than former enrollees **to have a regular source of care** and to report that it was a doctor’s office or clinic.



Primary care utilization

The majority of current enrollees (85.6%) reported seeing their PCP in the past 12 months (Appendix A Table 5.3). Those with a chronic condition were more likely than those without to report seeing their PCP (88.9% vs. 73.2%) (Appendix A Table 5.3). Among those who reported not seeing their PCP in the past 12 months, the most common reason* given was that they were healthy and did not need to see a provider (57.0%) (Appendix A Table 5.3.1).

Most current enrollees (70.8%) said it was very easy or easy to get an appointment to see their PCP in the past 12 months (Appendix A Table 5.6). Among those who said it was difficult or very difficult to get an appointment, the most common reason* was difficulty getting an appointment soon enough (77.2%) (Appendix A Table 5.6.1).

Nearly all current enrollees had a claim for a primary care visit (92.9%) (Appendix B Table 5.1.1). In multivariate analysis limited to current enrollees, current enrollees with a mental health condition and/or substance use disorder had a greater number of primary care visits than those without such disorders (Appendix B Table 5.2.4).

*Respondents were able to provide multiple responses to the survey question.

Preventive services utilization

Nearly all current enrollees had a claim for at least one preventive service (92.4%) (Appendix B Table 5.1.1). Half of current enrollees (50.0%) (not restricted by age or gender) had a claim for cancer screening (Appendix B Table 5.1.1).

- 59.0% of women received cervical cancer screening
- 75.4% of women over age 50 received breast cancer screening
- 45.6% of current enrollees over age 50 had colorectal cancer screening

Among current enrollees with diabetes and/or heart disease, 42.0% had a prescription for a statin (Appendix B Table 5.1.2).

Among current enrollees who reported using tobacco in 2016 or 2017, 28.1% had a prescription for nicotine replacement and/or varenicline (Appendix B Table 5.1.3).

In multivariate analysis, the number of preventive services received by current enrollees was greater for those who:

- Reported having a PCP visit in the past 12 months compared to those who did not
 - Completed an HRA compared to those who did not
 - Reported discussing the HRA with a provider in the last year compared to those who did not
 - Had better knowledge of HMP covered benefits and costs
 - Had a greater number of primary care visits
- (Appendix B Tables 5.1.10-5.1.12)

In multivariate analysis limited to current enrollees, there were no statistically significant associations between the number of preventive services received by current enrollees and their knowledge of fee reductions for completing an HRA or agreeing that MI Health Account statements led them to change health care decisions (Appendix B Tables 5.1.10, 5.1.12).

Dental care utilization

Over half of current enrollees (54.4%) reported getting dental care in the last 12 months (Appendix A Table 5.5). Women were more likely than men to report getting dental care (59.2% vs. 48.9%) (Appendix A Table 5.5). Those with a chronic condition were less likely than those without (52.8% vs. 60.3%) and those age 51-64 less likely than younger enrollees to report getting dental care (Appendix A Table 5.5).

Two in three current enrollees (67.4%) had a claim for at least one dental visit (Appendix B Table 5.1.1). Among current enrollees, those who knew that dental care is covered by HMP were much more likely than those who did not know dental care is covered to have had a dental visit (74.7% vs. 35.1%; aOR=5.46) (Appendix B Tables 5.3.2-5.3.3). There was no statistically significant relationship between having a dental visit and remaining enrolled in HMP coverage in 2017 (Appendix B Table 5.3.1).

Self-reported emergency room use

One in three current enrollees (33.3%) reported going to the ER for care in the past 12 months (Appendix A Table 5.8). Women were more likely than men (37.4% vs. 28.5%) and those with a chronic condition were more likely than those without to report going to the ER in the past 12 months (37.9% vs. 16.6%) (Appendix A Table 5.8). Among current enrollees who reported going to the ER in the past 12 months, they could report multiple reasons for doing so; 70.9% reported that they went to the ER because it is the closest place to receive care, 66.3% reported that their doctor's office or clinic was not open, 55.6% reported that the problem was too serious for a doctor's office or clinic, 40.3% reported that they needed to get care at a time when they would not miss work or school, 23.5% reported that they went to the ER because they get most of their care at the ER, and 15.0% reported arriving to the ER by ambulance (Appendix A Tables 5.8.3.1-5.8.3.6).

About one in five former enrollees (21.0%) reported going to the ER for care since their HMP coverage ended (Appendix A Table 5.7). Former enrollees with a chronic condition were more likely than those without to report going to the ER since their HMP coverage ended (24.0% vs. 13.4%) (Appendix A Table 5.7).

Among those who reported an ER visit, nearly one in five current and former enrollees (19.1%) tried to contact their usual provider's office before going to the ER (Appendix A Table 5.8.1). Women were more likely than men to report this (23.5% vs. 12.5%) (Appendix A Table 5.8.1). Of those current and former enrollees who tried to contact their usual provider's office before going to the ER, 76.5% reported talking to someone (Appendix A Table 5.8.1.1). 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 they were told to go to the ER (63.2%) (Appendix A Table 5.8.2).

Among current enrollees, those who reported a PCP visit in the past 12 months were more likely than those who did not to say they tried to contact their PCP before going to the ER (21.3% vs. 8.4%) (Appendix B Table 5.4.1).

Current enrollees were more likely than former enrollees to report an ER visit in 2016 or 2017 (50.2% vs. 44.1%); this was also true among those with a chronic condition (54.8% vs. 46.9%), those with a mental health condition and/or substance use disorder (63.2 vs 52.8%), and those with a chronic condition and a mental health condition and/or substance use disorder (65.3% vs. 55.1%) (Appendix B Tables 5.5.1-5.5.4).

In multivariate analysis, there was no statistically significant difference between reporting an ER visit in 2016 or 2017 and HMP enrollment status in 2017 (Appendix B Table 5.5.5). However, former enrollees were less likely than current enrollees to report an ER visit in 2016 or 2017 when limited to those with a chronic condition (aOR=0.74), those with a mental health condition and/or substance use disorder (aOR=0.64), and those with a chronic condition and a mental health condition and/or substance use disorder (aOR=0.64) (Appendix B Table 5.5.5).

*Respondents were able to provide multiple responses to the survey question.

Emergency room utilization

Among current enrollees, claims data indicated that 63.3% had no ER visits in period 3 (0-12 months post-sampling for the 2016 HMV Enrollee Survey), 32.9% had 1-4 ER visits, and 3.9% had 5 or more ER visits (Appendix B Table 5.6.1). Those with an income of 0-35% FPL were more likely than those with higher incomes to have 5 or more ER visits in period 3 (Appendix B Table 5.6.1). Those who were age 51-64, male, had a bachelor's or post graduate degree, who were employed, and who did not report difficulty getting an appointment with their PCP were more likely to have no ER visits in period 3 (Appendix B Tables 5.6.1-5.6.2). Those who were non-Hispanic Black, in fair/poor health, who reported health literacy challenges in 2016, and who reported forgone health care in the last 12 months were more likely to have 1-4 ER visits in period 3 (Appendix B Tables 5.6.1-5.6.2).

Most current enrollees (97.5%) did not have any low complexity ER visits in period 3 (Appendix B Table 5.6.10).

Care needs after hours

One in four current enrollees (24.4%) reported that there was a time when they needed help or advice when their usual clinic or doctor's office was closed (Appendix A Table 5.9). Women were more likely than men (29.0% vs. 18.9%) and those with a chronic condition were more likely than those without to report this (26.3% vs. 17.3%) (Appendix A Table 5.9). Current enrollees who reported needing help or advice when their usual clinic or doctor's office was closed were asked what they did to get the health care help or advice they needed and the most common responses* were that they went to the ER (36.4%), they went to urgent care or a walk-in clinic (29.1%), and that they got advice elsewhere (16.2%) (Appendix A Table 5.9.1).

Perspectives on care seeking

Most current enrollees (83.8%) strongly agreed or agreed that their preference is to go straight to a doctor and ask his or her opinion if they have a medical problem (Appendix A Table 5.10).

Few former enrollees (11.6%) strongly agreed or agreed that they are often embarrassed to go see a doctor (Appendix A Table 5.11). Few former enrollees (12.6%) strongly agreed or agreed that getting regular check-ups is not very important when you are healthy (Appendix A Table 5.12). More than two in three former enrollees (68.5%) strongly agreed or agreed that going to public or free clinics is just fine with them (Appendix A Table 5.13). More than one in five former enrollees (22.4%) strongly agreed or agreed that sometimes they go to the ER because they know they cannot be turned away (Appendix A Table 5.14). About one in three former enrollees (33.6%) strongly agreed or agreed that sometimes they go to the ER because they do not have another place to get care (Appendix A Table 5.15).

*Respondents were able to provide multiple responses to the survey question.

Checking cost-sharing before seeking care

One in four current and former enrollees (26.9%) reported checking how much they would have to pay for a doctor's visit, medication, or other health service before they received care in the past 12 months (Appendix A Table 5.16). Former enrollees were more likely than current enrollees to report checking cost before they received care (37.4% vs. 23.7%) (Appendix A Table 5.16). Current and former enrollees most commonly reported checking the cost before receiving* primary care (46.0%) and prescription medications (29.6%) (Appendix A Table 5.16.1).

Seeking out and using quality information in health care decisions

Few current and former enrollees (14.8%) reported comparing quality ratings for health care services at different places in the past 12 months (Appendix A Table 5.17). Former enrollees were more likely than current enrollees to report comparing quality ratings (18.9% vs. 13.6%) (Appendix A Table 5.17). Current and former enrollees most commonly reported comparing quality ratings for* primary care (49.4%) (Appendix A Table 5.17.1).

Talking with doctor about treatment options and costs

About one in four current and former enrollees (24.1%) reported asking a provider to recommend a less costly prescription drug in the past 12 months (Appendix A Table 5.18). Women were more likely than men (30.1% vs. 17.4%) and those with a chronic condition more likely than those without (26.2% vs. 17.2%) to report this (Appendix A Table 5.18). Former enrollees were more likely than current enrollees to report asking for a less costly prescription drug (30.3% vs. 22.2%) (Appendix A Table 5.18).

Aim 6: To understand why enrollees lose or drop HMP coverage and what, if any, source of health insurance coverage they subsequently obtain.

Predictors of disenrollment

There was a relationship between the number of places lived in the past three years and HMP coverage in 2017. As the number of places lived increased, so did the likelihood that a respondent would no longer be enrolled in HMP (Appendix B Table 6.1.2). In multivariate analysis, those who lived in two (aOR=1.55), three (aOR=1.86), or four or more places in the past three years (aOR=2.56) were more likely than those who lived in one place to be no longer enrolled in HMP (Appendix B Table 6.1.4). However, there was no statistically significant relationship between HMP coverage in 2017 and experience of homelessness in the last 12 months (Appendix B Table 6.1.1).

In multivariate analysis, those with an income of 36-99% FPL (aOR=1.79) and those with an income of 100-133% FPL (aOR=2.07) were more likely than those with an income of 0-35% FPL to disenroll from HMP (Appendix B Table 6.1.4).

*Respondents were able to provide multiple responses to the survey question.

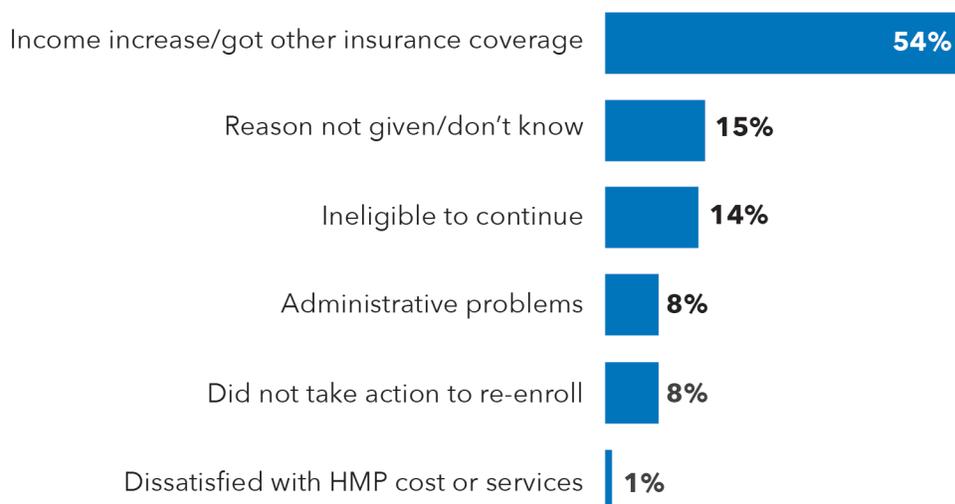
In multivariate analysis, there was no statistically significant relationship between marital status, employment status in 2017, or employment gain from 2016 to 2017 and whether they remained enrolled in HMP (Appendix B Table 6.1.4).

There was no difference between those no longer enrolled and those still enrolled in HMP in their views in the 2016 survey of the affordability of HMP, the fairness of HMP costs, or the importance of health insurance (Appendix B Table 6.1.3).

Reasons for disenrollment

Among all former enrollees, the most common reason for disenrollment was an income increase or getting other coverage (53.7%), with 13.8% saying they were [otherwise] ineligible to continue (Appendix B Table 6.2.1). Fewer former enrollees reported administrative problems (8.6%) or not taking action to re-enroll (7.7%) (Appendix B Table 6.2.1).

Former enrollees most commonly reported that their HMP coverage ended as a result of **an income increase** or **getting other insurance coverage**.



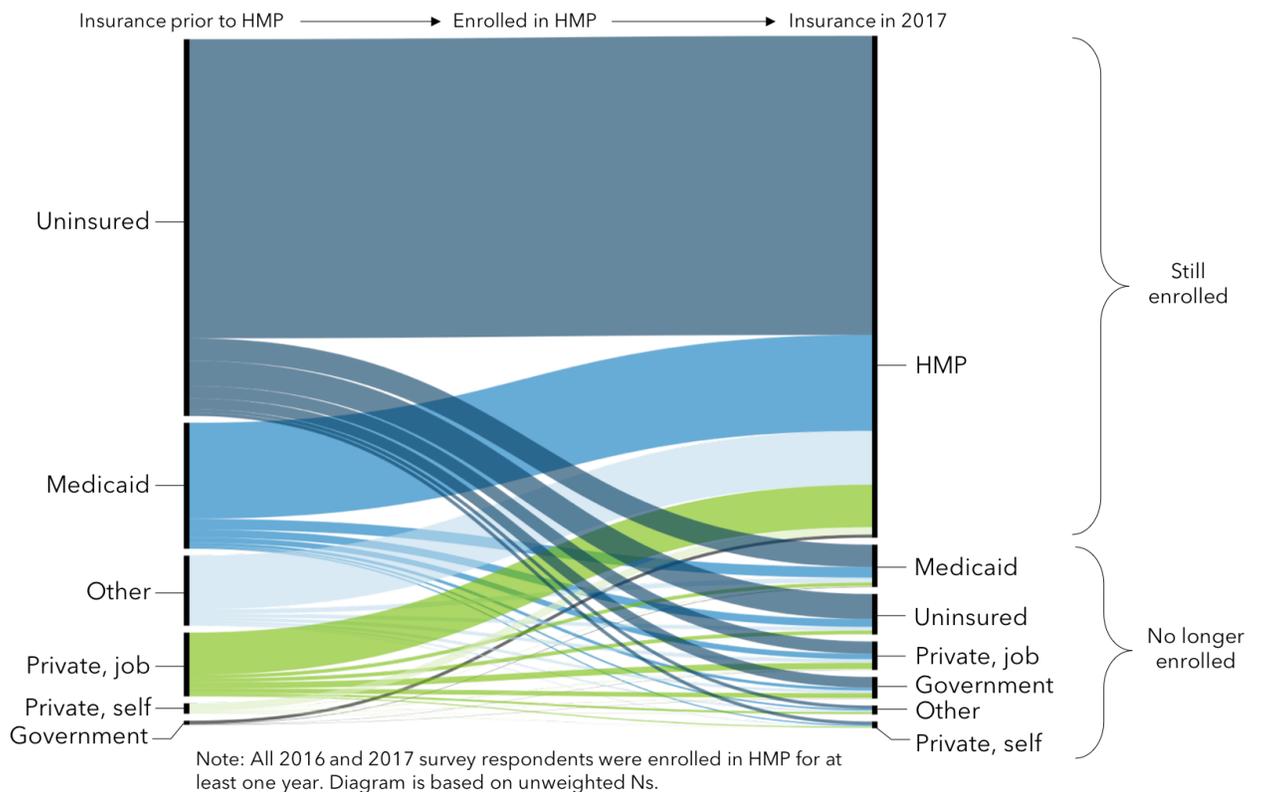
Most former enrollees (68.2%) said it was not their choice to end their HMP enrollment (Appendix A Table 6.2). Among those who said it was not their choice to end their HMP enrollment, 16.1% said they did not know why their HMP coverage ended (Appendix A Table 6.2.2). The most commonly reported reasons for why their HMP coverage ended* included experiencing an increase in income (25.0%) and getting other coverage (22.2%) (Appendix A Table 6.2.2). Among those who reported choosing to end their HMP enrollment, 77.1% said they decided to end it because they got other insurance coverage, 6.2% said they decided to end it because they were not satisfied with HMP, and 28.3% said they decided to end it for some other reason (Appendix A Table 6.2.1).

*Respondents were able to provide multiple responses to the survey question.

Insurance status since HMP coverage ended

Among current and former enrollees who reported on the 2016 survey that they were uninsured prior to HMP enrollment (57.3%), a majority (79.1%) were still enrolled in HMP at the time of the 2017 survey, 6.9% reported being uninsured, 5.9% reported Medicaid insurance, 3.6% reported private, employment-based insurance, 2.5% reported government (Medicare, VA or CHAMPUS) insurance, 1.1% reported some other, unknown, or unspecified type of insurance, and 0.8% reported private insurance purchased by themselves or someone else (includes Marketplace coverage) (Appendix B Table 6.5.4).

Change in insurance status for HMP enrollees who participated in the 2016 and 2017 HMV surveys.



At the time of the 2017 survey, 29.9% of former enrollees reported being uninsured, 26.6% reported Medicaid insurance, 21.5% reported private, employment-based insurance, 11.4% reported Medicare, VA or CHAMPUS insurance, and 4.0% reported private insurance purchased by themselves or someone else (Appendix B Table 6.5.1).

Over half of former enrollees (54.0%) reported being insured every month since their HMP coverage ended, 16.1% reported being insured for some of the months since their HMP coverage ended, and 27.7% reported being uninsured every month since their HMP coverage ended (Appendix A Table 6.1).

Among former enrollees, there was no statistically significant relationship between experiencing a gain in employment and being insured (Appendix B Table 6.3.1).

In multivariate analysis, former enrollees were more likely to have:

- private, job- or union-provided insurance if they were employed than if they were not employed (aOR=13.07)
- private insurance purchased by themselves or another if they were employed than if they were not employed (aOR=5.48)
- Medicaid (non-HMP) if they were women (aOR=2.89)
- Medicare, VA or CHAMPUS if they were age 51-64 compared to age 19-34 (aOR=9.94) or had an income of 100-133% FPL compared to an income of 0-35% FPL (aOR=3.31) (Appendix B Tables 6.5.2-6.5.3)

Among those covered by insurance purchased by themselves or someone else, 69.8% said the insurance was purchased through the marketplace known as Healthcare.gov (Appendix A Table 6.3.6.3). Half of those who said the insurance was purchased through the marketplace (52.3%) said they or their family member received a subsidy (Appendix A Table 6.3.6.4).

Among former enrollees currently covered by a private health insurance plan that is in their own name:

- 18.8% reported that at least one other family member is covered under their current health insurance plan (Appendix A Table 6.3.11).
- 77.3% reported that the health plan has a deductible; 50.6% of those with a deductible for an individual plan said the annual deductible is less than \$1,300 and 51.0% of those with a deductible for a plan covering two or more people said the annual deductible is less than \$2,600 (Appendix A Tables 6.3.12-6.3.12.2).

Cost of insurance since HMP coverage ended

Among former enrollees who reported being insured at the time of the survey, 43.7% reported that their current health insurance premiums are \$0 (Appendix A Table 6.3.9).

Nearly half of former enrollees (47.0%) reported that the amount they currently pay for their health insurance in a typical month is a little or a lot more than what they were paying with their HMP coverage, 39.4% said it is about the same, and 7.7% said it is less (Appendix A Table 6.8). Those with an income of 100-133% FPL were more likely to report that the amount they currently pay is a lot more than what they were paying with HMP (Appendix A Table 6.8).

Among former enrollees who reported being insured at the time of the survey, a majority strongly agreed or agreed that the amount they pay now for their health insurance seems fair (69.9%) and is affordable (72.4%) (Appendix A Tables 6.5, 6.7).

Problems paying medical bills since HMP coverage ended

More than one in five former enrollees (22.0%) reported having problems paying medical bills since their HMP coverage ended (Appendix A Table 6.9). Among those who reported having problems paying medical bills, 80.7% said their problems paying medical bills have gotten worse since their HMP coverage ended; those from the Detroit Metro region were more likely

than other regions to report that their problems paying medical bills have gotten worse (Appendix A Table 6.9.1).

Perspectives on HMP cost-sharing and coverage since HMP coverage ended

Nearly all former enrollees strongly agreed or agreed that the amount they paid for HMP seemed fair (91.9%) and was affordable (94.4%) (Appendix A Tables 6.4, 6.6). Most former enrollees (81.5) strongly agreed or agreed that people without health insurance need to worry a lot about being wiped out financially (Appendix A Table 6.10). Nearly half of former enrollees (49.0%) strongly agreed or agreed that they worry more about something bad happening to their health since their HMP coverage ended (Appendix A Table 6.11).

Aim 7: To describe the experiences and perceptions of HMP enrollees who may have been eligible for HMP for some time before enrolling.

Not applicable to the 2017 HMV Follow-Up Survey.

Limitations

The 2017 HMV Follow-Up Survey was administered with those who consented to be recontacted in the 2016 HMV Enrollee Survey. Out of 4,106 respondents in 2016, 3,957 (96.4%) consented. While our analysis of non-response bias indicated little difference between those who consented to be recontacted compared to those who did not, there may be some bias due to sampling only those who consented to follow-up.

While the survey was available in three languages, it was not available in all languages spoken by HMP enrollees; however, only 2 sampled enrollees were deemed ineligible because the survey was not available in their language.

As with any survey, HMV survey responses may reflect social desirability or recall bias. While many measures were based on those used in large national surveys, some questions were newly developed specifically to assess reasons for and experiences related to disenrollment. A few longitudinal analyses included in this report included survey items that were worded slightly differently on the 2017 HMV Follow-Up Survey compared to the 2016 HMV Enrollee Survey. These differences are noted in the table footnotes of Appendix B.

Survey responses were supplemented with claims data from Medicaid records. These data are limited to services enrollees received while actively enrolled in HMP and other Medicaid programs. We did not distinguish between services received during enrollment in HMP and during enrollment in other Medicaid programs. Data for former HMP enrollees is therefore limited to their time enrolled in Medicaid programs, and thus we do not have information on claims for those with private or no insurance coverage after they left HMP.

Bivariate analyses should be interpreted with caution as they may identify relationships between variables that are due to confounding, and small sample sizes may limit the ability to detect statistical associations.

Lessons Learned

Several lessons were learned in the process of conducting outreach to current and former enrollees for participation in this survey:

In the 2016 HMV Enrollee Survey, many early respondents offered descriptions and anecdotes not captured by fixed-choice or brief response items used with the computer-assisted telephone interviewing system. For subsequent survey waves, including the 2017 HMV Follow-Up Survey, respondents were asked if their interview could be recorded and nearly all agreed. These recordings allow cross-checking responses and provide the opportunity to learn additional details about current and former enrollees' experiences in a more open-ended fashion.

We queried the MDHHS Data Warehouse prior to sending the introductory packet to identify individuals who were deceased or incarcerated. This process helped us avoid making calls to about 30 households in which a potential respondent had died or had been incarcerated.

We reviewed call notes to identify respondents who had challenges during their initial 2016 HMV Enrollee Survey. We assigned those respondents to shift supervisors who were proactive in trying to avoid repeated issues; for example, if respondents had problems with their gift card in 2016, we reiterated the instructions that would be included with their 2017 gift card.

We used the email and text message information supplied by respondents during their initial 2016 HMV Enrollee Survey to send reminders for the 2017 HMV Follow-Up Survey; a sizable number of individuals responded to these messages by contacting the HMV office immediately or by responding with a message indicating their preferred time for a call. These responses facilitated the scheduling of follow-up surveys.

Conclusions

Health improvement

Our findings from the 2017 HMV Follow-Up Survey show that Medicaid expansion in Michigan is associated with improvements in self-reported health and fewer days of poor physical health among both current and former enrollees and in many subgroups of current and former enrollees including those with a chronic condition and those with a mental health condition and/or substance use disorder.

These longitudinal results are noteworthy, since other evidence on the health impact of Medicaid expansion has been mixed and has been largely based on comparisons of expansion and non-expansion states using serial cross-sectional data for the U.S. population. One of the

only other recent studies to examine longitudinal changes in health among enrollees was the Oregon Health Insurance Experiment, which found a decrease in symptomatic depression and mixed results related to changes in physical health.^{1, 2}

Employment gains

Data from the 2017 HMP Follow-Up Survey show that the proportion of current and former enrollees who reported being employed/self-employed increased from 48.7% in the 2016 survey to 57.1% in the 2017 survey. Analysis of the 2016 HMP Enrollee Survey data showed that enrollees reported that HMP helped them in their work, look for work, and find a better job, and analysis of the 2017 survey now shows gains in employment.

Few other studies have examined the impact of Medicaid expansion on employment. While Ohio found their Medicaid expansion program was associated with improvements in ease of working or looking for work,³ and another study found that people with disabilities were more likely to be employed after Medicaid expansion,⁴ most studies have not seen changes in employment associated with Medicaid expansion.⁵

Experiences of those no longer enrolled

About one in four 2017 HMP Follow-Up Survey respondents were no longer enrolled in HMP, and one third of these former enrollees reported being uninsured. Former enrollees, including those with and without insurance at the time of the survey, were more likely than current enrollees to report having recently forgone health care and dental care, usually due to cost or lack of coverage. Many former enrollees reported greater out of pocket costs and more difficulty with medical bills after their HMP coverage ended.

While former enrollees were less likely than those who remained enrolled to report having a regular source of care, and less likely to report that their regular source of care is a doctor's office or clinic, few named the ER as that source of care. More than three quarters of those who did report that their regular source of care is a doctor's office or clinic said they were still going to their HMP PCP. This suggests that even shorter-term HMP enrollment may promote a shift away from reliance on emergency rooms to primary care and may facilitate primary care continuity. However, one in three former enrollees agreed that sometimes they go to the ER

¹ Baicker, K., Taubman, S. L., Allen, H.L., Bernstein, M., Gruber, J. H., Newhouse, J. P., Schneider, E. C., Wright, B. J., Zaslavsky, A. M., & Finkelstein, A. N. (2013). The Oregon experiment: Effects of Medicaid on clinical outcomes. *New England Journal of Medicine*, 368(18), 1713-1722.

² Finkelstein, A., Taubman, S., Wright, B., Bernstein, M., Gruber, J., Newhouse, J. P., Allen, H., & Baicker, K. (2012). The Oregon health insurance experiment: Evidence from the first year. *Quarterly Journal of Economics*, 127(3), 1057-1106.

³ The Ohio Department of Medicaid. (2018, August 20). *2018 Ohio Medicaid Group VII Assessment: A Follow-Up to the 2016 Ohio Medicaid Group VII Assessment*. Retrieved from <https://www.medicaid.ohio.gov/Portals/0/Resources/Reports/Annual/Group-VIII-Final-Report.pdf>

⁴ Hall, J. P., Shartzler, A., Kurth, N. K., & Thomas, K. C. (2017). Effect of Medicaid expansion on workforce participation for people with disabilities. *American Journal of Public Health*, 107(2), 262-264.

⁵ Antonisse, L., Garfield, R., Rudowitz, R., & Artiga, S. (2018, March 28). *The effects of Medicaid expansion under the ACA: Updated findings from a literature review*. Retrieved from <https://www.kff.org/medicaid/issue-brief/the-effects-of-medicaid-expansion-under-the-aca-updated-findings-from-a-literature-review-march-2018/>

because they don't have another place to get care; another substantial minority said that sometimes they go to the ER because they know they cannot be turned away.

There was no difference between those no longer enrolled and those still enrolled in HMP in their views in the 2016 survey of the affordability of HMP, the fairness of HMP costs, or the importance of health insurance.

Current enrollees' understanding of insurance and covered benefits

Current enrollees generally had a good overall understanding of HMP's covered benefits. In 2017 compared to 2016, current enrollees were more likely to know that dental care and eyeglasses are covered by HMP. Yet many current enrollees continued to be unaware in the 2017 survey that HMP provides coverage for smoking cessation and substance use disorder treatment. Understanding of the healthy behavior rewards associated with HRA completion also continued to remain low among current enrollees in 2017.

Current enrollees' access to care, primary care and prevention

Improved access to and use of preventive services can improve health in the short- and long-term. Current enrollees continued to report improvements in access to care in the 2017 survey. Nearly all current enrollees reported a regular source of care, the vast majority naming a doctor's office or clinic rather than an urgent care/walk-in clinic or an ER. Few current enrollees reported not getting the health care they needed in the last 12 months. Current enrollees also continued to report reductions in financial barriers to care. Current enrollees were even more likely in 2017 than in 2016 to strongly agree or agree that without HMP they wouldn't be able to go to the doctor.

Nearly all current enrollees had a claim for a primary care visit. Among those who reported not seeing their PCP in the past 12 months, more than half said that was because they were healthy and did not need to see a provider.

Current enrollees reported positive changes in health behaviors. For instance, among current enrollees who reported smoking or using tobacco in 2016, 14.4% did not report smoking or using tobacco in 2017. This is nearly twice the recent quit rate (7.4%) from 2015 national data.⁶ Improved health behaviors can improve health immediately and, of course, in the longer term.

Previous studies have found that Medicaid expansion leads to increases in the number of preventive services received.^{7,8} In this analysis, nearly all current enrollees had a claim for at least one preventive service. PCP visits, remembering discussions about the HRA, HRA completion with PCP attestation, and better knowledge of HMP coverage were all associated

⁶ Babb, S., Malarcher, A., Schauer, G., Asman, K., & Jamal, A. (2017, January 6). Quitting smoking among adults: United States, 2000–2015. *Morbidity and Mortality Weekly Report*, 65(52),1457–1464.

⁷ Sabik, L. M., Tarazi, W. W., & Bradley, C. J. (2015). State Medicaid expansion decisions and disparities in women's cancer screening. *American Journal of Preventive Medicine*, 48(1), 98–103.

⁸ Simon, K., Soni, A., & Cawley, J. (2017). The impact of health insurance on preventive care and health behaviors: Evidence from the first two years of the ACA Medicaid expansions. *Journal of Policy Analysis and Management*, 36(2), 390–417.

with more preventive services utilization. Other studies have shown mixed results in regards to the impact of Medicaid expansion on cancer screening.⁹ Screening for colorectal cancer in this HMP survey cohort was comparable to or better than that found for low-income populations nationally, and the breast cancer screening rate was much higher.¹⁰

Recommendations

It is important to continue to assess the long-term impact of Medicaid expansion on health and functional outcomes, including employment. While short-term gains have been seen, the emphasis on prevention and health risk modification in HMP could have even greater impact over the long-term. While some of this information on health and functional outcomes can be ascertained from claims, surveys such as the *Healthy Michigan Voices* Survey provide a unique opportunity to understand changes in health behaviors and health status that are not readily evident in claims data.

Because primary care visits appear to have a large impact on health promotion and preventive services, and may decrease the use of emergency rooms, maintaining and improving access to primary care could be more important than emphasizing the completion of the HRA. We recommend that MDHHS work with Medicaid health plans and the provider community to maintain or improve timely access to appointments.

MDHHS or the evaluation team should continue to monitor the employment status of current HMP enrollees, including health-related barriers to gaining employment; and the health status of enrollees who lose HMP coverage if they are unable to satisfy community engagement requirements.

MDHHS should continue to educate HMP enrollees about covered benefits, particularly coverage for smoking cessation and treatment for substance use disorders, and about financial incentives for healthy behaviors.

⁹ Mahal, B. A., Chavez, J., Mahal, A. N., Yang, D. D., Kim, D. W., Sanford, N. N., Sethi, R., Hu, J. C., Trinh, Q. D., & Nguyen, P. L. (2018). Early impact of the Affordable Care Act and Medicaid expansion on racial and socioeconomic disparities in cancer care. *International Journal of Radiation Oncology*, 102(3), e418-e419.

¹⁰ Sabatino, S. A., White, M. C., Thompson, T. D., & Klabunde, C. N. (2015, May 8). Cancer screening test use: United States, 2013. *Morbidity and Mortality Weekly Report*, 64(17), 464-8.

**2017 Healthy Michigan Voices Follow-Up Survey
Appendix A: Descriptive Tables**

Contents

How to read the tables	A7
0 Demographics	A8
0.1 Main demographics table	A8
0.2 Demographics table by follow-up group	A10
0.3 Q: Are you currently in school?	A13
0.3.1 Q: Are you a full-time or part-time student?	A14
0.4 Q: Are you currently employed or self-employed?	A15
0.4.1 Q: Are you working full time or part time?	A16
0.4.2 Q: Have you changed jobs in the last 12 months?	A17
0.4.3 Q: Are you out of work, unable to work, retired, or not looking for work at this time?	A18
0.4.3.1 Q: How long have you been out of work?	A19
0.4.3.2 Q: How long have you been unable to work?	A20
0.4.3.3 Q: Why are you unable to work?	A21
0.4.3.4 Q: How long have you been retired?	A22
0.5 Q: The Healthy Michigan Plan gave me insurance when I couldn't get insurance at my job.	A23
0.6 Q: Having the Healthy Michigan Plan helped me stay insured between jobs or between school and a job.	A24
0.7 Q: The Healthy Michigan Plan helped me do a better job at work.	A25
0.8 Q: The Healthy Michigan Plan helped me get a better job.	A26
0.9 Q: The Healthy Michigan Plan has made me better able to look for a job.	A27
0.10 Q: What is the highest grade of school you have completed, or the highest degree you have received?	A28
0.11 Q: In the past 3 years, how many places have you lived for one week or longer (including where you live now)?	A29
0.12 Q: Have you been homeless at any time in the last 12 months?	A30
1 Aim 1: To describe changes over time in health and functional status for HMP enrollees, particularly those with chronic conditions or other indicators of poorer health.	A31
1.1 Q: In general, would you say your health is...	A32
1.2 Q: For how many days during the past 30 days was your physical health not good?	A33
1.3 Q: In the past year, would you say your physical health has gotten better, stayed the same, or gotten worse?	A34
1.4 Q: For how many days during the past 30 days was your mental health not good?	A35
1.5 Q: In the past year, would you say your mental and emotional health has gotten better, stayed the same, or gotten worse?	A36
1.6 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?	A37
1.6.1 Q: In the past 12 months, about how many days did you miss work because of illness or injury?	A38
1.7 Q: In the past year, has the health of your teeth and gums gotten better, stayed the same, or gotten worse?	A39
1.8 Q: How tall are you in inches?	A40
1.9 Q: How much do you weigh in pounds?	A41
1.10 Q: Has a doctor or other health professional ever told you that you had any of the following...	A42
1.10.1 Self-reported chronic conditions	A42
1.10.2 Any self-reported chronic condition	A43
1.10.3 Q: Has a doctor or other health professional ever told you that you had a mood disorder (for example, depression, anxiety, bipolar disorder)?	A44
1.10.4 Q: Has a doctor or other health professional ever told you that you had hypertension, also called high blood pressure?	A45
1.10.5 Q: Has a doctor or other health professional ever told you that you had arthritis or a related condition (for example, rheumatoid arthritis, gout, lupus, or fibromyalgia)?	A46
1.10.6 Q: Has a doctor or other health professional ever told you that you had asthma?	A47
1.10.7 Q: Has a doctor or other health professional ever told you that you had chronic bronchitis, COPD or emphysema?	A48
1.10.8 Q: Has a doctor or other health professional ever told you that you had diabetes or sugar diabetes (other than during pregnancy)?	A49
1.10.9 Q: Has a doctor or other health professional ever told you that you had a heart condition or heart disease?	A50
1.10.10 Q: Has a doctor or other health professional ever told you that you had a substance use disorder?	A51
1.10.11 Q: Has a doctor or other health professional ever told you that you had cancer, other than skin cancer?	A52
1.10.12 Q: Has a doctor or other health professional ever told you that you had a stroke?	A53

1.10.13 Q: Has a doctor or other health professional ever told you that you had any other ongoing health condition?	A54
1.10.13.1 Q: What is the condition?	A55

2 Aim 2: To describe perceptions and understanding of Medicaid coverage, HMP policies, and cost-sharing and how these change over time with enrollment. A56

2.1 Q: Do you think eyeglasses are covered, not covered, or don't know?	A57
2.2 Q: Do you think prescription medications are covered, not covered, or don't know?	A58
2.3 Q: Do you think routine dental care is covered, not covered, or don't know?	A59
2.4 Q: Do you think treatment to stop smoking is covered, not covered, or don't know?	A60
2.5 Q: Do you think birth control or family planning is covered, not covered, or don't know?	A61
2.6 Q: Do you think counseling for mental or emotional problems is covered, not covered, or don't know?	A62
2.7 Q: Do you think substance use treatment is covered, not covered, or don't know?	A63
2.8 Q: I could be dropped from the Healthy Michigan Plan for not paying my bill.	A64
2.9 Q: I may get a reduction in the amount I might have to pay if I complete a health risk assessment.	A65
2.10 Q: Some kinds of visits, tests and medicines have no copays.	A66
2.11 Q: In the past year, have you received a statement from the state that showed the services you received through the Healthy Michigan Plan and how much you owe, if anything?	A67
2.11.1 Q: I carefully review each MI Health Account Statement to see how much I owe.	A68
2.11.2 Q: The MI Health Account Statements help me be more aware of the cost of health care.	A69
2.11.3 Q: Information I saw in a MI Health Account Statement led me to change some of my decisions about health care.	A70
2.12 Q: The amount I have to pay overall for the Healthy Michigan Plan seems fair.	A71
2.13 Q: The amount I pay for the Healthy Michigan Plan is affordable.	A72
2.14 Q: There is a limit on the total amount I have to pay each year for Healthy Michigan Plan insurance.	A73
2.15 Q: Having the Healthy Michigan Plan has taken a lot of stress off me.	A74
2.16 Q: Without the Healthy Michigan Plan, I wouldn't be able to go to the doctor.	A75
2.17 Q: Without the Healthy Michigan Plan, I wouldn't be able to go to the dentist.	A76
2.18 Q: In the last 12 months, have you had any questions or problems using your Healthy Michigan Plan insurance? A77	
2.18.1 Q: What kind of questions or difficulties did you have?	A78
2.19 Q: It is very important to me personally to have health insurance.	A79
2.20 Q: Getting discounts on copays and premiums as a reward for working on improving your health is a good idea.	A80
2.21 Q: Everyone should have to pay something for their health care.	A81
2.22 Q: Doctors treat people on Medicaid the same as people with private insurance.	A82
2.23 Q: Medicaid helps people get a "leg-up" when they really need it.	A83
2.24 Q: Many people on Medicaid do not want other people to know.	A84
2.25 Q: A lot of people in this country don't respect those on Medicaid.	A85
2.26 Q: There should be a limit on how long someone can be covered by Medicaid.	A86
2.27 Q: Many people are treated poorly when they are applying for Medicaid.	A87

3 Aim 3: To understand financial and non-financial barriers and facilitators to care and how those change over time of enrollment and disenrollment. A88

3.1 Q: In the last 12 months, was there any time when you didn't get the health care you needed?	A89
3.1.1 Q: What type of care?	A90
3.1.1.1 Q: Why didn't you get the care you needed?	A90
3.2 Q: In the last 12 months, was there any time when you didn't get the dental care you needed?	A91
3.2.1 Q: Why didn't you get the dental care you needed?	A92
3.3 Q: In the last 12 months, about how much did you spend out-of-pocket for your own medical and dental care? A93	
3.4 Q: Since your Healthy Michigan Plan insurance ended, have you had to change any of your providers?	A94
3.4.1 Q: Which providers did you have to change?	A95
3.5 Q: Since your Healthy Michigan Plan insurance ended, was there any time when you didn't get the health care you needed?	A96
3.5.1 Q: What type of health care was it?	A97
3.5.1.1 Q: Why didn't you get the care you needed?	A97
3.6 Q: Since your Healthy Michigan Plan insurance ended, was there any time when you didn't get the dental care you needed?	A98
3.6.1 Q: Why didn't you get the dental care you needed?	A99

4	Aim 4: To describe HMP enrollees' health behaviors, how they change over time with enrollment and disenrollment in HMP, and barriers and facilitators to improvement in health behaviors.	A100
4.1	Q: In the last 7 days, how many days did you exercise for at least 20 minutes?	A101
4.2	Q: In the last 7 days, how many days did you drink soda or pop that contains sugar, sweetened fruit drinks, sports drinks, or energy drinks?	A102
4.3	Q: In the last 7 days, how many days did you eat 3 or more servings of fruits or vegetables in a day?	A103
4.4	Q: In the last 12 months, has a doctor, nurse, or other health professional talked with you about exercise?	A104
4.5	Q: In the last 12 months has a doctor, nurse or other health professional talked with you about diet and nutrition?	A105
4.6	Q: In the last 7 days, how many days did you have [5 or more for men, 4 or more for women] alcoholic drinks?	A106
4.6.1	Q: In the last 12 months, has a doctor, nurse, or other health professional talked with you about safe alcohol use?	A107
4.7	Q: In the last 30 days have you smoked or used tobacco?	A108
4.7.1	Q: Do you want to quit smoking or using tobacco?	A109
4.7.1.1	Q: Are you working on cutting back or quitting right now?	A110
4.7.2	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 or cut back?	A111
4.8	Q: In the last 30 days, have you used drugs or medications to affect your mood or help you relax?	A112
4.8.1	Q: How often?	A113
4.8.1.1	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?	A114
4.9	Q: In the last year, did you discuss the Health Risk Assessment with your doctor or someone at your primary care provider's office?	A115
4.9.1	Q: What healthy behavior did you choose to work on?	A116
4.9.1.1	Q: Why did you choose to work on this healthy behavior?	A116
5	Aim 5: To understand HMP enrollees' decisions about when, where and how to seek care, including decisions about emergency department utilization.	A117
5.1	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?	A118
5.1.1	Q: What kind of a place was it?	A119
5.1.2	Regular source of care in last 12 months, detailed	A120
5.1.2.1	Q: Is this your primary care provider for your Healthy Michigan Plan coverage?	A121
5.1.3	Has a primary care provider for Healthy Michigan Plan	A122
5.2	Q: Is this the same primary care provider you had when we talked with you last year?	A123
5.2.1	Q: Why did you change?	A124
5.3	Q: Have you seen your primary care provider in the past 12 months?	A125
5.3.1	Q: Why haven't you seen your primary care provider in the past 12 months?	A126
5.4	Q: Since your Healthy Michigan Plan insurance ended, is there a place you usually go when you need a checkup, feel sick, or want advice about your health?	A127
5.4.1	Q: What kind of a place is it?	A128
5.4.2	Regular source of care since HMP coverage ended, detailed	A129
5.4.2.1	Q: Is this the same place as your Healthy Michigan Plan primary care provider?	A130
5.5	Q: In the last 12 months, did you get dental care?	A131
5.6	Q: In the past 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?	A132
5.6.1	Q: What made it difficult?	A133
5.7	Q: Since your Healthy Michigan Plan insurance ended, did you go to a hospital emergency room about your own health (whether or not you were admitted overnight)?	A134
5.8	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)?	A135
5.8.1	Q: Thinking about the most recent time you were at the emergency room, did you try to contact your usual provider's office before going to the emergency room?	A136
5.8.1.1	Q: Did you talk to someone?	A137
5.8.2	Q: Why did you end up going to the ER?	A138
5.8.3	Q: Which of these were true about that last ER visit?	A139
5.8.3.1	Q: You arrived by ambulance or other emergency vehicle	A139
5.8.3.2	Q: The problem was too serious for a doctor's office or clinic.	A140
5.8.3.3	Q: Your doctor's office or clinic was not open.	A141
5.8.3.4	Q: You needed to get care at a time that would not make you miss work or school.	A142

5.8.3.5	Q: You went to the ER because it's your closest place to receive care.	A143
5.8.3.6	Q: You went to the ER because you get most of your care at the emergency room.	A144
5.8.3.7	Q: Any other reason you decided to go to the ER?	A145
5.9	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?	A146
5.9.1	Q: Thinking of the last time, what did you do to get the health care help or advice you needed?	A147
5.10	Q: If I have a medical problem, my preference is to go straight to a doctor and ask his or her opinion.	A148
5.11	Q: I'm often embarrassed to go see a doctor.	A149
5.12	Q: Getting regular check-ups is not very important when you are healthy.	A150
5.13	Q: Going to public or free clinics is just fine with me.	A151
5.14	Q: Sometimes I go to the ER because I know they can't turn me away.	A152
5.15	Q: Sometimes I go to the ER because I don't have another place to get care.	A153
5.16	Q: In the past 12 months, did you check how much you would pay for a doctor's visit, medication, or other health care service before you received care?	A154
5.16.1	Q: What type of health care was this for?	A155
5.17	Q: In the past 12 months, did you compare quality ratings for any health care services at different places? . . .	A156
5.17.1	Q: What type of health care was this for?	A157
5.18	Q: In the past 12 months, did you ask a health care provider to recommend a less costly prescription drug? . .	A158
6	Aim 6: To understand why enrollees lose or drop HMP coverage and what, if any, source of health insurance coverage they subsequently obtain.	A159
6.1	Insurance status since HMP ended	A160
6.2	Q: Was it your choice to end your Healthy Michigan Plan enrollment?	A161
6.2.1	Q: Why did you decide to end your Healthy Michigan Plan enrollment? Was it...	A162
6.2.1.1	Q: What were you dissatisfied with?	A162
6.2.2	Q: Why did your Healthy Michigan Plan insurance end?	A163
6.3	Q: Are you currently covered by any kind of health insurance or health care plan?	A164
6.3.1	Q: Did you have health insurance at any time since your Healthy Michigan Plan insurance ended? . .	A165
6.3.1.1	Q: What type of health insurance did you have?	A166
6.3.2	Q: Why did that insurance coverage end?	A166
6.3.3	Q: Since your Healthy Michigan Plan insurance ended, for how many months were you uninsured? . .	A166
6.3.4	Q: What are the main reasons you currently do not have health insurance?	A167
6.3.5	Q: Do you think you will get health insurance within the next 6 months?	A167
6.3.5.1	Q: What type of health insurance?	A167
6.3.6	Q: What type of health insurance do you have?	A168
6.3.6.1	Q: Whose job is it?	A168
6.3.6.2	Q: Who purchased it?	A169
6.3.6.3	Q: Was this insurance purchased through the marketplace known as healthcare.gov?	A169
6.3.6.4	Q: Did [you/they] receive a subsidy?	A169
6.3.7	Q: Was there any time since your Healthy Michigan Plan insurance ended that you didn't have any health insurance?	A170
6.3.7.1	Q: How long were you uninsured?	A171
6.3.7.2	Q: What were the main reasons you were without health insurance for that time?	A171
6.3.8	Q: Is your current health insurance plan in your name or someone else's?	A172
6.3.8.1	Q: What is your relationship to that person?	A173
6.3.9	Q: How much are the health insurance premiums?	A174
6.3.9.1	Q: How often are the health insurance premiums paid?	A175
6.3.10	Q: Would you say the amount per month is...?	A175
6.3.11	Q: Who is covered under your current health insurance plan?	A176
6.3.12	Q: Does this health plan have a deductible?	A177
6.3.12.1	Q: What is the annual deductible for medical care for this plan? (individual plan)	A178
6.3.12.2	Q: What is the annual deductible for medical care for this plan? (2+ persons covered)	A178
6.4	Q: The amount I paid for the Healthy Michigan Plan seemed fair.	A179
6.5	Q: The amount I pay now for my health insurance seems fair.	A180
6.6	Q: The amount I paid for the Healthy Michigan Plan was affordable.	A181
6.7	Q: The amount I pay now for my health insurance is affordable.	A182
6.8	Q: Overall, how does the amount you currently pay for your health care in a typical month compare to what you were paying with your Healthy Michigan Plan insurance?	A183
6.9	Q: Since your Healthy Michigan Plan insurance ended, have you had problems paying medical bills?	A184

6.9.1 Q: Since your Healthy Michigan Plan insurance ended, have your problems paying medical bills gotten worse, stayed the same, or gotten better? A185

6.10 Q: People without health insurance need to worry a lot about being wiped out financially. A186

6.11 Q: I worry more about something bad happening to my health since my Healthy Michigan Plan insurance ended. A187

7 Aim 7: To describe the experiences and perceptions of HMP enrollees who may have been eligible for HMP for some time before enrolling. A188

How to read the tables

Question asked for the corresponding table will be shown here

Follow-up group: 'Follow-up group' is those who are still enrolled and/or those no longer enrolled in HMP at the time of the survey

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

	Variable of Interest				Total Row%
	Response Option 1 Row%	95%CI	Response Option 2 Row%	95%CI	
Follow-up group					
Still enrolled (n=2,387)	11.4	[9.7, 13.4]	88.6	[86.6, 90.3]	100.0
No longer enrolled (n=709)	10.5	[7.6, 14.2]	89.5	[85.8, 92.4]	100.0
Pearson: Uncorrected chi2(1) =	0.4582				
Design-based F(1.00, 3084.00) =	0.2150	Pr =	0.643		
Age					
19-34 (n=908)	23.9	[20.5, 27.7]	76.1	[72.3, 79.5]	100.0
35-50 (n=969)	5.6	[3.8, 8.0]	94.4	[92.0, 96.2]	100.0
51-64 (n=1,219)	1.1	[0.6, 2.2]	98.9	[97.8, 99.4]	100.0
Pearson: Uncorrected chi2(2) =	312.3618				
Design-based F(1.84, 5660.07) =	92.8398	Pr =	0.000		
Gender					
Male (n=1,230)	11.2	[8.9, 14.0]	88.8	[86.0, 91.1]	100.0
Female (n=1,866)	11.2	[9.3, 13.4]	88.8	[86.6, 90.7]	100.0
Pearson: Uncorrected chi2(1) =	0.0002				
Design-based F(1.00, 3084.00) =	0.0001	Pr =	0.992		
Race					
White (n=2,106)	9.4	[7.7, 11.4]	90.6	[88.6, 92.3]	100.0
Black or African American (n=639)	11.2	[8.4, 14.7]	88.8	[85.3, 91.6]	100.0
Other (n=203)	24.4	[16.9, 34.0]	75.6	[66.0, 83.1]	100.0
More than one (n=108)	13.3	[6.4, 25.6]	86.7	[74.4, 93.6]	100.0
Pearson: Uncorrected chi2(3) =	47.7784				
Design-based F(2.99, 9091.31) =	6.9587	Pr =	0.000		
FPL category					
0-35% (n=1,218)	10.4	[8.1, 13.1]	89.6	[86.9, 91.9]	100.0
36-99% (n=1,084)	11.0	[8.7, 13.7]	89.0	[86.3, 91.3]	100.0
100%+ (n=794)	13.6	[10.6, 17.3]	86.4	[82.7, 89.4]	100.0
Pearson: Uncorrected chi2(2) =	4.8637				
Design-based F(1.93, 5950.44) =	1.3454	Pr =	0.260		
Region					
UP/NW/NE (n=574)	5.1	[3.4, 7.5]	94.9	[92.5, 96.6]	100.0
W/E Central/E (n=980)	8.8	[6.7, 11.6]	91.2	[88.4, 93.3]	100.0
S Central/SW/SE (n=633)	11.3	[8.6, 14.9]	88.7	[85.1, 91.4]	100.0
Detroit Metro (n=909)	14.1	[11.3, 17.4]	85.9	[82.6, 88.7]	100.0
Pearson: Uncorrected chi2(3) =	26.6380				
Design-based F(2.57, 7925.84) =	6.1057	Pr =	0.001		
Total (n=3,096)	11.2	[9.7, 12.9]	88.8	[87.1, 90.3]	100.0

¹ 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.

² 'Row%' is the weighted percentage of Respondents who 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.

³ The 'Total' row is at the bottom of the table. This row displays the weighted proportions for the population as a whole, i.e. not run against another variable.

⁴ Some questions have greater or fewer response options than the table presented here.

0 Demographics

0.1 Main demographics table

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

Demographic characteristics	Weighted Proportion	95%CI
Follow-up group		
Still enrolled (n=2,388)	76.8	[74.9, 78.6]
No longer enrolled (n=709)	23.2	[21.4, 25.1]
FPL category		
0-35% (n=1,218)	52.3	[51.2, 53.5]
36-99% (n=1,084)	27.7	[26.8, 28.7]
100%+ (n=795)	19.9	[19.2, 20.7]
Region		
UP/NW/NE (n=574)	9.1	[8.7, 9.5]
W/E Central/E (n=980)	29.6	[28.6, 30.6]
S Central/SW/SE (n=633)	18.4	[17.6, 19.3]
Detroit Metro (n=910)	42.9	[41.7, 44.1]
Age		
19-34 (n=909)	37.5	[35.3, 39.9]
35-50 (n=969)	34.0	[31.8, 36.2]
51-64 (n=1,219)	28.5	[26.7, 30.3]
Gender		
Male (n=1,230)	47.0	[44.7, 49.2]
Female (n=1,867)	53.0	[50.8, 55.3]
Race/ethnicity		
White, non-Hispanic (n=2,058)	59.6	[57.4, 61.7]
Black, non-Hispanic (n=634)	26.8	[24.8, 28.9]
Hispanic (n=138)	5.0	[4.1, 6.0]
Other, non-Hispanic (n=228)	8.7	[7.4, 10.1]
Race		
White (n=2,106)	61.3	[59.1, 63.4]
Black or African American (n=639)	27.0	[25.0, 29.1]
Other (n=204)	7.7	[6.5, 9.1]
More than one (n=108)	4.0	[3.2, 5.1]
Hispanic/Latino		
Yes (n=138)	4.9	[4.0, 6.0]
No (n=2,925)	94.6	[93.5, 95.6]
Don't know (n=7)	0.4	[0.2, 1.0]
Arab/Chaldean/Middle Eastern		
Yes (n=124)	4.9	[4.0, 6.1]
No (n=2,937)	94.7	[93.6, 95.7]
Don't know (n=8)	0.3	[0.2, 0.7]
Urbanicity		
Urban (n=2,179)	80.9	[79.7, 82.0]
Suburban (n=307)	8.9	[7.9, 10.0]
Rural (n=611)	10.2	[9.6, 10.8]
Highest level of education		
Less than high school (n=355)	11.2	[9.9, 12.6]
High school graduate (n=1,266)	40.5	[38.3, 42.8]
Some college (n=665)	22.8	[20.9, 24.9]
Associate's degree (n=408)	12.9	[11.5, 14.5]
Bachelor's degree (n=308)	9.9	[8.6, 11.3]
Post graduate degree (n=88)	2.7	[2.0, 3.5]
Employed/self-employed		
Yes (n=1,742)	57.1	[55.0, 59.3]
No (n=1,351)	42.9	[40.7, 45.0]

Continued on next page

Continued from previous page

Employment status—detailed		
Full-time employment (n=857)	27.9	[25.9, 29.9]
Part-time employment (n=870)	29.4	[27.3, 31.5]
Out of work (n=374)	14.4	[12.8, 16.1]
Unable to work (n=569)	17.6	[16.1, 19.3]
Retired (n=183)	3.6	[3.0, 4.3]
Not looking for work at this time (n=211)	7.1	[6.0, 8.4]
In school		
Yes (n=253)	11.2	[9.7, 12.9]
No (n=2,843)	88.8	[87.1, 90.3]
Veteran		
Yes (n=101)	3.7	[3.0, 4.7]
No (n=2,991)	96.1	[95.1, 96.9]
Don't know (n=2)	0.2	[0.0, 0.7]
Marital status		
Married (n=750)	19.4	[17.9, 20.9]
Partnered (n=120)	3.6	[2.9, 4.4]
Divorced (n=683)	19.2	[17.5, 20.9]
Widowed (n=113)	2.6	[2.1, 3.2]
Separated (n=101)	3.3	[2.6, 4.2]
Never Married (n=1,317)	52.0	[49.8, 54.2]
Number of places lived in past 3 years		
One (n=2,175)	67.3	[65.1, 69.4]
Two (n=611)	20.5	[18.7, 22.4]
Three (n=186)	7.4	[6.2, 8.8]
Four or more (n=120)	4.8	[3.8, 5.9]
Don't know (n=2)	0.1	[0.0, 0.2]
Homeless in the last 12 months		
Yes (n=195)	7.9	[6.7, 9.3]
No (n=2,894)	92.1	[90.7, 93.3]

0.2 Demographics table by follow-up group

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Still enrolled		Follow-up group No longer enrolled		Total	
	Col%	95%CI	Col%	95%CI	Col%	95%CI
FPL category						
0-35% (n=1,218)	55.8	[54.2, 57.4]	40.8	[36.5, 45.3]	52.3	[51.2, 53.5]
36-99% (n=1,084)	26.2	[24.9, 27.6]	32.7	[29.1, 36.5]	27.7	[26.8, 28.7]
100%+ (n=795)	17.9	[16.9, 19.1]	26.5	[23.3, 30.0]	19.9	[19.2, 20.7]
Total (n=3,097)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	52.2401					
Design-based F(1.92, 5934.79) =	17.9981	Pr =	0.000			
Region						
UP/NW/NE (n=574)	9.1	[8.5, 9.8]	9.0	[7.5, 10.8]	9.1	[8.7, 9.5]
W/E Central/E (n=980)	29.8	[28.5, 31.2]	28.8	[25.2, 32.6]	29.6	[28.6, 30.6]
S Central/SW/SE (n=633)	17.0	[16.0, 18.2]	23.0	[19.7, 26.7]	18.4	[17.6, 19.3]
Detroit Metro (n=910)	44.0	[42.3, 45.7]	39.2	[34.9, 43.7]	42.9	[41.7, 44.1]
Total (n=3,097)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(3) =	13.8762					
Design-based F(2.69, 8292.00) =	3.5711	Pr =	0.017			
Age						
19-34 (n=909)	36.1	[33.5, 38.7]	42.4	[37.8, 47.2]	37.5	[35.3, 39.9]
35-50 (n=969)	35.0	[32.6, 37.6]	30.5	[26.5, 34.8]	34.0	[31.8, 36.2]
51-64 (n=1,219)	28.9	[26.9, 31.0]	27.1	[23.5, 31.0]	28.5	[26.7, 30.3]
Total (n=3,097)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	9.9458					
Design-based F(1.95, 6015.00) =	3.2383	Pr =	0.041			
Gender						
Male (n=1,230)	46.1	[43.5, 48.7]	50.0	[45.4, 54.6]	47.0	[44.7, 49.2]
Female (n=1,867)	53.9	[51.3, 56.5]	50.0	[45.4, 54.6]	53.0	[50.8, 55.3]
Total (n=3,097)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	3.4164					
Design-based F(1.00, 3085.00) =	2.0865	Pr =	0.149			
Race/ethnicity						
White, non-Hispanic (n=2,058)	59.8	[57.2, 62.3]	59.0	[54.3, 63.6]	59.6	[57.4, 61.7]
Black, non-Hispanic (n=634)	26.7	[24.4, 29.1]	27.1	[23.0, 31.7]	26.8	[24.8, 28.9]
Hispanic (n=138)	4.8	[3.8, 6.0]	5.5	[3.8, 8.0]	5.0	[4.1, 6.0]
Other, non-Hispanic (n=228)	8.8	[7.3, 10.4]	8.3	[6.1, 11.3]	8.7	[7.4, 10.1]
Total (n=3,058)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(3) =	0.8400					
Design-based F(2.98, 9086.10) =	0.1662	Pr =	0.918			
Race						
White (n=2,106)	61.5	[59.0, 64.0]	60.5	[55.8, 65.0]	61.3	[59.1, 63.4]
Black or African American (n=639)	26.8	[24.5, 29.2]	27.5	[23.4, 32.1]	27.0	[25.0, 29.1]
Other (n=204)	7.6	[6.3, 9.2]	7.9	[5.7, 11.0]	7.7	[6.5, 9.1]
More than one (n=108)	4.0	[3.1, 5.3]	4.0	[2.6, 6.2]	4.0	[3.2, 5.1]
Total (n=3,057)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(3) =	0.2585					
Design-based F(2.98, 9078.43) =	0.0506	Pr =	0.985			
Hispanic/Latino						
Yes (n=138)	4.8	[3.8, 6.0]	5.5	[3.8, 8.0]	4.9	[4.0, 6.0]
No (n=2,925)	94.9	[93.5, 95.9]	93.8	[91.1, 95.8]	94.6	[93.5, 95.6]
Don't know (n=7)	0.4	[0.1, 1.0]	0.7	[0.1, 3.2]	0.4	[0.2, 1.0]
Total (n=3,070)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	1.5363					
Design-based F(1.85, 5647.57) =	0.3527	Pr =	0.686			

Continued on next page

Continued from previous page

Arab/Chaldean/Middle Eastern						
Yes (n=124)	5.4	[4.3, 6.9]	3.2	[2.0, 5.2]	4.9	[4.0, 6.1]
No (n=2,937)	94.2	[92.7, 95.3]	96.7	[94.7, 97.9]	94.7	[93.6, 95.7]
Don't know (n=8)	0.4	[0.2, 0.9]	0.1	[0.0, 1.0]	0.3	[0.2, 0.7]
Total (n=3,069)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	7.0298					
Design-based F(1.93, 5905.67) =	2.6956	Pr =	0.070			
Urbanicity						
Urban (n=2,179)	81.1	[79.7, 82.5]	80.1	[76.9, 82.9]	80.9	[79.7, 82.0]
Suburban (n=307)	8.7	[7.6, 9.9]	9.7	[7.5, 12.4]	8.9	[7.9, 10.0]
Rural (n=611)	10.2	[9.5, 11.0]	10.2	[8.5, 12.3]	10.2	[9.6, 10.8]
Total (n=3,097)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	0.7782					
Design-based F(1.91, 5894.41) =	0.3665	Pr =	0.683			
Highest level of education						
Less than high school (n=355)	10.8	[9.4, 12.3]	12.4	[9.5, 16.0]	11.2	[9.9, 12.6]
High school graduate (n=1,266)	41.3	[38.7, 43.9]	37.9	[33.6, 42.5]	40.5	[38.3, 42.8]
Some college (n=665)	23.4	[21.1, 25.8]	21.1	[17.6, 25.0]	22.8	[20.9, 24.9]
Associate's degree (n=408)	13.2	[11.6, 15.0]	12.0	[9.3, 15.2]	12.9	[11.5, 14.5]
Bachelor's degree (n=308)	9.5	[8.0, 11.1]	11.3	[8.9, 14.3]	9.9	[8.6, 11.3]
Post graduate degree (n=88)	1.9	[1.4, 2.5]	5.3	[3.2, 8.6]	2.7	[2.0, 3.5]
Total (n=3,090)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(5) =	30.4602					
Design-based F(4.95, 15232.77) =	3.7251	Pr =	0.002			
Employed/self-employed						
Yes (n=1,742)	55.4	[52.8, 57.9]	62.9	[58.5, 67.2]	57.1	[55.0, 59.3]
No (n=1,351)	44.6	[42.1, 47.2]	37.1	[32.8, 41.5]	42.9	[40.7, 45.0]
Total (n=3,093)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	12.7472					
Design-based F(1.00, 3081.00) =	8.1366	Pr =	0.004			
Employment status-detailed						
Full-time employment (n=857)	23.1	[21.0, 25.3]	43.8	[39.2, 48.5]	27.9	[25.9, 29.9]
Part-time employment (n=870)	32.4	[29.9, 34.9]	19.5	[16.2, 23.4]	29.4	[27.3, 31.5]
Out of work (n=374)	15.8	[13.9, 17.9]	9.6	[7.2, 12.7]	14.4	[12.8, 16.1]
Unable to work (n=569)	17.5	[15.7, 19.5]	18.0	[14.9, 21.7]	17.6	[16.1, 19.3]
Retired (n=183)	3.3	[2.7, 4.0]	4.7	[3.3, 6.8]	3.6	[3.0, 4.3]
Not looking for work at this time (n=211)	8.0	[6.6, 9.6]	4.3	[2.9, 6.2]	7.1	[6.0, 8.4]
Total (n=3,064)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(5) =	143.1804					
Design-based F(4.89, 14934.15) =	20.0251	Pr =	0.000			
In school						
Yes (n=253)	11.4	[9.7, 13.4]	10.5	[7.6, 14.2]	11.2	[9.7, 12.9]
No (n=2,843)	88.6	[86.6, 90.3]	89.5	[85.8, 92.4]	88.8	[87.1, 90.3]
Total (n=3,096)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	0.4582					
Design-based F(1.00, 3084.00) =	0.2150	Pr =	0.643			
Veteran						
Yes (n=101)	3.8	[2.9, 4.9]	3.6	[2.1, 5.9]	3.7	[3.0, 4.7]
No (n=2,991)	96.0	[94.8, 96.9]	96.4	[94.1, 97.9]	96.1	[95.1, 96.9]
Don't know (n=2)	0.2	[0.0, 0.9]	0.0		0.2	[0.0, 0.7]
Total (n=3,094)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(2) =	1.5668					
Design-based F(1.89, 5812.27) =	0.3336	Pr =	0.704			
Marital status						
Married (n=750)	18.1	[16.5, 19.8]	23.7	[20.2, 27.5]	19.4	[17.9, 20.9]
Partnered (n=120)	3.4	[2.6, 4.4]	4.2	[2.8, 6.1]	3.6	[2.9, 4.4]
Divorced (n=683)	20.6	[18.6, 22.6]	14.5	[11.9, 17.6]	19.2	[17.5, 20.9]
Widowed (n=113)	2.8	[2.2, 3.5]	1.9	[1.1, 3.3]	2.6	[2.1, 3.2]
Separated (n=101)	3.1	[2.4, 4.0]	4.0	[2.5, 6.4]	3.3	[2.6, 4.2]
Never Married (n=1,317)	52.1	[49.5, 54.6]	51.7	[47.1, 56.3]	52.0	[49.8, 54.2]
Total (n=3,084)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(5) =	23.2186					
Design-based F(4.87, 14953.07) =	3.4731	Pr =	0.004			

Continued on next page

Continued from previous page

Number of places lived in past 3 years						
One (n=2,175)	70.1	[67.7, 72.4]	58.1	[53.4, 62.7]	67.3	[65.1, 69.4]
Two (n=611)	19.3	[17.4, 21.4]	24.2	[20.4, 28.5]	20.5	[18.7, 22.4]
Three (n=186)	6.5	[5.3, 8.0]	10.3	[7.5, 14.0]	7.4	[6.2, 8.8]
Four or more (n=120)	4.0	[3.0, 5.2]	7.4	[5.0, 10.6]	4.8	[3.8, 5.9]
Don't know (n=2)	0.1	[0.0, 0.3]	0.0		0.1	[0.0, 0.2]
Total (n=3,094)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(4) =	42.7068					
Design-based F(3.73, 11498.82) =	6.4671	Pr =	0.000			
Homeless in the last 12 months						
Yes (n=195)	7.6	[6.2, 9.2]	8.8	[6.3, 12.2]	7.9	[6.7, 9.3]
No (n=2,894)	92.4	[90.8, 93.8]	91.2	[87.8, 93.7]	92.1	[90.7, 93.3]
Total (n=3,089)	100.0		100.0		100.0	
Pearson: Uncorrected chi2(1) =	1.1505					
Design-based F(1.00, 3077.00) =	0.5876	Pr =	0.443			

0.3 Q: Are you currently in school?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Yes		In school		Total Row%
	Row%	95%CI	No Row%	95%CI	
Follow-up group					
Still enrolled (n=2,387)	11.4	[9.7, 13.4]	88.6	[86.6, 90.3]	100.0
No longer enrolled (n=709)	10.5	[7.6, 14.2]	89.5	[85.8, 92.4]	100.0
Pearson: Uncorrected chi2(1) =	0.4582				
Design-based F(1.00, 3084.00) =	0.2150	Pr =	0.643		
Age					
19-34 (n=908)	23.9	[20.5, 27.7]	76.1	[72.3, 79.5]	100.0
35-50 (n=969)	5.6	[3.8, 8.0]	94.4	[92.0, 96.2]	100.0
51-64 (n=1,219)	1.1	[0.6, 2.2]	98.9	[97.8, 99.4]	100.0
Pearson: Uncorrected chi2(2) =	312.3618				
Design-based F(1.84, 5660.07) =	92.8398	Pr =	0.000		
Gender					
Male (n=1,230)	11.2	[8.9, 14.0]	88.8	[86.0, 91.1]	100.0
Female (n=1,866)	11.2	[9.3, 13.4]	88.8	[86.6, 90.7]	100.0
Pearson: Uncorrected chi2(1) =	0.0002				
Design-based F(1.00, 3084.00) =	0.0001	Pr =	0.992		
Race/ethnicity					
White, non-Hispanic (n=2,058)	9.5	[7.8, 11.6]	90.5	[88.4, 92.2]	100.0
Black, non-Hispanic (n=634)	11.2	[8.4, 14.8]	88.8	[85.2, 91.6]	100.0
Hispanic (n=138)	14.5	[7.3, 26.8]	85.5	[73.2, 92.7]	100.0
Other, non-Hispanic (n=227)	21.0	[14.6, 29.3]	79.0	[70.7, 85.4]	100.0
Pearson: Uncorrected chi2(3) =	32.5265				
Design-based F(2.94, 8960.36) =	4.5625	Pr =	0.004		
FPL category					
0-35% (n=1,218)	10.4	[8.1, 13.1]	89.6	[86.9, 91.9]	100.0
36-99% (n=1,084)	11.0	[8.7, 13.7]	89.0	[86.3, 91.3]	100.0
100%+ (n=794)	13.6	[10.6, 17.3]	86.4	[82.7, 89.4]	100.0
Pearson: Uncorrected chi2(2) =	4.8637				
Design-based F(1.93, 5950.44) =	1.3454	Pr =	0.260		
Region					
UP/NW/NE (n=574)	5.1	[3.4, 7.5]	94.9	[92.5, 96.6]	100.0
W/E Central/E (n=980)	8.8	[6.7, 11.6]	91.2	[88.4, 93.3]	100.0
S Central/SW/SE (n=633)	11.3	[8.6, 14.9]	88.7	[85.1, 91.4]	100.0
Detroit Metro (n=909)	14.1	[11.3, 17.4]	85.9	[82.6, 88.7]	100.0
Pearson: Uncorrected chi2(3) =	26.6380				
Design-based F(2.57, 7925.84) =	6.1057	Pr =	0.001		
Chronic condition (2016/2017 survey or DW)					
Yes (n=2,468)	7.7	[6.3, 9.4]	92.3	[90.6, 93.7]	100.0
No (n=628)	22.6	[18.5, 27.4]	77.4	[72.6, 81.5]	100.0
Pearson: Uncorrected chi2(1) =	123.0861				
Design-based F(1.00, 3084.00) =	58.2181	Pr =	0.000		
Total (n=3,096)	11.2	[9.7, 12.9]	88.8	[87.1, 90.3]	100.0

Note: Total count is less than universe count due to item non-response.

0.3.1 Q: Are you a full-time or part-time student?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: Respondents who are in school (n = 255)

	Student status						Total Row%
	Full-time		Part-time		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=199)	62.0	[53.3, 70.1]	38.0	[29.9, 46.7]	0.0		100.0
No longer enrolled (n=55)	59.5	[42.7, 74.3]	39.6	[24.9, 56.5]	0.9	[0.1, 6.0]	100.0
Pearson: Uncorrected chi2(2) =	1.7799						
Design-based F(1.56, 378.22) =	0.8452	Pr =	0.405				
Age							
19-34 (n=195)	66.0	[57.3, 73.7]	33.8	[26.0, 42.5]	0.2	[0.0, 1.7]	100.0
35-50 (n=48)	41.8	[24.5, 61.4]	58.2	[38.6, 75.5]	0.0		100.0
51-64 (n=11)	54.2	[23.4, 82.1]	45.8	[17.9, 76.6]	0.0		100.0
Pearson: Uncorrected chi2(4) =	9.3380						
Design-based F(3.33, 805.77) =	2.3199	Pr =	0.067				
Gender							
Male (n=96)	65.3	[52.5, 76.1]	34.3	[23.5, 47.1]	0.4	[0.1, 2.9]	100.0
Female (n=158)	58.1	[48.4, 67.3]	41.9	[32.7, 51.6]	0.0		100.0
Pearson: Uncorrected chi2(2) =	1.9968						
Design-based F(1.54, 372.91) =	0.9262	Pr =	0.375				
Race/ethnicity							
White, non-Hispanic (n=148)	58.7	[48.2, 68.5]	40.9	[31.2, 51.4]	0.4	[0.1, 2.7]	100.0
Black, non-Hispanic (n=60)	69.3	[55.1, 80.7]	30.7	[19.3, 44.9]	0.0		100.0
Hispanic (n=11)	65.4	[26.9, 90.7]	34.6	[9.3, 73.1]	0.0		100.0
Other, non-Hispanic (n=33)	57.1	[36.4, 75.7]	42.9	[24.3, 63.6]	0.0		100.0
Pearson: Uncorrected chi2(6) =	3.0054						
Design-based F(5.19, 1245.92) =	0.2993	Pr =	0.919				
FPL category							
0-35% (n=90)	59.8	[46.6, 71.6]	40.2	[28.4, 53.4]	0.0		100.0
36-99% (n=87)	55.5	[43.3, 67.1]	44.5	[32.9, 56.7]	0.0		100.0
100%+ (n=77)	71.4	[59.5, 81.0]	27.8	[18.3, 39.8]	0.8	[0.1, 5.4]	100.0
Pearson: Uncorrected chi2(4) =	5.5460						
Design-based F(2.96, 716.26) =	1.6502	Pr =	0.177				
Region							
UP/NW/NE (n=27)	50.2	[29.8, 70.6]	45.2	[25.6, 66.4]	4.6	[0.6, 27.2]	100.0
W/E Central/E (n=67)	70.1	[56.8, 80.6]	29.9	[19.4, 43.2]	0.0		100.0
S Central/SW/SE (n=57)	55.4	[41.0, 69.1]	44.6	[30.9, 59.0]	0.0		100.0
Detroit Metro (n=103)	60.6	[48.5, 71.6]	39.4	[28.4, 51.5]	0.0		100.0
Pearson: Uncorrected chi2(6) =	14.1521						
Design-based F(4.25, 1029.61) =	3.3475	Pr =	0.008				
Chronic condition (2016/2017 survey or DW)							
Yes (n=144)	61.2	[51.1, 70.5]	38.4	[29.1, 48.6]	0.4	[0.0, 2.5]	100.0
No (n=110)	61.7	[49.7, 72.5]	38.3	[27.5, 50.3]	0.0		100.0
Pearson: Uncorrected chi2(2) =	0.4257						
Design-based F(1.56, 378.01) =	0.2045	Pr =	0.760				
Total (n=254)	61.5	[53.7, 68.7]	38.3	[31.1, 46.1]	0.2	[0.0, 1.3]	100.0

Note: Total count is less than universe count due to item non-response.

0.4 Q: Are you currently employed or self-employed?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Employed/self-employed				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Follow-up group					
Still enrolled (n=2,385)	55.4	[52.8, 57.9]	44.6	[42.1, 47.2]	100.0
No longer enrolled (n=708)	62.9	[58.5, 67.2]	37.1	[32.8, 41.5]	100.0
Pearson: Uncorrected chi2(1) =	12.7472				
Design-based F(1.00, 3081.00) =	8.1366	Pr =	0.004		
Age					
19-34 (n=907)	67.5	[63.5, 71.2]	32.5	[28.8, 36.5]	100.0
35-50 (n=968)	56.8	[52.9, 60.7]	43.2	[39.3, 47.1]	100.0
51-64 (n=1,218)	43.9	[40.6, 47.3]	56.1	[52.7, 59.4]	100.0
Pearson: Uncorrected chi2(2) =	113.3858				
Design-based F(1.93, 5953.22) =	34.9793	Pr =	0.000		
Gender					
Male (n=1,229)	56.6	[53.1, 60.1]	43.4	[39.9, 46.9]	100.0
Female (n=1,864)	57.6	[54.8, 60.4]	42.4	[39.6, 45.2]	100.0
Pearson: Uncorrected chi2(1) =	0.2732				
Design-based F(1.00, 3081.00) =	0.1629	Pr =	0.687		
Race/ethnicity					
White, non-Hispanic (n=2,058)	54.9	[52.2, 57.7]	45.1	[42.3, 47.8]	100.0
Black, non-Hispanic (n=630)	58.6	[53.8, 63.2]	41.4	[36.8, 46.2]	100.0
Hispanic (n=138)	71.1	[62.1, 78.7]	28.9	[21.3, 37.9]	100.0
Other, non-Hispanic (n=228)	61.8	[53.8, 69.2]	38.2	[30.8, 46.2]	100.0
Pearson: Uncorrected chi2(3) =	18.6156				
Design-based F(2.95, 8972.69) =	3.7810	Pr =	0.010		
FPL category					
0-35% (n=1,216)	43.9	[40.3, 47.6]	56.1	[52.4, 59.7]	100.0
36-99% (n=1,082)	70.8	[67.7, 73.8]	29.2	[26.2, 32.3]	100.0
100%+ (n=795)	72.8	[69.1, 76.1]	27.2	[23.9, 30.9]	100.0
Pearson: Uncorrected chi2(2) =	242.7716				
Design-based F(1.92, 5901.35) =	96.2913	Pr =	0.000		
Region					
UP/NW/NE (n=574)	56.2	[51.7, 60.5]	43.8	[39.5, 48.3]	100.0
W/E Central/E (n=979)	54.9	[51.4, 58.3]	45.1	[41.7, 48.6]	100.0
S Central/SW/SE (n=633)	60.1	[55.7, 64.4]	39.9	[35.6, 44.3]	100.0
Detroit Metro (n=907)	57.6	[53.6, 61.5]	42.4	[38.5, 46.4]	100.0
Pearson: Uncorrected chi2(3) =	4.1749				
Design-based F(2.64, 8118.94) =	1.1697	Pr =	0.317		
Chronic condition (2016/2017 survey or DW)					
Yes (n=2,467)	53.1	[50.6, 55.6]	46.9	[44.4, 49.4]	100.0
No (n=626)	70.5	[65.6, 75.0]	29.5	[25.0, 34.4]	100.0
Pearson: Uncorrected chi2(1) =	67.4404				
Design-based F(1.00, 3081.00) =	35.1421	Pr =	0.000		
Total (n=3,093)	57.1	[55.0, 59.3]	42.9	[40.7, 45.0]	100.0

Note: Total count is less than universe count due to item non-response.

0.4.1 Q: Are you working full time or part time?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: Respondents who are employed/self-employed (n = 1,746)

	Employment status				Total Row%
	Full-time Row%	95%CI	Part-time Row%	95%CI	
Follow-up group					
Still enrolled (n=1,309)	41.6	[38.2, 45.1]	58.4	[54.9, 61.8]	100.0
No longer enrolled (n=422)	69.2	[63.5, 74.3]	30.8	[25.7, 36.5]	100.0
Pearson: Uncorrected chi2(1) =	100.1657				
Design-based F(1.00, 1719.00) =	62.3638	Pr =	0.000		
Age					
19-34 (n=639)	53.0	[48.1, 58.0]	47.0	[42.0, 51.9]	100.0
35-50 (n=562)	49.8	[44.6, 55.1]	50.2	[44.9, 55.4]	100.0
51-64 (n=530)	38.1	[33.1, 43.3]	61.9	[56.7, 66.9]	100.0
Pearson: Uncorrected chi2(2) =	23.1741				
Design-based F(1.93, 3314.41) =	7.5250	Pr =	0.001		
Gender					
Male (n=685)	51.6	[46.7, 56.4]	48.4	[43.6, 53.3]	100.0
Female (n=1,046)	46.1	[42.4, 50.0]	53.9	[50.0, 57.6]	100.0
Pearson: Uncorrected chi2(1) =	5.1189				
Design-based F(1.00, 1719.00) =	2.9619	Pr =	0.085		
Race/ethnicity					
White, non-Hispanic (n=1,126)	46.1	[42.4, 49.8]	53.9	[50.2, 57.6]	100.0
Black, non-Hispanic (n=367)	53.5	[46.8, 60.1]	46.5	[39.9, 53.2]	100.0
Hispanic (n=88)	55.2	[42.4, 67.4]	44.8	[32.6, 57.6]	100.0
Other, non-Hispanic (n=131)	47.5	[37.3, 57.9]	52.5	[42.1, 62.7]	100.0
Pearson: Uncorrected chi2(3) =	8.9128				
Design-based F(2.99, 5074.86) =	1.6003	Pr =	0.187		
FPL category					
0-35% (n=477)	40.3	[34.7, 46.2]	59.7	[53.8, 65.3]	100.0
36-99% (n=714)	50.2	[45.7, 54.6]	49.8	[45.4, 54.3]	100.0
100%+ (n=540)	60.1	[55.2, 64.8]	39.9	[35.2, 44.8]	100.0
Pearson: Uncorrected chi2(2) =	42.9402				
Design-based F(1.87, 3216.73) =	13.7404	Pr =	0.000		
Region					
UP/NW/NE (n=317)	53.3	[47.2, 59.3]	46.7	[40.7, 52.8]	100.0
W/E Central/E (n=519)	46.4	[41.5, 51.3]	53.6	[48.7, 58.5]	100.0
S Central/SW/SE (n=361)	51.8	[45.7, 57.8]	48.2	[42.2, 54.3]	100.0
Detroit Metro (n=534)	47.8	[42.4, 53.3]	52.2	[46.7, 57.6]	100.0
Pearson: Uncorrected chi2(3) =	3.8550				
Design-based F(2.64, 4536.32) =	1.0113	Pr =	0.380		
Chronic condition (2016/2017 survey or DW)					
Yes (n=1,272)	47.5	[43.9, 51.2]	52.5	[48.8, 56.1]	100.0
No (n=459)	51.6	[45.9, 57.2]	48.4	[42.8, 54.1]	100.0
Pearson: Uncorrected chi2(1) =	2.2964				
Design-based F(1.00, 1719.00) =	1.3804	Pr =	0.240		
Total (n=1,731)	48.7	[45.7, 51.7]	51.3	[48.3, 54.3]	100.0

Note: Total count is less than universe count due to item non-response.

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

Follow-up group(s): Still enrolled, No longer enrolled

Universe: Respondents who are employed/self-employed (n = 1,746)

	Job change in last 12 months						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=1,318)	20.2	[17.5, 23.2]	79.8	[76.8, 82.5]	0.0	[0.0, 0.2]	100.0
No longer enrolled (n=423)	28.5	[23.6, 34.0]	71.5	[66.0, 76.4]	0.0		100.0
Pearson: Uncorrected chi2(2) =	13.3741						
Design-based F(1.48, 2550.43) =	6.6929	Pr =	0.004				
Age							
19-34 (n=641)	29.4	[25.3, 34.0]	70.6	[66.0, 74.7]	0.0		100.0
35-50 (n=566)	18.6	[14.9, 23.0]	81.4	[77.0, 85.1]	0.0		100.0
51-64 (n=534)	13.6	[10.1, 18.0]	86.3	[81.9, 89.8]	0.1	[0.0, 0.7]	100.0
Pearson: Uncorrected chi2(4) =	45.4996						
Design-based F(3.39, 5855.06) =	8.5319	Pr =	0.000				
Gender							
Male (n=686)	22.2	[18.5, 26.3]	77.8	[73.7, 81.5]	0.0		100.0
Female (n=1,055)	22.4	[19.3, 25.8]	77.5	[74.1, 80.6]	0.0	[0.0, 0.3]	100.0
Pearson: Uncorrected chi2(2) =	0.3667						
Design-based F(1.45, 2511.67) =	0.1758	Pr =	0.767				
Race/ethnicity							
White, non-Hispanic (n=1,135)	21.7	[18.8, 24.9]	78.2	[75.1, 81.1]	0.0	[0.0, 0.3]	100.0
Black, non-Hispanic (n=367)	21.1	[16.5, 26.7]	78.9	[73.3, 83.5]	0.0		100.0
Hispanic (n=88)	25.9	[15.2, 40.4]	74.1	[59.6, 84.8]	0.0		100.0
Other, non-Hispanic (n=131)	27.8	[19.1, 38.4]	72.2	[61.6, 80.9]	0.0		100.0
Pearson: Uncorrected chi2(6) =	4.3826						
Design-based F(5.21, 8910.97) =	0.4370	Pr =	0.830				
FPL category							
0-35% (n=478)	22.2	[17.8, 27.4]	77.8	[72.6, 82.2]	0.0		100.0
36-99% (n=716)	22.5	[19.1, 26.3]	77.4	[73.6, 80.9]	0.1	[0.0, 0.5]	100.0
100%+ (n=547)	22.1	[18.3, 26.5]	77.9	[73.5, 81.7]	0.0		100.0
Pearson: Uncorrected chi2(4) =	0.7888						
Design-based F(2.83, 4900.69) =	0.2040	Pr =	0.884				
Region							
UP/NW/NE (n=316)	21.7	[17.0, 27.3]	78.3	[72.7, 83.0]	0.0		100.0
W/E Central/E (n=528)	21.4	[17.7, 25.7]	78.6	[74.3, 82.3]	0.0		100.0
S Central/SW/SE (n=363)	29.3	[23.8, 35.4]	70.6	[64.5, 76.0]	0.1	[0.0, 0.8]	100.0
Detroit Metro (n=534)	19.9	[15.9, 24.6]	80.1	[75.4, 84.1]	0.0		100.0
Pearson: Uncorrected chi2(6) =	14.0456						
Design-based F(3.89, 6727.60) =	2.8355	Pr =	0.024				
Chronic condition (2016/2017 survey or DW)							
Yes (n=1,280)	22.4	[19.6, 25.6]	77.5	[74.4, 80.4]	0.0	[0.0, 0.2]	100.0
No (n=461)	22.0	[17.8, 26.8]	78.0	[73.2, 82.2]	0.0		100.0
Pearson: Uncorrected chi2(2) =	0.2114						
Design-based F(1.48, 2552.49) =	0.1061	Pr =	0.839				
Total (n=1,741)	22.3	[19.9, 24.9]	77.7	[75.1, 80.1]	0.0	[0.0, 0.2]	100.0

Note: Total count is less than universe count due to item non-response.

0.4.3 Q: Are you out of work, unable to work, retired, or not looking for work at this time?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: Respondents who are not employed/self-employed (n = 1,354)

	Out of work		Unable to work		Unemployed status		Not looking for work		Total Row%
	Row%	95%CI	Row%	95%CI	Retired Row%	95%CI	Row%	95%CI	
Follow-up group									
Still enrolled (n=1,056)	35.5	[31.8, 39.4]	39.3	[35.6, 43.0]	7.4	[6.0, 9.0]	17.9	[15.0, 21.2]	100.0
No longer enrolled (n=281)	26.2	[20.1, 33.3]	49.2	[42.1, 56.4]	12.9	[9.0, 18.1]	11.7	[8.1, 16.7]	100.0
Pearson: Uncorrected chi2(3) = Design-based F(2.95, 3902.85) =	23.2630 5.7215	Pr =	0.001						
Age									
19-34 (n=266)	49.1	[41.7, 56.5]	22.7	[17.0, 29.7]	0.0		28.2	[22.1, 35.2]	100.0
35-50 (n=395)	34.9	[29.3, 41.1]	50.4	[44.3, 56.4]	1.1	[0.5, 2.6]	13.6	[9.9, 18.3]	100.0
51-64 (n=676)	20.4	[16.8, 24.4]	47.3	[42.8, 51.8]	21.9	[18.5, 25.7]	10.4	[8.0, 13.5]	100.0
Pearson: Uncorrected chi2(6) = Design-based F(5.52, 7312.29) =	311.8039 35.3011	Pr =	0.000						
Gender									
Male (n=540)	40.9	[35.7, 46.3]	41.8	[36.7, 47.1]	9.4	[7.1, 12.3]	7.9	[5.4, 11.5]	100.0
Female (n=797)	27.0	[23.2, 31.2]	40.7	[36.6, 45.0]	7.7	[6.2, 9.5]	24.6	[20.8, 28.8]	100.0
Pearson: Uncorrected chi2(3) = Design-based F(2.82, 3741.35) =	75.7995 16.4974	Pr =	0.000						
Race/ethnicity									
White, non-Hispanic (n=914)	31.4	[27.4, 35.7]	42.1	[38.0, 46.3]	9.9	[8.2, 11.9]	16.7	[13.6, 20.3]	100.0
Black, non-Hispanic (n=260)	43.7	[36.8, 51.0]	38.3	[31.6, 45.4]	5.9	[3.4, 10.1]	12.1	[8.3, 17.2]	100.0
Hispanic (n=49)	30.8	[18.3, 47.0]	44.4	[29.5, 60.4]	5.0	[2.0, 12.3]	19.7	[10.0, 35.1]	100.0
Other, non-Hispanic (n=97)	24.0	[14.8, 36.4]	38.8	[27.8, 51.1]	8.2	[3.5, 17.9]	29.0	[18.2, 42.8]	100.0
Pearson: Uncorrected chi2(9) = Design-based F(8.32, 10884.55) =	34.5426 2.6551	Pr =	0.006						
FPL category									
0-35% (n=731)	36.2	[31.9, 40.7]	45.9	[41.5, 50.4]	4.9	[3.4, 7.0]	13.0	[10.1, 16.7]	100.0
36-99% (n=362)	27.6	[22.4, 33.6]	32.3	[27.2, 37.9]	13.8	[10.8, 17.6]	26.3	[21.2, 32.0]	100.0
100%+ (n=244)	28.7	[22.1, 36.2]	29.4	[23.6, 36.1]	20.0	[15.3, 25.5]	22.0	[15.9, 29.5]	100.0
Pearson: Uncorrected chi2(6) = Design-based F(5.62, 7451.74) =	94.1544 14.0143	Pr =	0.000						
Region									
UP/NW/NE (n=252)	24.3	[18.4, 31.3]	42.0	[35.3, 49.0]	14.7	[11.0, 19.3]	19.0	[13.8, 25.7]	100.0
W/E Central/E (n=451)	30.8	[25.9, 36.1]	45.9	[40.6, 51.3]	8.9	[6.8, 11.7]	14.4	[11.0, 18.7]	100.0
S Central/SW/SE (n=267)	32.1	[26.0, 39.0]	40.1	[33.6, 47.1]	10.3	[7.4, 14.1]	17.4	[12.6, 23.5]	100.0
Detroit Metro (n=367)	38.4	[32.4, 44.8]	38.1	[32.3, 44.2]	6.0	[3.9, 9.2]	17.5	[13.1, 22.9]	100.0
Pearson: Uncorrected chi2(9) = Design-based F(7.74, 10257.64) =	24.3417 2.3291	Pr =	0.018						
Chronic condition (2016/2017 survey or DW)									
Yes (n=1,175)	30.3	[26.9, 33.8]	45.5	[42.0, 49.1]	9.6	[8.0, 11.5]	14.6	[12.2, 17.4]	100.0
No (n=162)	51.3	[41.4, 61.0]	19.0	[11.8, 29.0]	2.5	[1.2, 5.1]	27.3	[19.5, 36.8]	100.0
Pearson: Uncorrected chi2(3) = Design-based F(2.56, 3387.09) =	82.3016 15.4685	Pr =	0.000						
Total (n=1,337)	33.6	[30.4, 37.0]	41.3	[38.0, 44.6]	8.5	[7.1, 10.1]	16.6	[14.2, 19.4]	100.0

Note: Total count is less than universe count due to item non-response.

0.4.3.1 Q: How long have you been out of work?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: Respondents who are out of work (n = 375)

	Time out of work				Total Row%
	Less than one year		One year or more		
	Row%	95%CI	Row%	95%CI	
Follow-up group					
Still enrolled (n=313)	46.0	[39.1, 53.1]	54.0	[46.9, 60.9]	100.0
No longer enrolled (n=60)	55.5	[40.5, 69.5]	44.5	[30.5, 59.5]	100.0
Pearson: Uncorrected chi2(1) =	1.7679				
Design-based F(1.00, 361.00) =	1.2617	Pr =	0.262		
Age					
19-34 (n=128)	61.6	[51.0, 71.1]	38.4	[28.9, 49.0]	100.0
35-50 (n=128)	38.8	[28.8, 49.9]	61.2	[50.1, 71.2]	100.0
51-64 (n=117)	34.8	[25.1, 46.1]	65.2	[53.9, 74.9]	100.0
Pearson: Uncorrected chi2(2) =	21.7851				
Design-based F(1.94, 699.13) =	7.4051	Pr =	0.001		
Gender					
Male (n=186)	46.3	[37.6, 55.1]	53.7	[44.9, 62.4]	100.0
Female (n=187)	49.2	[40.4, 58.1]	50.8	[41.9, 59.6]	100.0
Pearson: Uncorrected chi2(1) =	0.3158				
Design-based F(1.00, 361.00) =	0.2102	Pr =	0.647		
Race/ethnicity					
White, non-Hispanic (n=232)	48.0	[39.8, 56.4]	52.0	[43.6, 60.2]	100.0
Black, non-Hispanic (n=104)	45.5	[34.8, 56.5]	54.5	[43.5, 65.2]	100.0
Hispanic (n=14)	74.7	[47.0, 90.8]	25.3	[9.2, 53.0]	100.0
Other, non-Hispanic (n=21)	42.5	[20.8, 67.6]	57.5	[32.4, 79.2]	100.0
Pearson: Uncorrected chi2(3) =	3.7863				
Design-based F(2.82, 1013.26) =	1.0013	Pr =	0.388		
FPL category					
0-35% (n=231)	42.9	[35.1, 51.0]	57.1	[49.0, 64.9]	100.0
36-99% (n=86)	52.8	[40.5, 64.7]	47.2	[35.3, 59.5]	100.0
100%+ (n=56)	71.5	[57.6, 82.3]	28.5	[17.7, 42.4]	100.0
Pearson: Uncorrected chi2(2) =	12.3100				
Design-based F(1.96, 705.79) =	6.2464	Pr =	0.002		
Region					
UP/NW/NE (n=53)	38.4	[23.9, 55.3]	61.6	[44.7, 76.1]	100.0
W/E Central/E (n=123)	48.9	[38.9, 59.1]	51.1	[40.9, 61.1]	100.0
S Central/SW/SE (n=76)	50.1	[37.9, 62.2]	49.9	[37.8, 62.1]	100.0
Detroit Metro (n=121)	47.1	[36.7, 57.7]	52.9	[42.3, 63.3]	100.0
Pearson: Uncorrected chi2(3) =	1.0917				
Design-based F(2.73, 985.04) =	0.3211	Pr =	0.791		
Chronic condition (2016/2017 survey or DW)					
Yes (n=296)	43.2	[36.2, 50.5]	56.8	[49.5, 63.8]	100.0
No (n=77)	61.0	[47.2, 73.2]	39.0	[26.8, 52.8]	100.0
Pearson: Uncorrected chi2(1) =	8.6584				
Design-based F(1.00, 361.00) =	5.1129	Pr =	0.024		
Total (n=373)	47.5	[41.2, 53.9]	52.5	[46.1, 58.8]	100.0

Note: Total count is less than universe count due to item non-response.

0.4.3.2 Q: How long have you been unable to work?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: Respondents who are unable to work (n = 570)

	Time unable to work				Total Row%
	Less than one year		One year or more		
	Row%	95%CI	Row%	95%CI	
Follow-up group					
Still enrolled (n=433)	12.2	[8.4, 17.4]	87.8	[82.6, 91.6]	100.0
No longer enrolled (n=137)	13.6	[8.0, 22.3]	86.4	[77.7, 92.0]	100.0
Pearson: Uncorrected chi2(1) =	0.1837				
Design-based F(1.00, 558.00) =	0.1120	Pr =	0.738		
Age					
19-34 (n=55)	25.5	[13.1, 43.7]	74.5	[56.3, 86.9]	100.0
35-50 (n=202)	13.5	[8.9, 20.0]	86.5	[80.0, 91.1]	100.0
51-64 (n=313)	6.8	[4.3, 10.5]	93.2	[89.5, 95.7]	100.0
Pearson: Uncorrected chi2(2) =	21.5054				
Design-based F(1.74, 971.07) =	5.8412	Pr =	0.005		
Gender					
Male (n=232)	12.2	[7.4, 19.3]	87.8	[80.7, 92.6]	100.0
Female (n=338)	13.0	[8.8, 18.6]	87.0	[81.4, 91.2]	100.0
Pearson: Uncorrected chi2(1) =	0.0826				
Design-based F(1.00, 558.00) =	0.0424	Pr =	0.837		
Race/ethnicity					
White, non-Hispanic (n=394)	12.1	[8.4, 17.1]	87.9	[82.9, 91.6]	100.0
Black, non-Hispanic (n=102)	16.5	[8.9, 28.7]	83.5	[71.3, 91.1]	100.0
Hispanic (n=20)	0.0		100.0		100.0
Other, non-Hispanic (n=44)	7.5	[1.4, 31.3]	92.5	[68.7, 98.6]	100.0
Pearson: Uncorrected chi2(3) =	5.9410				
Design-based F(2.88, 1578.62) =	1.0234	Pr =	0.379		
FPL category					
0-35% (n=365)	11.8	[7.9, 17.4]	88.2	[82.6, 92.1]	100.0
36-99% (n=125)	17.5	[11.3, 26.2]	82.5	[73.8, 88.7]	100.0
100%+ (n=80)	10.9	[5.8, 19.4]	89.1	[80.6, 94.2]	100.0
Pearson: Uncorrected chi2(2) =	2.2495				
Design-based F(1.82, 1017.21) =	1.1955	Pr =	0.300		
Region					
UP/NW/NE (n=109)	14.0	[7.7, 24.1]	86.0	[75.9, 92.3]	100.0
W/E Central/E (n=203)	13.5	[8.5, 20.8]	86.5	[79.2, 91.5]	100.0
S Central/SW/SE (n=112)	8.4	[3.8, 17.5]	91.6	[82.5, 96.2]	100.0
Detroit Metro (n=146)	13.2	[7.4, 22.3]	86.8	[77.7, 92.6]	100.0
Pearson: Uncorrected chi2(3) =	1.8407				
Design-based F(2.64, 1470.44) =	0.4134	Pr =	0.718		
Chronic condition (2016/2017 survey or DW)					
Yes (n=546)	10.8	[7.9, 14.5]	89.2	[85.5, 92.1]	100.0
No (n=24)	35.0	[14.8, 62.6]	65.0	[37.4, 85.2]	100.0
Pearson: Uncorrected chi2(1) =	21.2026				
Design-based F(1.00, 558.00) =	7.1949	Pr =	0.008		
Total (n=570)	12.6	[9.2, 16.9]	87.4	[83.1, 90.8]	100.0

0.4.3.3 Q: Why are you unable to work?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: Respondents who are unable to work (n = 570)

Why are you unable to work?	Weighted Proportion	95%CI
Poor health (n=324)	52.9	[47.7, 58.0]
Disability (n=212)	41.0	[36.0, 46.2]
Other (n=24)	4.8	[2.8, 8.2]
Caregiving responsibilities (n=18)	2.7	[1.5, 4.6]
Don't know (n=3)	1.2	[0.4, 3.6]
Age (n=3)	0.5	[0.1, 1.6]

0.4.3.4 Q: How long have you been retired?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: Respondents who are retired (n = 184)

	Time retired				Total Row%
	Less than one year		One year or more		
	Row%	95%CI	Row%	95%CI	
Follow-up group					
Still enrolled (n=133)	15.9	[8.7, 27.4]	84.1	[72.6, 91.3]	100.0
No longer enrolled (n=50)	15.8	[7.0, 31.8]	84.2	[68.2, 93.0]	100.0
Pearson: Uncorrected chi2(1) =	0.0004				
Design-based F(1.00, 171.00) =	0.0002	Pr =	0.988		
Age					
35-50 (n=7)	48.4	[13.8, 84.6]	51.6	[15.4, 86.2]	100.0
51-64 (n=176)	14.4	[8.4, 23.8]	85.6	[76.2, 91.6]	100.0
Pearson: Uncorrected chi2(1) =	6.5689				
Design-based F(1.00, 171.00) =	3.9759	Pr =	0.048		
Gender					
Male (n=80)	18.1	[8.7, 33.9]	81.9	[66.1, 91.3]	100.0
Female (n=103)	13.4	[7.1, 24.0]	86.6	[76.0, 92.9]	100.0
Pearson: Uncorrected chi2(1) =	0.7646				
Design-based F(1.00, 171.00) =	0.4224	Pr =	0.517		
Race/ethnicity					
White, non-Hispanic (n=146)	15.8	[8.9, 26.5]	84.2	[73.5, 91.1]	100.0
Black, non-Hispanic (n=21)	16.0	[4.6, 43.0]	84.0	[57.0, 95.4]	100.0
Hispanic (n=5)	0.0		100.0		100.0
Other, non-Hispanic (n=10)	21.6	[6.1, 53.8]	78.4	[46.2, 93.9]	100.0
Pearson: Uncorrected chi2(3) =	1.0080				
Design-based F(2.69, 457.29) =	0.2459	Pr =	0.844		
FPL category					
0-35% (n=49)	21.8	[9.6, 42.2]	78.2	[57.8, 90.4]	100.0
36-99% (n=70)	14.6	[6.5, 29.6]	85.4	[70.4, 93.5]	100.0
100%+ (n=64)	9.5	[4.1, 20.3]	90.5	[79.7, 95.9]	100.0
Pearson: Uncorrected chi2(2) =	3.6577				
Design-based F(1.83, 313.29) =	1.1332	Pr =	0.320		
Region					
UP/NW/NE (n=50)	15.8	[7.2, 31.0]	84.2	[69.0, 92.8]	100.0
W/E Central/E (n=61)	12.2	[5.1, 26.5]	87.8	[73.5, 94.9]	100.0
S Central/SW/SE (n=38)	10.6	[4.2, 24.5]	89.4	[75.5, 95.8]	100.0
Detroit Metro (n=34)	23.7	[9.0, 49.6]	76.3	[50.4, 91.0]	100.0
Pearson: Uncorrected chi2(3) =	3.9516				
Design-based F(2.45, 418.47) =	0.8736	Pr =	0.437		
Chronic condition (2016/2017 survey or DW)					
Yes (n=175)	15.9	[9.5, 25.6]	84.1	[74.4, 90.5]	100.0
No (n=8)	15.3	[3.4, 48.2]	84.7	[51.8, 96.6]	100.0
Pearson: Uncorrected chi2(1) =	0.0022				
Design-based F(1.00, 171.00) =	0.0027	Pr =	0.959		
Total (n=183)	15.9	[9.6, 25.1]	84.1	[74.9, 90.4]	100.0

Note: Total count is less than universe count due to item non-response.

0.5 Q: The Healthy Michigan Plan gave me insurance when I couldn't get insurance at my job.

Follow-up group(s): Still enrolled, No longer enrolled

Universe: Respondents who are employed/self-employed and have not changed jobs in the past 12 months (n = 1,378)

	HMP gave me insurance when I couldn't get it through my job								Total Row%
	Yes Row%	95%CI	No Row%	95%CI	NA Row%	95%CI	Don't know Row%	95%CI	
Follow-up group									
Still enrolled (n=1,069)	80.4	[76.9, 83.5]	7.0	[5.1, 9.4]	12.0	[9.5, 15.0]	0.6	[0.2, 1.6]	100.0
No longer enrolled (n=304)	79.2	[72.7, 84.6]	8.3	[5.5, 12.4]	10.9	[6.9, 16.9]	1.5	[0.4, 5.7]	100.0
Pearson: Uncorrected chi2(3) =	3.2613								
Design-based F(2.93, 3983.21) =	0.5904	Pr =	0.617						
Age									
19-34 (n=445)	78.1	[72.9, 82.6]	7.8	[5.3, 11.3]	14.1	[10.5, 18.8]	0.0		100.0
35-50 (n=458)	81.3	[75.6, 85.9]	8.3	[5.3, 12.6]	9.2	[5.9, 14.1]	1.3	[0.5, 3.5]	100.0
51-64 (n=470)	81.8	[76.6, 86.0]	5.1	[3.4, 7.6]	11.6	[8.0, 16.3]	1.5	[0.4, 5.4]	100.0
Pearson: Uncorrected chi2(6) =	16.6497								
Design-based F(5.64, 7682.03) =	1.5621	Pr =	0.158						
Gender									
Male (n=537)	78.2	[73.0, 82.7]	6.8	[4.5, 10.2]	14.1	[10.4, 18.8]	0.9	[0.3, 2.6]	100.0
Female (n=836)	81.8	[78.2, 85.0]	7.7	[5.7, 10.4]	9.7	[7.4, 12.6]	0.8	[0.2, 2.5]	100.0
Pearson: Uncorrected chi2(3) =	6.6958								
Design-based F(3.00, 4080.13) =	1.1943	Pr =	0.310						
Race/ethnicity									
White, non-Hispanic (n=893)	81.2	[77.5, 84.4]	6.5	[4.8, 8.8]	11.7	[9.1, 15.0]	0.6	[0.1, 2.4]	100.0
Black, non-Hispanic (n=290)	80.5	[73.6, 86.0]	5.7	[3.3, 9.7]	12.6	[8.0, 19.3]	1.2	[0.3, 4.4]	100.0
Hispanic (n=71)	76.9	[64.5, 86.0]	12.1	[6.0, 22.7]	8.9	[3.6, 20.3]	2.1	[0.6, 6.7]	100.0
Other, non-Hispanic (n=102)	76.9	[62.8, 86.8]	12.0	[4.8, 27.0]	11.0	[5.1, 22.3]	0.0		100.0
Pearson: Uncorrected chi2(9) =	13.4873								
Design-based F(8.00, 10755.12) =	0.7938	Pr =	0.608						
FPL category									
0-35% (n=371)	77.1	[70.9, 82.3]	7.8	[4.8, 12.3]	14.6	[10.4, 20.2]	0.5	[0.1, 3.5]	100.0
36-99% (n=566)	82.2	[77.9, 85.9]	5.7	[4.0, 8.1]	10.5	[7.5, 14.3]	1.6	[0.6, 4.0]	100.0
100%+ (n=436)	82.1	[77.4, 85.9]	8.6	[6.0, 12.3]	9.0	[6.3, 12.6]	0.4	[0.1, 1.6]	100.0
Pearson: Uncorrected chi2(6) =	15.1322								
Design-based F(5.26, 7159.56) =	1.5686	Pr =	0.162						
Region									
UP/NW/NE (n=253)	80.1	[73.8, 85.2]	9.8	[6.0, 15.6]	9.9	[6.7, 14.3]	0.2	[0.0, 1.6]	100.0
W/E Central/E (n=422)	82.0	[77.4, 85.9]	7.7	[5.1, 11.3]	9.5	[6.8, 13.1]	0.8	[0.3, 2.2]	100.0
S Central/SW/SE (n=269)	82.2	[76.0, 87.0]	5.4	[3.1, 9.1]	12.1	[8.0, 17.9]	0.4	[0.1, 2.7]	100.0
Detroit Metro (n=429)	78.1	[72.3, 83.0]	7.3	[4.7, 11.2]	13.4	[9.5, 18.7]	1.1	[0.3, 3.7]	100.0
Pearson: Uncorrected chi2(9) =	8.4676								
Design-based F(7.46, 10146.42) =	0.8007	Pr =	0.594						
Chronic condition (2016/2017 survey or DW)									
Yes (n=1,014)	82.2	[78.6, 85.3]	7.5	[5.6, 10.1]	9.6	[7.2, 12.6]	0.7	[0.3, 1.8]	100.0
No (n=359)	75.0	[68.9, 80.2]	6.6	[4.3, 10.2]	17.2	[12.7, 22.9]	1.2	[0.3, 4.7]	100.0
Pearson: Uncorrected chi2(3) =	16.7774								
Design-based F(2.94, 4007.70) =	3.0440	Pr =	0.029						
Total (n=1,373)	80.1	[77.1, 82.9]	7.3	[5.7, 9.3]	11.7	[9.5, 14.4]	0.8	[0.4, 1.8]	100.0

Note: Total count is less than universe count due to item non-response.

0.6 Q: Having the Healthy Michigan Plan helped me stay insured between jobs or between school and a job.

Follow-up group(s): Still enrolled, No longer enrolled

Universe: Respondents who are in school, employed/self-employed and have changed jobs in the past 12 months, or not employed/self-employed and are not looking for work at this time (n = 749)

	HMP helped me stay insured								Total Row%
	Yes Row%	95%CI	No Row%	95%CI	NA Row%	95%CI	Don't know Row%	95%CI	
Follow-up group									
Still enrolled (n=551)	78.3	[73.9, 82.2]	6.6	[4.3, 10.0]	12.5	[9.9, 15.8]	2.5	[1.2, 5.1]	100.0
No longer enrolled (n=192)	74.6	[66.0, 81.7]	10.6	[5.6, 19.2]	14.8	[10.0, 21.4]	0.0		100.0
Pearson: Uncorrected chi2(3) =	8.6026								
Design-based F(2.86, 2091.81) =	1.6592	Pr =	0.176						
Age									
19-34 (n=402)	78.4	[72.8, 83.1]	8.1	[4.9, 13.0]	11.7	[8.7, 15.6]	1.8	[0.7, 5.0]	100.0
35-50 (n=199)	79.0	[72.1, 84.6]	7.2	[4.1, 12.4]	13.2	[8.9, 19.1]	0.5	[0.1, 2.2]	100.0
51-64 (n=142)	69.4	[59.7, 77.6]	6.3	[3.2, 12.2]	19.4	[13.2, 27.7]	4.8	[1.6, 13.8]	100.0
Pearson: Uncorrected chi2(6) =	11.3645								
Design-based F(5.35, 3910.37) =	1.6032	Pr =	0.151						
Gender									
Male (n=255)	77.0	[69.8, 82.9]	8.2	[4.4, 14.9]	13.0	[9.1, 18.2]	1.8	[0.4, 6.7]	100.0
Female (n=488)	77.6	[73.0, 81.7]	7.2	[4.8, 10.7]	13.2	[10.3, 16.8]	2.0	[0.9, 4.3]	100.0
Pearson: Uncorrected chi2(3) =	0.3127								
Design-based F(2.85, 2081.90) =	0.0558	Pr =	0.979						
Race/ethnicity									
White, non-Hispanic (n=477)	79.8	[75.1, 83.9]	5.7	[3.3, 9.7]	13.5	[10.5, 17.1]	1.0	[0.3, 2.8]	100.0
Black, non-Hispanic (n=151)	79.5	[71.3, 85.9]	6.6	[3.3, 12.7]	10.4	[6.2, 17.2]	3.4	[1.2, 9.2]	100.0
Hispanic (n=33)	58.7	[35.9, 78.3]	20.1	[5.8, 50.8]	20.3	[9.0, 39.6]	0.9	[0.1, 6.1]	100.0
Other, non-Hispanic (n=74)	74.0	[61.1, 83.8]	11.8	[5.8, 22.3]	10.9	[5.5, 20.2]	3.4	[0.5, 20.2]	100.0
Pearson: Uncorrected chi2(9) =	24.1956								
Design-based F(7.32, 5295.83) =	1.5856	Pr =	0.131						
FPL category									
0-35% (n=254)	76.7	[69.6, 82.5]	9.0	[5.2, 15.2]	10.9	[7.4, 15.8]	3.4	[1.5, 7.7]	100.0
36-99% (n=285)	75.0	[69.0, 80.2]	8.6	[5.4, 13.7]	15.6	[11.7, 20.6]	0.8	[0.3, 2.2]	100.0
100%+ (n=204)	81.9	[75.2, 87.1]	3.5	[1.3, 8.9]	14.4	[9.9, 20.4]	0.2	[0.0, 1.5]	100.0
Pearson: Uncorrected chi2(6) =	16.6212								
Design-based F(5.03, 3680.32) =	2.4821	Pr =	0.029						
Region									
UP/NW/NE (n=119)	79.4	[70.4, 86.1]	6.1	[2.8, 12.8]	13.4	[8.1, 21.3]	1.1	[0.3, 4.6]	100.0
W/E Central/E (n=210)	79.9	[73.3, 85.2]	4.3	[2.0, 8.7]	13.5	[9.3, 19.1]	2.3	[0.7, 7.5]	100.0
S Central/SW/SE (n=170)	75.2	[66.8, 82.1]	6.7	[3.5, 12.7]	17.5	[11.6, 25.4]	0.6	[0.1, 2.3]	100.0
Detroit Metro (n=244)	76.6	[69.6, 82.5]	10.2	[6.1, 16.8]	10.7	[7.5, 15.1]	2.4	[0.8, 6.7]	100.0
Pearson: Uncorrected chi2(9) =	12.5629								
Design-based F(7.28, 5324.88) =	1.3124	Pr =	0.238						
Chronic condition (2016/2017 survey or DW)									
Yes (n=513)	77.4	[72.7, 81.5]	7.4	[4.8, 11.0]	12.8	[10.0, 16.2]	2.4	[1.1, 5.2]	100.0
No (n=230)	77.4	[69.8, 83.5]	8.1	[4.2, 15.3]	13.7	[9.4, 19.5]	0.8	[0.1, 5.3]	100.0
Pearson: Uncorrected chi2(3) =	2.6948								
Design-based F(2.86, 2091.64) =	0.4959	Pr =	0.676						
Total (n=743)	77.4	[73.4, 80.9]	7.6	[5.3, 10.8]	13.1	[10.7, 16.0]	1.9	[0.9, 3.8]	100.0

Note: Total count is less than universe count due to item non-response.

0.7 Q: The Healthy Michigan Plan helped me do a better job at work.

Follow-up group(s): Still enrolled, No longer enrolled

Universe: Respondents who are employed/self-employed, or retired for less than one year and not currently a student (n = 1,762)

	HMP helped me do a better job at work								Total Row%
	Yes Row%	95%CI	No Row%	95%CI	NA Row%	95%CI	Don't know Row%	95%CI	
Follow-up group									
Still enrolled (n=1,330)	67.8	[64.4, 71.1]	16.2	[13.6, 19.1]	15.1	[12.7, 17.9]	0.8	[0.5, 1.5]	100.0
No longer enrolled (n=432)	56.0	[49.9, 61.8]	24.7	[19.9, 30.1]	18.5	[14.2, 23.8]	0.8	[0.2, 4.2]	100.0
Pearson: Uncorrected chi2(3) =	22.9409								
Design-based F(2.96, 5181.51) =	4.0198	Pr =	0.007						
Age									
19-34 (n=641)	60.3	[55.3, 65.0]	20.9	[17.1, 25.4]	17.9	[14.5, 22.0]	0.8	[0.4, 1.8]	100.0
35-50 (n=567)	65.9	[60.6, 70.8]	20.6	[16.6, 25.2]	13.1	[9.7, 17.5]	0.4	[0.1, 1.4]	100.0
51-64 (n=554)	72.0	[67.0, 76.5]	10.0	[7.6, 13.1]	16.5	[12.8, 21.2]	1.5	[0.5, 4.4]	100.0
Pearson: Uncorrected chi2(6) =	33.3957								
Design-based F(5.60, 9807.17) =	3.8095	Pr =	0.001						
Gender									
Male (n=695)	64.4	[59.6, 69.0]	17.3	[14.0, 21.2]	17.9	[14.2, 22.2]	0.4	[0.2, 1.1]	100.0
Female (n=1,067)	65.1	[61.3, 68.7]	19.3	[16.2, 22.8]	14.4	[12.1, 17.1]	1.2	[0.6, 2.4]	100.0
Pearson: Uncorrected chi2(3) =	7.2333								
Design-based F(2.84, 4970.91) =	1.5749	Pr =	0.196						
Race/ethnicity									
White, non-Hispanic (n=1,149)	63.6	[60.0, 67.2]	17.5	[14.8, 20.7]	17.8	[15.2, 20.8]	1.0	[0.5, 2.1]	100.0
Black, non-Hispanic (n=370)	67.9	[61.2, 74.0]	16.6	[12.5, 21.8]	14.9	[10.2, 21.3]	0.6	[0.2, 1.8]	100.0
Hispanic (n=88)	54.9	[41.8, 67.4]	32.1	[20.2, 46.8]	13.0	[7.1, 22.6]	0.0		100.0
Other, non-Hispanic (n=135)	70.6	[60.9, 78.7]	18.8	[12.4, 27.5]	9.4	[5.0, 16.7]	1.3	[0.3, 5.2]	100.0
Pearson: Uncorrected chi2(9) =	25.0294								
Design-based F(8.24, 14254.33) =	1.6985	Pr =	0.091						
FPL category									
0-35% (n=485)	66.5	[60.6, 71.9]	18.2	[13.9, 23.4]	14.8	[11.0, 19.7]	0.5	[0.2, 1.3]	100.0
36-99% (n=723)	66.1	[61.8, 70.2]	15.2	[12.5, 18.5]	17.3	[14.1, 21.0]	1.4	[0.6, 3.3]	100.0
100%+ (n=554)	60.3	[55.4, 65.0]	22.8	[18.9, 27.3]	16.2	[12.9, 20.1]	0.7	[0.2, 1.9]	100.0
Pearson: Uncorrected chi2(6) =	14.2342								
Design-based F(5.35, 9362.72) =	1.6427	Pr =	0.140						
Region									
UP/NW/NE (n=323)	67.7	[61.7, 73.1]	15.6	[11.7, 20.6]	15.9	[11.9, 20.9]	0.8	[0.2, 2.8]	100.0
W/E Central/E (n=533)	62.8	[57.9, 67.5]	19.0	[15.5, 23.1]	17.6	[14.0, 22.0]	0.5	[0.2, 1.4]	100.0
S Central/SW/SE (n=366)	66.7	[60.9, 72.1]	17.5	[13.5, 22.3]	14.5	[10.7, 19.2]	1.3	[0.5, 3.3]	100.0
Detroit Metro (n=540)	64.6	[59.0, 69.8]	18.9	[14.8, 23.8]	15.7	[12.0, 20.2]	0.8	[0.3, 2.5]	100.0
Pearson: Uncorrected chi2(9) =	4.6849								
Design-based F(7.59, 13283.17) =	0.4321	Pr =	0.895						
Chronic condition (2016/2017 survey or DW)									
Yes (n=1,299)	67.8	[64.2, 71.2]	17.3	[14.6, 20.3]	14.2	[11.7, 17.1]	0.7	[0.4, 1.3]	100.0
No (n=463)	57.1	[51.5, 62.5]	21.1	[16.9, 26.0]	20.6	[16.6, 25.3]	1.3	[0.4, 3.7]	100.0
Pearson: Uncorrected chi2(3) =	19.7834								
Design-based F(2.99, 5235.38) =	4.0413	Pr =	0.007						
Total (n=1,762)	64.8	[61.8, 67.7]	18.4	[16.1, 20.9]	16.0	[13.9, 18.4]	0.8	[0.5, 1.5]	100.0

0.8 Q: The Healthy Michigan Plan helped me get a better job.

Follow-up group(s): Still enrolled, No longer enrolled

Universe: Respondents who are employed/self-employed and have changed jobs in the last 12 months (n = 366)

	HMP helped me get a better job								Total Row%
	Yes Row%	95%CI	No Row%	95%CI	NA Row%	95%CI	Don't know Row%	95%CI	
Follow-up group									
Still enrolled (n=246)	31.9	[24.7, 40.0]	45.8	[37.9, 53.9]	19.0	[14.0, 25.2]	3.3	[1.3, 8.2]	100.0
No longer enrolled (n=118)	19.6	[12.1, 30.0]	51.5	[41.0, 61.9]	28.9	[20.5, 39.1]	0.0		100.0
Pearson: Uncorrected chi2(3) = Design-based F(2.94, 1036.53) =	12.4528 2.6384	Pr =	0.049						
Age									
19-34 (n=195)	24.1	[17.4, 32.5]	44.4	[36.0, 53.0]	28.6	[22.1, 36.2]	2.9	[0.9, 8.7]	100.0
35-50 (n=106)	32.5	[21.9, 45.3]	54.6	[42.4, 66.2]	10.9	[6.5, 17.8]	2.0	[0.4, 8.7]	100.0
51-64 (n=63)	34.5	[20.6, 51.7]	47.5	[32.3, 63.1]	18.0	[8.3, 34.9]	0.0		100.0
Pearson: Uncorrected chi2(6) = Design-based F(5.68, 1998.15) =	15.8234 1.8117	Pr =	0.097						
Gender									
Male (n=146)	34.1	[25.3, 44.3]	36.3	[27.4, 46.2]	26.0	[18.6, 35.1]	3.6	[1.1, 10.8]	100.0
Female (n=218)	22.5	[16.0, 30.6]	57.4	[49.1, 65.3]	19.0	[14.0, 25.2]	1.1	[0.3, 4.4]	100.0
Pearson: Uncorrected chi2(3) = Design-based F(2.96, 1042.93) =	17.2728 3.9569	Pr =	0.008						
Race/ethnicity									
White, non-Hispanic (n=239)	27.6	[20.6, 35.8]	45.1	[37.4, 53.1]	26.1	[20.0, 33.1]	1.3	[0.4, 4.1]	100.0
Black, non-Hispanic (n=76)	26.0	[15.8, 39.5]	52.9	[39.7, 65.8]	18.4	[10.1, 30.9]	2.7	[0.7, 10.6]	100.0
Hispanic (n=17)	25.4	[8.6, 55.1]	50.0	[23.1, 76.9]	24.6	[9.1, 51.4]	0.0		100.0
Other, non-Hispanic (n=29)	36.7	[19.3, 58.3]	45.6	[26.4, 66.3]	10.3	[3.7, 25.7]	7.4	[1.0, 37.5]	100.0
Pearson: Uncorrected chi2(9) = Design-based F(8.11, 2830.50) =	13.2548 0.8452	Pr =	0.564						
FPL category									
0-35% (n=104)	31.5	[21.0, 44.3]	49.6	[37.4, 61.7]	15.8	[9.7, 24.7]	3.1	[0.7, 12.7]	100.0
36-99% (n=149)	24.4	[17.6, 32.7]	49.2	[40.1, 58.3]	25.6	[18.2, 34.7]	0.9	[0.1, 5.9]	100.0
100%+ (n=111)	26.9	[18.2, 37.8]	42.5	[32.5, 53.1]	27.8	[19.4, 38.2]	2.8	[0.9, 8.6]	100.0
Pearson: Uncorrected chi2(6) = Design-based F(5.68, 2000.03) =	8.2773 1.0048	Pr =	0.418						
Region									
UP/NW/NE (n=62)	35.5	[23.2, 50.1]	41.5	[28.9, 55.4]	22.9	[13.7, 35.8]	0.0		100.0
W/E Central/E (n=105)	25.5	[17.3, 35.9]	44.8	[34.6, 55.5]	29.1	[20.6, 39.4]	0.6	[0.1, 4.3]	100.0
S Central/SW/SE (n=93)	32.1	[21.4, 45.0]	46.5	[35.0, 58.4]	20.2	[12.8, 30.4]	1.2	[0.2, 8.0]	100.0
Detroit Metro (n=104)	25.1	[15.6, 37.7]	51.8	[39.6, 63.8]	18.5	[11.4, 28.6]	4.7	[1.5, 13.4]	100.0
Pearson: Uncorrected chi2(9) = Design-based F(7.74, 2722.82) =	11.9355 1.0880	Pr =	0.368						
Chronic condition (2016/2017 survey or DW)									
Yes (n=263)	29.2	[22.4, 37.0]	48.3	[40.6, 56.0]	19.4	[14.6, 25.4]	3.1	[1.2, 7.7]	100.0
No (n=101)	24.5	[15.9, 35.9]	46.0	[35.0, 57.4]	29.5	[20.2, 40.8]	0.0		100.0
Pearson: Uncorrected chi2(3) = Design-based F(2.96, 1040.31) =	7.1822 1.5349	Pr =	0.204						
Total (n=364)	27.9	[22.3, 34.2]	47.6	[41.2, 54.1]	22.2	[17.8, 27.5]	2.3	[0.9, 5.6]	100.0

Note: Total count is less than universe count due to item non-response.

0.9 Q: The Healthy Michigan Plan has made me better able to look for a job.

Follow-up group(s): Still enrolled, No longer enrolled

Universe: Respondents who are out of work (n = 374)

	Yes		No		HMP made me better able to look for a job NA		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group									
Still enrolled (n=315)	48.6	[41.8, 55.5]	16.8	[12.0, 23.1]	32.2	[25.7, 39.5]	2.4	[1.0, 5.5]	100.0
No longer enrolled (n=59)	37.8	[24.7, 53.1]	26.0	[14.7, 41.7]	32.6	[20.8, 47.1]	3.5	[0.5, 21.2]	100.0
Pearson: Uncorrected chi2(3) =	3.7483								
Design-based F(2.92, 1058.41) =	0.7927	Pr =	0.495						
Age									
19-34 (n=129)	42.0	[32.3, 52.3]	19.7	[11.9, 30.8]	36.8	[27.3, 47.5]	1.5	[0.3, 6.3]	100.0
35-50 (n=128)	47.5	[37.1, 58.0]	15.6	[9.7, 24.1]	33.8	[23.7, 45.8]	3.1	[0.9, 10.3]	100.0
51-64 (n=117)	55.4	[44.6, 65.7]	19.7	[12.1, 30.4]	21.2	[14.2, 30.4]	3.7	[0.9, 13.7]	100.0
Pearson: Uncorrected chi2(6) =	8.3743								
Design-based F(5.73, 2074.84) =	0.9498	Pr =	0.455						
Gender									
Male (n=188)	48.5	[39.9, 57.1]	20.0	[13.3, 28.8]	28.2	[20.7, 37.2]	3.3	[1.3, 8.2]	100.0
Female (n=186)	44.8	[36.2, 53.7]	15.8	[10.9, 22.4]	37.9	[29.3, 47.4]	1.5	[0.3, 6.2]	100.0
Pearson: Uncorrected chi2(3) =	5.0265								
Design-based F(2.97, 1075.04) =	1.1580	Pr =	0.325						
Race/ethnicity									
White, non-Hispanic (n=233)	42.4	[34.9, 50.3]	20.9	[14.6, 29.0]	34.0	[26.1, 42.9]	2.7	[1.1, 6.9]	100.0
Black, non-Hispanic (n=104)	52.8	[41.6, 63.8]	11.8	[6.2, 21.3]	32.4	[22.8, 43.8]	2.9	[0.7, 11.2]	100.0
Hispanic (n=14)	63.9	[35.3, 85.2]	4.1	[0.5, 24.7]	32.0	[12.1, 61.7]	0.0		100.0
Other, non-Hispanic (n=21)	53.3	[28.5, 76.6]	35.2	[14.6, 63.2]	11.5	[3.4, 32.5]	0.0		100.0
Pearson: Uncorrected chi2(9) =	14.6783								
Design-based F(8.10, 2914.61) =	1.2640	Pr =	0.257						
FPL category									
0-35% (n=233)	48.4	[40.8, 56.2]	18.4	[12.8, 25.7]	30.8	[23.7, 39.1]	2.3	[0.8, 6.4]	100.0
36-99% (n=85)	46.0	[34.2, 58.3]	16.7	[9.6, 27.3]	35.4	[24.0, 48.8]	1.9	[0.4, 8.5]	100.0
100%+ (n=56)	38.0	[25.1, 52.9]	19.4	[8.8, 37.5]	37.5	[24.3, 52.8]	5.1	[1.0, 21.5]	100.0
Pearson: Uncorrected chi2(6) =	2.8093								
Design-based F(5.67, 2052.33) =	0.4162	Pr =	0.859						
Region									
UP/NW/NE (n=52)	66.8	[51.6, 79.2]	9.8	[4.5, 20.2]	22.2	[12.2, 37.0]	1.1	[0.2, 7.9]	100.0
W/E Central/E (n=125)	52.9	[42.7, 62.9]	12.1	[7.2, 19.6]	32.8	[23.3, 43.9]	2.2	[0.5, 9.0]	100.0
S Central/SW/SE (n=77)	39.8	[28.5, 52.2]	25.1	[15.3, 38.5]	33.1	[22.4, 45.8]	2.0	[0.5, 8.2]	100.0
Detroit Metro (n=120)	43.1	[33.2, 53.5]	20.7	[13.0, 31.2]	33.1	[23.6, 44.2]	3.1	[1.0, 9.5]	100.0
Pearson: Uncorrected chi2(9) =	10.8637								
Design-based F(7.31, 2646.50) =	1.1825	Pr =	0.308						
Chronic condition (2016/2017 survey or DW)									
Yes (n=296)	48.2	[41.2, 55.3]	17.8	[12.7, 24.4]	31.1	[24.7, 38.4]	2.8	[1.2, 6.6]	100.0
No (n=78)	43.0	[30.6, 56.3]	19.4	[10.7, 32.8]	35.8	[23.4, 50.5]	1.7	[0.2, 11.4]	100.0
Pearson: Uncorrected chi2(3) =	1.3000								
Design-based F(2.97, 1075.23) =	0.2533	Pr =	0.857						
Total (n=374)	46.9	[40.8, 53.2]	18.2	[13.6, 24.0]	32.3	[26.4, 38.8]	2.6	[1.2, 5.6]	100.0

0.10 Q: What is the highest grade of school you have completed, or the highest degree you have received?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Highest level of education												Total Row%
	Less than high school		High school graduate		Some college		Associate's degree		Bachelor's degree		Post graduate degree		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group													
Still enrolled (n=2,383)	10.8	[9.4, 12.3]	41.3	[38.7, 43.9]	23.4	[21.1, 25.8]	13.2	[11.6, 15.0]	9.5	[8.0, 11.1]	1.9	[1.4, 2.5]	100.0
No longer enrolled (n=707)	12.4	[9.5, 16.0]	37.9	[33.6, 42.5]	21.1	[17.6, 25.0]	12.0	[9.3, 15.2]	11.3	[8.9, 14.3]	5.3	[3.2, 8.6]	100.0
Pearson: Uncorrected chi2(5) =	30.4602												
Design-based F(4.95, 15232.77) =	3.7251		Pr = 0.002										
Age													
19-34 (n=909)	7.8	[5.9, 10.2]	36.3	[32.4, 40.4]	27.7	[24.1, 31.6]	14.9	[12.4, 17.8]	10.5	[8.3, 13.3]	2.8	[1.7, 4.8]	100.0
35-50 (n=964)	13.1	[10.9, 15.8]	41.1	[37.2, 45.1]	20.9	[17.8, 24.4]	12.6	[10.1, 15.6]	9.6	[7.5, 12.2]	2.7	[1.7, 4.4]	100.0
51-64 (n=1,217)	13.3	[11.2, 15.8]	45.4	[42.0, 48.8]	18.8	[16.3, 21.7]	10.6	[8.6, 13.0]	9.5	[7.7, 11.6]	2.4	[1.6, 3.5]	100.0
Pearson: Uncorrected chi2(10) =	57.7904												
Design-based F(9.54, 29352.76) =	3.6883		Pr = 0.000										
Gender													
Male (n=1,226)	12.7	[10.6, 15.1]	41.6	[38.1, 45.2]	22.8	[19.9, 26.1]	10.7	[8.8, 13.0]	9.3	[7.5, 11.5]	2.9	[1.8, 4.7]	100.0
Female (n=1,864)	9.8	[8.4, 11.5]	39.6	[36.8, 42.4]	22.9	[20.4, 25.5]	14.9	[12.9, 17.1]	10.4	[8.8, 12.4]	2.4	[1.8, 3.3]	100.0
Pearson: Uncorrected chi2(5) =	18.5199												
Design-based F(4.96, 15277.41) =	2.2391		Pr = 0.048										
Race/ethnicity													
White, non-Hispanic (n=2,056)	9.0	[7.6, 10.5]	41.6	[38.8, 44.3]	22.2	[19.9, 24.6]	13.8	[11.9, 15.8]	11.0	[9.3, 12.9]	2.5	[1.7, 3.7]	100.0
Black, non-Hispanic (n=633)	13.5	[10.5, 17.1]	43.2	[38.5, 48.2]	20.9	[17.1, 25.3]	11.4	[8.8, 14.6]	8.3	[6.0, 11.4]	2.7	[1.5, 4.8]	100.0
Hispanic (n=136)	21.5	[14.8, 30.1]	23.0	[16.1, 31.9]	35.5	[25.6, 46.8]	9.3	[5.3, 15.9]	7.8	[4.5, 13.3]	2.9	[1.1, 7.7]	100.0
Other, non-Hispanic (n=226)	13.7	[9.7, 19.1]	36.8	[29.3, 45.0]	24.9	[18.2, 33.2]	13.8	[9.0, 20.5]	7.2	[4.4, 11.5]	3.5	[1.5, 7.9]	100.0
Pearson: Uncorrected chi2(15) =	66.5880												
Design-based F(14.32, 43512.20) =	2.7761		Pr = 0.000										
FPL category													
0-35% (n=1,215)	12.8	[10.8, 15.1]	43.9	[40.3, 47.4]	20.6	[17.8, 23.8]	12.0	[9.8, 14.5]	8.3	[6.5, 10.5]	2.5	[1.5, 4.1]	100.0
36-99% (n=1,082)	10.6	[8.7, 13.0]	36.4	[33.1, 39.8]	25.0	[21.8, 28.5]	13.5	[11.4, 16.0]	11.5	[9.4, 14.1]	2.9	[1.9, 4.3]	100.0
100%+ (n=793)	7.6	[5.8, 10.0]	37.5	[33.7, 41.4]	25.7	[22.0, 29.7]	14.6	[12.0, 17.6]	11.9	[9.5, 14.7]	2.8	[1.8, 4.3]	100.0
Pearson: Uncorrected chi2(10) =	39.8241												
Design-based F(9.43, 29016.40) =	2.9216		Pr = 0.002										
Region													
UP/NW/NE (n=574)	10.0	[7.5, 13.1]	46.3	[41.7, 51.0]	19.2	[15.8, 23.1]	12.5	[9.8, 15.8]	9.6	[7.2, 12.7]	2.4	[1.5, 3.9]	100.0
W/E Central/E (n=979)	11.8	[9.8, 14.2]	39.6	[36.2, 43.2]	24.1	[20.9, 27.6]	13.4	[11.2, 16.0]	8.8	[7.0, 11.0]	2.3	[1.4, 3.7]	100.0
S Central/SW/SE (n=630)	10.1	[7.8, 13.0]	36.9	[32.6, 41.4]	24.3	[20.5, 28.5]	13.4	[10.5, 17.0]	10.9	[8.5, 13.8]	4.5	[2.4, 8.1]	100.0
Detroit Metro (n=907)	11.4	[9.2, 14.0]	41.5	[37.4, 45.6]	22.2	[18.9, 25.9]	12.4	[10.0, 15.3]	10.3	[8.1, 13.1]	2.2	[1.4, 3.6]	100.0
Pearson: Uncorrected chi2(15) =	20.1581												
Design-based F(12.80, 39401.44) =	1.0597		Pr = 0.390										
Chronic condition (2016/2017 survey or DW)													
Yes (n=2,463)	12.6	[11.1, 14.3]	41.8	[39.3, 44.3]	21.9	[19.8, 24.2]	12.7	[11.1, 14.5]	8.8	[7.5, 10.4]	2.1	[1.5, 2.9]	100.0
No (n=627)	6.3	[4.5, 8.8]	36.4	[31.8, 41.2]	25.9	[21.7, 30.6]	13.5	[10.6, 17.1]	13.4	[10.6, 16.8]	4.5	[2.6, 7.5]	100.0
Pearson: Uncorrected chi2(5) =	50.9026												
Design-based F(4.91, 15125.22) =	5.9068		Pr = 0.000										
Total (n=3,090)	11.2	[9.9, 12.6]	40.5	[38.3, 42.8]	22.8	[20.9, 24.9]	12.9	[11.5, 14.5]	9.9	[8.6, 11.3]	2.7	[2.0, 3.5]	100.0

Note: Total count is less than universe count due to item non-response.

0.11 Q: In the past 3 years, how many places have you lived for one week or longer (including where you live now)?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Number of places lived in past 3 years										Total Row%
	One		Two		Three		Four or more		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group											
Still enrolled (n=2,385)	70.1	[67.7, 72.4]	19.3	[17.4, 21.4]	6.5	[5.3, 8.0]	4.0	[3.0, 5.2]	0.1	[0.0, 0.3]	100.0
No longer enrolled (n=709)	58.1	[53.4, 62.7]	24.2	[20.4, 28.5]	10.3	[7.5, 14.0]	7.4	[5.0, 10.6]	0.0		100.0
Pearson: Uncorrected chi2(4) =	42.7068										
Design-based F(3.73, 11498.82) =	6.4671	Pr =	0.000								
Age											
19-34 (n=909)	57.5	[53.4, 61.5]	25.5	[22.1, 29.1]	10.0	[7.7, 12.8]	7.1	[5.1, 9.7]	0.0		100.0
35-50 (n=966)	70.9	[67.2, 74.4]	18.2	[15.4, 21.3]	6.7	[4.8, 9.3]	4.1	[2.8, 6.0]	0.1	[0.0, 0.7]	100.0
51-64 (n=1,219)	76.0	[72.9, 78.9]	16.6	[14.1, 19.4]	4.7	[3.3, 6.7]	2.5	[1.7, 3.8]	0.1	[0.0, 0.5]	100.0
Pearson: Uncorrected chi2(8) =	95.7932										
Design-based F(7.29, 22468.11) =	8.2791	Pr =	0.000								
Gender											
Male (n=1,227)	66.6	[63.1, 69.9]	20.4	[17.7, 23.4]	8.2	[6.3, 10.7]	4.8	[3.4, 6.8]	0.0		100.0
Female (n=1,867)	68.0	[65.2, 70.6]	20.5	[18.3, 23.0]	6.7	[5.3, 8.3]	4.7	[3.6, 6.2]	0.1	[0.0, 0.4]	100.0
Pearson: Uncorrected chi2(4) =	4.2815										
Design-based F(3.75, 11553.66) =	0.6551	Pr =	0.613								
Race/ethnicity											
White, non-Hispanic (n=2,057)	68.0	[65.2, 70.6]	20.8	[18.5, 23.2]	7.2	[5.7, 9.1]	3.9	[2.9, 5.3]	0.1	[0.0, 0.4]	100.0
Black, non-Hispanic (n=632)	67.1	[62.3, 71.5]	20.4	[16.9, 24.4]	6.5	[4.4, 9.5]	5.9	[3.8, 9.0]	0.1	[0.0, 0.6]	100.0
Hispanic (n=138)	66.9	[56.7, 75.6]	17.8	[11.3, 26.7]	7.4	[3.9, 13.8]	8.0	[3.6, 16.8]	0.0		100.0
Other, non-Hispanic (n=228)	64.5	[56.6, 71.7]	20.9	[15.3, 27.8]	10.3	[6.2, 16.5]	4.3	[2.0, 9.0]	0.0		100.0
Pearson: Uncorrected chi2(12) =	13.5293										
Design-based F(11.23, 34185.59) =	0.6860	Pr =	0.757								
FPL category											
0-35% (n=1,216)	65.5	[62.0, 68.9]	21.3	[18.5, 24.4]	7.4	[5.6, 9.6]	5.7	[4.2, 7.6]	0.1	[0.0, 0.5]	100.0
36-99% (n=1,084)	69.6	[66.2, 72.7]	19.1	[16.6, 22.0]	8.5	[6.5, 11.1]	2.7	[1.9, 4.1]	0.0		100.0
100%+ (n=794)	68.9	[64.8, 72.7]	20.2	[17.2, 23.5]	5.8	[4.0, 8.4]	5.2	[3.1, 8.4]	0.0		100.0
Pearson: Uncorrected chi2(8) =	18.6679										
Design-based F(6.74, 20782.80) =	1.7950	Pr =	0.086								
Region											
UP/NW/NE (n=574)	71.9	[67.5, 75.9]	18.7	[15.4, 22.5]	5.9	[4.0, 8.8]	3.5	[2.2, 5.5]	0.0		100.0
W/E Central/E (n=980)	70.0	[66.4, 73.3]	19.2	[16.5, 22.2]	6.5	[4.8, 8.8]	4.2	[2.7, 6.4]	0.2	[0.0, 0.8]	100.0
S Central/SW/SE (n=632)	60.3	[55.6, 64.8]	25.8	[21.9, 30.1]	8.6	[5.9, 12.5]	5.3	[3.5, 7.8]	0.0		100.0
Detroit Metro (n=908)	67.5	[63.5, 71.3]	19.5	[16.4, 22.9]	7.8	[5.8, 10.3]	5.2	[3.6, 7.5]	0.0		100.0
Pearson: Uncorrected chi2(12) =	25.6785										
Design-based F(9.26, 28543.46) =	1.7919	Pr =	0.062								
Chronic condition (2016/2017 survey or DW)											
Yes (n=2,467)	68.6	[66.2, 70.9]	19.6	[17.7, 21.7]	6.7	[5.5, 8.2]	5.0	[3.9, 6.4]	0.1	[0.0, 0.3]	100.0
No (n=627)	63.1	[58.1, 67.9]	23.4	[19.4, 27.9]	9.6	[6.7, 13.6]	3.9	[2.2, 6.7]	0.0		100.0
Pearson: Uncorrected chi2(4) =	14.4924										
Design-based F(3.68, 11354.47) =	2.0247	Pr =	0.094								
Total (n=3,094)	67.3	[65.1, 69.4]	20.5	[18.7, 22.4]	7.4	[6.2, 8.8]	4.8	[3.8, 5.9]	0.1	[0.0, 0.2]	100.0

Note: Total count is less than universe count due to item non-response.

0.12 Q: Have you been homeless at any time in the last 12 months?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Homeless in the last 12 months				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Follow-up group					
Still enrolled (n=2,382)	7.6	[6.2, 9.2]	92.4	[90.8, 93.8]	100.0
No longer enrolled (n=707)	8.8	[6.3, 12.2]	91.2	[87.8, 93.7]	100.0
Pearson: Uncorrected chi2(1) =	1.1505				
Design-based F(1.00, 3077.00) =	0.5876	Pr =	0.443		
Age					
19-34 (n=909)	7.3	[5.4, 9.9]	92.7	[90.1, 94.6]	100.0
35-50 (n=964)	8.9	[6.7, 11.7]	91.1	[88.3, 93.3]	100.0
51-64 (n=1,216)	7.4	[5.6, 9.7]	92.6	[90.3, 94.4]	100.0
Pearson: Uncorrected chi2(2) =	2.3372				
Design-based F(1.96, 6044.49) =	0.6193	Pr =	0.536		
Gender					
Male (n=1,226)	9.6	[7.6, 12.0]	90.4	[88.0, 92.4]	100.0
Female (n=1,863)	6.4	[5.0, 8.1]	93.6	[91.9, 95.0]	100.0
Pearson: Uncorrected chi2(1) =	11.1062				
Design-based F(1.00, 3077.00) =	5.8073	Pr =	0.016		
Race/ethnicity					
White, non-Hispanic (n=2,052)	5.5	[4.3, 7.1]	94.5	[92.9, 95.7]	100.0
Black, non-Hispanic (n=633)	11.5	[8.7, 15.1]	88.5	[84.9, 91.3]	100.0
Hispanic (n=137)	11.0	[5.5, 20.8]	89.0	[79.2, 94.5]	100.0
Other, non-Hispanic (n=228)	10.5	[6.4, 16.9]	89.5	[83.1, 93.6]	100.0
Pearson: Uncorrected chi2(3) =	33.9750				
Design-based F(2.99, 9085.14) =	5.5657	Pr =	0.001		
FPL category					
0-35% (n=1,211)	10.8	[8.7, 13.2]	89.2	[86.8, 91.3]	100.0
36-99% (n=1,083)	5.1	[3.7, 7.0]	94.9	[93.0, 96.3]	100.0
100%+ (n=795)	4.3	[2.7, 6.8]	95.7	[93.2, 97.3]	100.0
Pearson: Uncorrected chi2(2) =	38.8194				
Design-based F(1.98, 6095.77) =	12.5329	Pr =	0.000		
Region					
UP/NW/NE (n=573)	3.9	[2.5, 6.0]	96.1	[94.0, 97.5]	100.0
W/E Central/E (n=978)	6.1	[4.5, 8.2]	93.9	[91.8, 95.5]	100.0
S Central/SW/SE (n=632)	9.7	[7.3, 12.9]	90.3	[87.1, 92.7]	100.0
Detroit Metro (n=906)	9.2	[7.0, 12.0]	90.8	[88.0, 93.0]	100.0
Pearson: Uncorrected chi2(3) =	15.9165				
Design-based F(2.55, 7852.87) =	4.0228	Pr =	0.011		
Chronic condition (2016/2017 survey or DW)					
Yes (n=2,462)	8.3	[6.9, 9.9]	91.7	[90.1, 93.1]	100.0
No (n=627)	6.6	[4.2, 10.2]	93.4	[89.8, 95.8]	100.0
Pearson: Uncorrected chi2(1) =	2.1785				
Design-based F(1.00, 3077.00) =	0.8716	Pr =	0.351		
Total (n=3,089)	7.9	[6.7, 9.3]	92.1	[90.7, 93.3]	100.0

Note: Total count is less than universe count due to item non-response.

- 1 Aim 1: To describe changes over time in health and functional status for HMP enrollees, particularly those with chronic conditions or other indicators of poorer health.**

1.1 Q: In general, would you say your health is...

Follow-up group(s): Still enrolled, No longer enrolled

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	
Follow-up group													
Still enrolled (n=2,388)	9.8	[8.2, 11.6]	25.9	[23.6, 28.3]	37.2	[34.7, 39.7]	21.3	[19.3, 23.5]	5.8	[4.8, 7.0]	0.0		100.0
No longer enrolled (n=709)	10.3	[7.7, 13.8]	28.4	[24.2, 33.0]	34.7	[30.6, 39.0]	19.6	[16.3, 23.4]	6.8	[4.7, 9.7]	0.2	[0.0, 1.4]	100.0
Pearson: Uncorrected chi2(5) =	8.9170												
Design-based F(4.94, 15240.44) =	1.0928	Pr =	0.362										
Age													
19-34 (n=909)	13.9	[11.2, 17.2]	34.3	[30.4, 38.4]	35.8	[32.0, 39.7]	13.4	[10.9, 16.3]	2.5	[1.4, 4.3]	0.1	[0.0, 0.9]	100.0
35-50 (n=969)	7.5	[5.5, 10.2]	21.7	[18.5, 25.2]	38.7	[34.9, 42.6]	24.8	[21.6, 28.4]	7.3	[5.6, 9.4]	0.0		100.0
51-64 (n=1,219)	7.5	[5.6, 9.8]	21.8	[19.1, 24.8]	35.2	[32.1, 38.5]	26.2	[23.3, 29.4]	9.2	[7.5, 11.4]	0.0		100.0
Pearson: Uncorrected chi2(10) =	170.8935												
Design-based F(9.55, 29458.68) =	10.4867	Pr =	0.000										
Gender													
Male (n=1,230)	11.4	[9.1, 14.1]	25.1	[22.0, 28.5]	34.9	[31.6, 38.3]	22.7	[19.9, 25.8]	5.8	[4.6, 7.5]	0.1	[0.0, 0.7]	100.0
Female (n=1,867)	8.6	[7.0, 10.5]	27.7	[25.1, 30.4]	38.1	[35.4, 40.9]	19.4	[17.3, 21.6]	6.2	[5.0, 7.7]	0.0		100.0
Pearson: Uncorrected chi2(5) =	16.1943												
Design-based F(4.90, 15128.04) =	1.9755	Pr =	0.080										
Race/ethnicity													
White, non-Hispanic (n=2,058)	8.0	[6.4, 9.8]	26.8	[24.3, 29.4]	37.3	[34.7, 40.0]	21.7	[19.5, 24.0]	6.2	[5.0, 7.6]	0.1	[0.0, 0.6]	100.0
Black, non-Hispanic (n=634)	13.7	[10.5, 17.7]	26.3	[21.9, 31.1]	34.0	[29.6, 38.6]	21.6	[18.0, 25.7]	4.5	[2.9, 6.7]	0.0		100.0
Hispanic (n=138)	8.8	[4.7, 15.6]	21.2	[14.7, 29.6]	48.5	[38.5, 58.7]	13.4	[8.6, 20.2]	8.1	[3.8, 16.7]	0.0		100.0
Other, non-Hispanic (n=228)	13.1	[8.0, 20.6]	27.9	[21.2, 35.7]	34.2	[27.0, 42.2]	16.4	[11.5, 22.9]	8.4	[5.5, 12.8]	0.0		100.0
Pearson: Uncorrected chi2(15) =	46.9753												
Design-based F(14.24, 43372.96) =	1.8645	Pr =	0.024										
FPL category													
0-35% (n=1,218)	10.3	[8.1, 13.0]	22.0	[19.0, 25.4]	35.2	[31.9, 38.7]	24.4	[21.6, 27.4]	7.9	[6.4, 9.8]	0.1	[0.0, 0.6]	100.0
36-99% (n=1,084)	9.7	[7.7, 12.1]	29.7	[26.3, 33.4]	37.5	[34.2, 41.0]	19.1	[16.6, 22.0]	3.9	[2.9, 5.2]	0.0		100.0
100%+ (n=795)	9.1	[6.9, 11.9]	33.5	[29.8, 37.5]	38.9	[35.0, 43.0]	14.3	[11.7, 17.4]	4.1	[2.9, 5.8]	0.0		100.0
Pearson: Uncorrected chi2(10) =	74.6929												
Design-based F(8.78, 27090.95) =	6.1038	Pr =	0.000										
Region													
UP/NW/NE (n=574)	7.5	[5.3, 10.5]	24.9	[21.2, 29.0]	40.5	[36.0, 45.2]	20.1	[16.7, 24.0]	7.0	[5.0, 9.6]	0.0		100.0
W/E Central/E (n=980)	6.4	[4.9, 8.4]	24.0	[21.0, 27.2]	38.8	[35.4, 42.4]	24.1	[21.1, 27.4]	6.7	[5.2, 8.6]	0.0		100.0
S Central/SW/SE (n=633)	7.4	[5.2, 10.4]	27.2	[23.1, 31.6]	39.6	[35.2, 44.2]	19.3	[16.1, 22.9]	6.3	[4.4, 9.0]	0.3	[0.0, 1.8]	100.0
Detroit Metro (n=910)	13.9	[11.2, 17.2]	28.2	[24.6, 32.2]	32.9	[29.2, 36.9]	19.6	[16.7, 22.9]	5.3	[3.8, 7.2]	0.0		100.0
Pearson: Uncorrected chi2(15) =	66.0116												
Design-based F(12.35, 38114.45) =	3.8778	Pr =	0.000										
Chronic condition (2016/2017 survey or DW)													
Yes (n=2,469)	6.3	[5.0, 7.8]	22.2	[20.0, 24.5]	38.9	[36.5, 41.4]	25.1	[23.0, 27.3]	7.5	[6.3, 8.7]	0.1	[0.0, 0.4]	100.0
No (n=628)	21.9	[18.0, 26.5]	40.5	[35.8, 45.4]	29.0	[25.0, 33.4]	7.1	[5.0, 10.0]	1.4	[0.4, 4.2]	0.0		100.0
Pearson: Uncorrected chi2(5) =	341.4838												
Design-based F(4.56, 14081.56) =	33.7512	Pr =	0.000										
Total (n=3,097)	9.9	[8.5, 11.5]	26.5	[24.4, 28.6]	36.6	[34.5, 38.8]	20.9	[19.2, 22.8]	6.0	[5.1, 7.1]	0.0	[0.0, 0.3]	100.0

1.2 Q: For how many days during the past 30 days was your physical health not good?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Number of days physical health not good			N
	Mean	SE	95%CI	
Follow-up group				
Still enrolled	5.6	0.23	[5.1, 6.0]	2,375
No longer enrolled	5.8	0.43	[5.0, 6.7]	702
Age				
19-34	3.0	0.25	[2.5, 3.5]	902
35-50	6.9	0.41	[6.1, 7.7]	964
51-64	7.6	0.36	[6.9, 8.3]	1,211
Gender				
Male	5.3	0.31	[4.7, 5.9]	1,223
Female	6.0	0.27	[5.4, 6.5]	1,854
Race/ethnicity				
White, non-Hispanic	6.1	0.26	[5.6, 6.6]	2,042
Black, non-Hispanic	4.4	0.37	[3.6, 5.1]	633
Hispanic	5.5	0.98	[3.6, 7.4]	136
Other, non-Hispanic	6.3	0.80	[4.7, 7.9]	227
FPL category				
0-35%	6.3	0.33	[5.7, 7.0]	1,212
36-9%	5.0	0.30	[4.4, 5.6]	1,077
≥ 100%	4.8	0.35	[4.1, 5.4]	788
Region				
UP/NW/NE	7.0	0.49	[6.1, 8.0]	571
W/E Central/E	6.6	0.36	[5.9, 7.3]	972
S Central/SW/SE	5.9	0.43	[5.1, 6.8]	629
Detroit Metro	4.6	0.33	[3.9, 5.2]	905
Chronic condition (2016 or 2017 survey and/or DW)				
Yes	6.8	0.25	[6.3, 7.3]	2450
No	1.9	0.29	[1.3, 2.5]	627
Total	5.7	0.20	[5.3, 6.0]	3,077

Note: Total count is less than universe count due to item non-response.

1.3 Q: In the past year, would you say your physical health has gotten better, stayed the same, or gotten worse?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Change in physical health status in the past year								Total Row%
	Gotten better Row%	95%CI	Stayed the same Row%	95%CI	Gotten worse Row%	95%CI	Don't know Row%	95%CI	
Follow-up group									
Still enrolled (n=2,388)	31.4	[29.0, 34.0]	54.5	[51.9, 57.1]	13.9	[12.4, 15.5]	0.2	[0.1, 0.5]	100.0
No longer enrolled (n=709)	23.8	[19.9, 28.1]	61.5	[56.8, 65.9]	14.7	[11.9, 18.2]	0.0		100.0
Pearson: Uncorrected chi2(3) =	17.2758								
Design-based F(2.95, 9116.09) =	3.8134	Pr =	0.010						
Age									
19-34 (n=909)	34.7	[30.8, 38.8]	58.9	[54.8, 62.9]	6.4	[4.8, 8.4]	0.0	[0.0, 0.2]	100.0
35-50 (n=969)	27.4	[23.9, 31.2]	55.4	[51.4, 59.3]	17.0	[14.4, 19.9]	0.2	[0.1, 1.0]	100.0
51-64 (n=1,219)	25.7	[22.7, 28.9]	53.4	[50.0, 56.8]	20.7	[18.1, 23.6]	0.2	[0.0, 1.2]	100.0
Pearson: Uncorrected chi2(6) =	104.5408								
Design-based F(5.31, 16366.65) =	13.0798	Pr =	0.000						
Gender									
Male (n=1,230)	33.0	[29.6, 36.6]	54.8	[51.2, 58.3]	12.2	[10.3, 14.4]	0.0		100.0
Female (n=1,867)	26.7	[24.2, 29.3]	57.4	[54.5, 60.1]	15.7	[13.9, 17.7]	0.3	[0.1, 0.8]	100.0
Pearson: Uncorrected chi2(3) =	22.0070								
Design-based F(2.94, 9084.92) =	4.8728	Pr =	0.002						
Race/ethnicity									
White, non-Hispanic (n=2,058)	27.1	[24.7, 29.7]	57.1	[54.3, 59.8]	15.6	[13.9, 17.6]	0.2	[0.0, 0.6]	100.0
Black, non-Hispanic (n=634)	35.2	[30.5, 40.3]	54.0	[49.0, 58.8]	10.6	[8.3, 13.6]	0.2	[0.0, 1.3]	100.0
Hispanic (n=138)	24.4	[16.2, 35.0]	61.4	[51.0, 70.8]	14.2	[9.0, 21.8]	0.0		100.0
Other, non-Hispanic (n=228)	33.8	[26.2, 42.5]	52.7	[44.5, 60.7]	13.5	[9.3, 19.2]	0.0		100.0
Pearson: Uncorrected chi2(9) =	28.7859								
Design-based F(8.65, 26334.87) =	1.9747	Pr =	0.040						
FPL category									
0-35% (n=1,218)	30.2	[26.9, 33.8]	54.4	[50.8, 57.9]	15.2	[13.1, 17.5]	0.3	[0.1, 0.8]	100.0
36-99% (n=1,084)	28.7	[25.5, 32.1]	58.1	[54.6, 61.6]	13.2	[11.1, 15.5]	0.0		100.0
100%+ (n=795)	29.5	[25.9, 33.4]	58.0	[53.9, 62.0]	12.4	[10.0, 15.3]	0.1	[0.0, 0.4]	100.0
Pearson: Uncorrected chi2(6) =	8.4180								
Design-based F(5.24, 16167.25) =	1.2177	Pr =	0.297						
Region									
UP/NW/NE (n=574)	26.3	[22.3, 30.7]	54.6	[49.9, 59.1]	19.0	[15.7, 22.9]	0.1	[0.0, 0.8]	100.0
W/E Central/E (n=980)	24.6	[21.7, 27.8]	59.3	[55.8, 62.8]	15.9	[13.4, 18.7]	0.2	[0.0, 1.2]	100.0
S Central/SW/SE (n=633)	30.9	[26.6, 35.5]	50.8	[46.2, 55.4]	18.1	[15.0, 21.8]	0.2	[0.0, 1.1]	100.0
Detroit Metro (n=910)	33.3	[29.4, 37.4]	56.5	[52.4, 60.6]	10.0	[8.1, 12.4]	0.1	[0.0, 0.8]	100.0
Pearson: Uncorrected chi2(9) =	49.3468								
Design-based F(7.77, 23980.01) =	4.7207	Pr =	0.000						
Chronic condition (2016/2017 survey or DW)									
Yes (n=2,469)	28.8	[26.5, 31.3]	53.5	[51.0, 56.1]	17.4	[15.8, 19.2]	0.2	[0.1, 0.5]	100.0
No (n=628)	32.3	[27.6, 37.3]	64.8	[59.7, 69.5]	2.9	[1.8, 4.9]	0.0		100.0
Pearson: Uncorrected chi2(3) =	98.2125								
Design-based F(2.92, 9018.58) =	20.4726	Pr =	0.000						
Total (n=3,097)	29.6	[27.5, 31.9]	56.1	[53.9, 58.4]	14.1	[12.7, 15.5]	0.1	[0.0, 0.4]	100.0

1.4 Q: For how many days during the past 30 days was your mental health not good?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Number of days mental health not good			N
	Mean	SE	95%CI	
Follow-up group				
Still enrolled	5.8	0.25	[5.3, 6.3]	2,364
No longer enrolled	6.0	0.48	[5.0, 6.9]	704
Age				
19-34	5.2	0.36	[4.5, 6.0]	898
35-50	6.8	0.43	[6.0, 7.7]	963
51-64	5.4	0.34	[4.7, 6.0]	1,207
Gender				
Male	5.1	0.33	[4.5, 5.8]	1,218
Female	6.4	0.29	[5.8, 7.0]	1,850
Race/ethnicity				
White, non-Hispanic	6.2	0.29	[5.6, 6.8]	2,038
Black, non-Hispanic	4.7	0.44	[3.9, 5.6]	631
Hispanic	5.0	0.82	[3.4, 6.6]	135
Other, non-Hispanic	6.7	0.85	[5.1, 8.4]	226
FPL category				
0-35%	6.7	0.36	[5.9, 7.4]	1,205
36-99%	5.1	0.32	[4.5, 5.8]	1,070
≥ 100%	4.6	0.38	[3.8, 5.3]	793
Region				
UP/NW/NE	5.5	0.45	[4.6, 6.4]	568
W/E Central/E	6.5	0.40	[5.7, 7.3]	963
S Central/SW/SE	6.8	0.43	[6.0, 7.7]	630
Detroit Metro	5.0	0.38	[4.2, 5.7]	907
Chronic condition (2016 or 2017 survey and/or DW)				
Yes	6.5	0.26	[6.0, 7.1]	2,449
No	3.4	0.36	[2.7, 4.1]	619
Total	5.8	0.22	[5.4, 6.3]	3,068

Note: Total count is less than universe count due to item non-response.

1.5 Q: In the past year, would you say your mental and emotional health has gotten better, stayed the same, or gotten worse?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Change in mental health status in the past year								Total Row%
	Gotten better Row%	95%CI	Stayed the same Row%	95%CI	Gotten worse Row%	95%CI	Don't know Row%	95%CI	
Follow-up group									
Still enrolled (n=2,386)	28.3	[25.9, 30.8]	58.8	[56.1, 61.3]	12.6	[10.9, 14.4]	0.4	[0.2, 0.9]	100.0
No longer enrolled (n=709)	28.9	[24.6, 33.6]	58.0	[53.2, 62.6]	12.8	[10.0, 16.3]	0.4	[0.1, 1.3]	100.0
Pearson: Uncorrected chi2(3) =	0.1992								
Design-based F(2.91, 8964.61) =	0.0430	Pr =	0.987						
Age									
19-34 (n=909)	34.2	[30.3, 38.3]	55.1	[51.0, 59.2]	10.4	[8.3, 13.1]	0.3	[0.1, 0.8]	100.0
35-50 (n=968)	26.4	[23.0, 30.2]	56.9	[52.9, 60.8]	16.1	[13.3, 19.4]	0.5	[0.2, 1.6]	100.0
51-64 (n=1,218)	23.2	[20.4, 26.2]	65.1	[61.8, 68.3]	11.3	[9.3, 13.5]	0.4	[0.2, 1.1]	100.0
Pearson: Uncorrected chi2(6) =	49.4762								
Design-based F(5.67, 17476.03) =	5.6755	Pr =	0.000						
Gender									
Male (n=1,230)	29.5	[26.1, 33.0]	58.6	[55.0, 62.2]	11.3	[9.2, 13.9]	0.6	[0.3, 1.3]	100.0
Female (n=1,865)	27.5	[24.9, 30.2]	58.5	[55.7, 61.3]	13.8	[11.9, 15.8]	0.2	[0.1, 0.7]	100.0
Pearson: Uncorrected chi2(3) =	7.1282								
Design-based F(2.91, 8963.53) =	1.5019	Pr =	0.213						
Race/ethnicity									
White, non-Hispanic (n=2,058)	26.9	[24.4, 29.6]	59.8	[57.0, 62.6]	12.9	[11.1, 14.8]	0.4	[0.2, 1.0]	100.0
Black, non-Hispanic (n=632)	32.2	[27.6, 37.1]	55.1	[50.1, 59.9]	12.3	[9.5, 15.9]	0.4	[0.1, 1.4]	100.0
Hispanic (n=138)	31.5	[22.7, 41.7]	56.5	[46.2, 66.4]	12.0	[6.3, 21.6]	0.0		100.0
Other, non-Hispanic (n=228)	26.2	[19.8, 33.8]	60.7	[52.7, 68.2]	12.3	[7.9, 18.7]	0.7	[0.2, 2.4]	100.0
Pearson: Uncorrected chi2(9) =	10.4897								
Design-based F(8.50, 25889.17) =	0.7176	Pr =	0.685						
FPL category									
0-35% (n=1,218)	29.8	[26.5, 33.3]	55.8	[52.2, 59.3]	13.8	[11.6, 16.4]	0.7	[0.3, 1.3]	100.0
36-99% (n=1,082)	26.2	[23.1, 29.6]	60.4	[56.8, 63.8]	13.2	[11.0, 15.9]	0.2	[0.0, 0.6]	100.0
100%+ (n=795)	27.8	[24.1, 31.8]	63.5	[59.3, 67.4]	8.6	[6.6, 11.3]	0.1	[0.0, 0.8]	100.0
Pearson: Uncorrected chi2(6) =	22.3066								
Design-based F(5.46, 16823.56) =	3.1731	Pr =	0.006						
Region									
UP/NW/NE (n=574)	25.7	[21.7, 30.0]	62.4	[57.8, 66.8]	11.3	[8.8, 14.3]	0.6	[0.2, 1.7]	100.0
W/E Central/E (n=980)	25.7	[22.7, 29.0]	60.0	[56.4, 63.5]	13.5	[11.1, 16.3]	0.8	[0.3, 2.0]	100.0
S Central/SW/SE (n=633)	29.1	[24.9, 33.7]	55.8	[51.1, 60.4]	15.0	[12.0, 18.6]	0.1	[0.0, 0.4]	100.0
Detroit Metro (n=908)	30.5	[26.8, 34.6]	58.0	[53.8, 62.0]	11.2	[8.9, 14.1]	0.2	[0.1, 0.8]	100.0
Pearson: Uncorrected chi2(9) =	19.4191								
Design-based F(7.32, 22582.31) =	1.9155	Pr =	0.059						
Chronic condition (2016/2017 survey or DW)									
Yes (n=2,467)	27.0	[24.7, 29.4]	58.0	[55.5, 60.6]	14.5	[12.8, 16.4]	0.4	[0.2, 0.9]	100.0
No (n=628)	33.1	[28.5, 38.0]	60.3	[55.3, 65.0]	6.3	[4.4, 9.0]	0.3	[0.1, 1.3]	100.0
Pearson: Uncorrected chi2(3) =	37.1067								
Design-based F(2.92, 8994.56) =	7.9079	Pr =	0.000						
Total (n=3,095)	28.4	[26.3, 30.6]	58.6	[56.3, 60.8]	12.6	[11.2, 14.2]	0.4	[0.2, 0.8]	100.0

Note: Total count is less than universe count due to item non-response.

1.6 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?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Number of days missed due to poor physical or mental health			N
	Mean	SE	95%CI	
Follow-up group				
Still enrolled	5.0	0.21	[4.6, 5.4]	2,366
No longer enrolled	5.2	0.45	[4.3, 6.0]	702
Age				
19-34	3.0	0.26	[2.5, 3.5]	900
35-50	6.0	0.37	[5.2, 6.7]	962
51-64	6.5	0.37	[5.8, 7.3]	1,206
Gender				
Male	5.1	0.31	[4.5, 5.7]	1,216
Female	5.0	0.24	[4.5, 5.5]	1,852
Race/ethnicity				
White, non-Hispanic	5.2	0.24	[4.7, 5.7]	2,037
Black, non-Hispanic	4.6	0.40	[3.8, 5.4]	633
Hispanic	4.7	0.87	[3.0, 6.4]	136
Other, non-Hispanic	5.1	0.70	[3.7, 6.5]	224
FPL category				
0-35%	6.1	0.33	[5.5, 6.8]	1,202
36-99%	4.1	0.26	[3.6, 4.6]	1,076
≥ 100%	3.5	0.33	[2.9, 4.1]	790
Region				
UP/NW/NE	5.2	0.42	[4.4, 6.0]	567
W/E Central/E	5.6	0.34	[4.9, 6.3]	968
S Central/SW/SE	5.3	0.42	[4.5, 6.1]	630
Detroit Metro	4.5	0.32	[3.9, 5.1]	903
Chronic condition (2016 or 2017 survey and/or DW)				
Yes	6.0	0.24	[5.5, 6.5]	2,445
No	1.9	0.25	[1.4, 2.4]	623
Total	5.0	0.19	[4.7, 5.4]	3,068

Note: Total count is less than universe count due to item non-response.

1.6.1 Q: In the past 12 months, about how many days did you miss work because of illness or injury?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: Respondents who are employed/self-employed (n = 1,746)

	Number of days missed work due to illness or injury			N
	Mean	SE	95%CI	
Follow-up group				
Still enrolled	5.8	1.03	[3.8, 7.8]	1,310
No longer enrolled	4.3	0.96	[2.5, 6.2]	422
Age				
19-34	4.0	0.55	[2.9, 5.1]	638
35-50	5.8	1.08	[3.7, 7.9]	564
51-64	7.8	3.08	[1.7, 13.8]	530
Gender				
Male	6.2	1.62	[3.0, 9.3]	684
Female	4.8	0.54	[3.7, 5.8]	1,048
Race/ethnicity				
White, non-Hispanic	6.8	1.37	[4.1, 9.5]	1,130
Black, non-Hispanic	2.7	0.48	[1.8, 3.7]	366
Hispanic	4.9	2.05	[0.9, 8.9]	88
Other, non-Hispanic	5.6	1.37	[2.9, 8.2]	128
FPL category				
0-35%	4.1	0.91	[2.3, 5.8]	474
36-99%	6.4	0.91	[4.6, 8.2]	713
≥ 100%	6.3	2.55	[1.3, 11.3]	545
Region				
UP/NW/NE	5.8	1.00	[3.9, 7.8]	314
W/E Central/E	6.4	2.33	[1.8, 10.9]	525
S Central/SW/SE	6.8	1.76	[3.3, 10.3]	361
Detroit Metro	4.1	0.69	[2.7, 5.4]	532
Chronic condition (2016 or 2017 survey and/or DW)				
Yes	7.0	1.12	[4.8, 9.2]	1271
No	1.4	0.20	[1.0, 1.8]	461
Total	5.4	0.81	[3.8, 7.0]	1,732

Note: Total count is less than universe count due to item non-response.

1.7 Q: In the past year, has the health of your teeth and gums gotten better, stayed the same, or gotten worse?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Change in dental health status in the past year								Total Row%
	Gotten better Row%	95%CI	Stayed the same Row%	95%CI	Gotten worse Row%	95%CI	Don't know Row%	95%CI	
Follow-up group									
Still enrolled (n=2,381)	22.8	[20.6, 25.1]	60.4	[57.9, 62.9]	16.3	[14.5, 18.2]	0.5	[0.3, 0.9]	100.0
No longer enrolled (n=709)	15.1	[11.8, 19.0]	61.6	[57.0, 66.1]	23.0	[19.3, 27.2]	0.3	[0.1, 1.0]	100.0
Pearson: Uncorrected chi2(3) =	30.1309								
Design-based F(2.74, 8447.13) =	7.1350	Pr =	0.000						
Age									
19-34 (n=907)	24.6	[21.2, 28.4]	60.5	[56.4, 64.4]	14.5	[11.8, 17.5]	0.5	[0.2, 1.2]	100.0
35-50 (n=968)	19.9	[16.9, 23.3]	59.5	[55.6, 63.4]	20.2	[17.3, 23.6]	0.3	[0.1, 1.0]	100.0
51-64 (n=1,215)	17.5	[15.0, 20.3]	62.4	[59.1, 65.7]	19.5	[16.9, 22.3]	0.6	[0.3, 1.2]	100.0
Pearson: Uncorrected chi2(6) =	26.8144								
Design-based F(5.64, 17364.55) =	3.1424	Pr =	0.005						
Gender									
Male (n=1,225)	22.6	[19.7, 25.9]	60.1	[56.6, 63.6]	17.0	[14.6, 19.8]	0.3	[0.1, 0.7]	100.0
Female (n=1,865)	19.6	[17.3, 22.0]	61.2	[58.4, 64.0]	18.6	[16.5, 20.9]	0.6	[0.3, 1.2]	100.0
Pearson: Uncorrected chi2(3) =	6.8390								
Design-based F(2.82, 8691.57) =	1.5763	Pr =	0.195						
Race/ethnicity									
White, non-Hispanic (n=2,052)	18.0	[15.9, 20.2]	62.9	[60.2, 65.6]	18.4	[16.5, 20.6]	0.7	[0.4, 1.2]	100.0
Black, non-Hispanic (n=633)	25.2	[21.1, 29.9]	56.7	[51.8, 61.6]	18.0	[14.5, 22.2]	0.0		100.0
Hispanic (n=138)	22.6	[14.7, 33.0]	59.9	[49.3, 69.7]	17.5	[10.7, 27.3]	0.0		100.0
Other, non-Hispanic (n=228)	27.1	[20.6, 34.7]	57.0	[49.0, 64.7]	15.3	[10.9, 21.1]	0.6	[0.1, 2.5]	100.0
Pearson: Uncorrected chi2(9) =	31.8172								
Design-based F(8.47, 25728.75) =	2.2282	Pr =	0.020						
FPL category									
0-35% (n=1,214)	23.7	[20.8, 27.0]	57.2	[53.6, 60.7]	18.7	[16.2, 21.6]	0.3	[0.1, 0.8]	100.0
36-99% (n=1,082)	18.4	[15.8, 21.3]	64.3	[60.8, 67.6]	16.6	[14.2, 19.4]	0.7	[0.3, 1.5]	100.0
100%+ (n=794)	17.4	[14.5, 20.7]	64.9	[61.0, 68.7]	17.3	[14.5, 20.5]	0.4	[0.1, 1.2]	100.0
Pearson: Uncorrected chi2(6) =	22.3109								
Design-based F(5.69, 17510.14) =	3.1223	Pr =	0.006						
Region									
UP/NW/NE (n=573)	20.4	[16.8, 24.5]	62.6	[58.0, 67.0]	16.9	[13.7, 20.7]	0.1	[0.0, 1.0]	100.0
W/E Central/E (n=976)	18.5	[16.0, 21.4]	63.5	[60.0, 66.9]	17.5	[15.0, 20.4]	0.5	[0.2, 1.2]	100.0
S Central/SW/SE (n=631)	21.3	[17.7, 25.5]	56.8	[52.1, 61.3]	20.5	[17.2, 24.3]	1.4	[0.7, 2.8]	100.0
Detroit Metro (n=910)	22.7	[19.3, 26.4]	60.1	[56.0, 64.0]	17.2	[14.3, 20.4]	0.1	[0.0, 0.6]	100.0
Pearson: Uncorrected chi2(9) =	25.9261								
Design-based F(7.71, 23727.03) =	2.5598	Pr =	0.010						
Chronic condition (2016/2017 survey or DW)									
Yes (n=2,462)	21.3	[19.2, 23.5]	58.9	[56.3, 61.4]	19.3	[17.4, 21.3]	0.6	[0.3, 1.0]	100.0
No (n=628)	20.1	[16.5, 24.2]	66.7	[62.0, 71.2]	13.1	[10.1, 16.9]	0.1	[0.0, 0.5]	100.0
Pearson: Uncorrected chi2(3) =	20.6901								
Design-based F(2.52, 7746.68) =	5.0793	Pr =	0.003						
Total (n=3,090)	21.0	[19.2, 23.0]	60.7	[58.5, 62.9]	17.9	[16.2, 19.6]	0.4	[0.3, 0.8]	100.0

Note: Total count is less than universe count due to item non-response.

1.8 Q: How tall are you in inches?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Mean	Height (inches)		N
		SE	95%CI	
Follow-up group				
Still enrolled	67.0	0.11	[66.7, 67.2]	2,381
No longer enrolled	67.6	0.20	[67.3, 68.0]	709
Age				
19-34	67.1	0.17	[66.8, 67.5]	909
35-50	67.4	0.17	[67.1, 67.7]	966
51-64	66.8	0.15	[66.5, 67.1]	1,215
Gender				
Male	70.2	0.11	[70.0, 70.4]	1,226
Female	64.4	0.08	[64.2, 64.5]	1,864
Race/ethnicity				
White, non-Hispanic	67.1	0.12	[66.9, 67.3]	2,056
Black, non-Hispanic	67.4	0.21	[67.0, 67.8]	633
Hispanic	65.5	0.40	[64.7, 66.3]	137
Other, non-Hispanic	67.2	0.34	[66.5, 67.9]	227
FPL category				
0-35%	67.6	0.15	[67.3, 67.9]	1,215
36-99%	66.4	0.14	[66.2, 66.7]	1,081
≥ 100%	66.7	0.17	[66.4, 67.1]	794
Region				
UP/NW/NE	67.0	0.19	[66.6, 67.4]	573
W/E Central/E	67.1	0.16	[66.8, 67.5]	978
S Central/SW/SE	66.9	0.19	[66.5, 67.3]	631
Detroit Metro	67.2	0.17	[66.9, 67.6]	908
Chronic condition (2016 or 2017 survey and/or DW)				
Yes	67.1	0.11	[66.8, 67.3]	2463
No	67.3	0.21	[66.9, 67.7]	627
Total	67.1	0.10	[66.9, 67.3]	3,090

Note: Total count is less than universe count due to item non-response.

1.9 Q: How much do you weigh in pounds?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Mean	Weight (pounds)		N
		SE	95%CI	
Follow-up group				
Still enrolled	191.9	1.56	[188.8, 195.0]	2,327
No longer enrolled	193.0	2.34	[188.5, 197.6]	696
Age				
19-34	190.3	2.29	[185.8, 194.8]	892
35-50	199.4	2.52	[194.4, 204.3]	943
51-64	186.0	1.71	[182.7, 189.4]	1,188
Gender				
Male	206.0	2.12	[201.8, 210.2]	1,223
Female	179.6	1.52	[176.6, 182.6]	1,800
Race/ethnicity				
White, non-Hispanic	192.0	1.68	[188.7, 195.3]	2,007
Black, non-Hispanic	198.5	2.77	[193.0, 203.9]	617
Hispanic	181.9	5.82	[170.5, 193.3]	137
Other, non-Hispanic	181.2	3.75	[173.8, 188.5]	227
FPL category				
0-35%	194.1	2.11	[190.0, 198.3]	1,194
36-99%	187.6	1.89	[183.9, 191.3]	1,057
≥ 100%	193.3	2.46	[188.5, 198.2]	772
Region				
UP/NW/NE	194.2	2.78	[188.8, 199.7]	560
W/E Central/E	192.2	2.01	[188.2, 196.1]	952
S Central/SW/SE	190.5	2.52	[185.5, 195.4]	618
Detroit Metro	192.5	2.44	[187.7, 197.3]	893
Chronic condition (2016 or 2017 survey and/or DW)				
Yes	196.4	1.55	[193.3, 199.4]	2408
No	178.4	2.34	[173.8, 182.9]	615
Total	192.2	1.32	[189.6, 194.7]	3,023

Note: Total count is less than universe count due to item non-response.

1.10 Q: Has a doctor or other health professional ever told you that you had any of the following...

1.10.1 Self-reported chronic conditions

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Weighted Proportion	95%CI
Any self-reported chronic condition		
Yes (n=2,413)	74.7	[72.6, 76.7]
No (n=684)	25.3	[23.3, 27.4]
Mood disorder		
Yes (n=1,060)	33.8	[31.7, 36.0]
No (n=2,028)	66.1	[63.9, 68.2]
Don't know (n=6)	0.1	[0.0, 0.3]
Hypertension		
Yes (n=1,094)	31.4	[29.4, 33.5]
No (n=1,998)	68.4	[66.3, 70.4]
Don't know (n=5)	0.2	[0.1, 0.5]
Other chronic condition		
Yes (n=992)	29.8	[27.9, 31.9]
No (n=2,101)	70.2	[68.1, 72.1]
Arthritis or a related condition		
Yes (n=1,015)	27.6	[25.8, 29.5]
No (n=2,065)	71.9	[70.0, 73.7]
Don't know (n=15)	0.5	[0.3, 0.8]
Asthma		
Yes (n=528)	16.9	[15.3, 18.7]
No (n=2,564)	83.0	[81.2, 84.6]
Don't know (n=4)	0.1	[0.0, 0.5]
Chronic bronchitis, COPD, or emphysema		
Yes (n=372)	10.4	[9.2, 11.7]
No (n=2,715)	89.3	[87.9, 90.5]
Don't know (n=10)	0.4	[0.2, 0.8]
Diabetes		
Yes (n=382)	10.3	[9.1, 11.5]
No (n=2,710)	89.6	[88.4, 90.8]
Don't know (n=5)	0.1	[0.0, 0.2]
Heart condition or heart disease		
Yes (n=319)	9.8	[8.5, 11.3]
No (n=2,758)	89.7	[88.3, 91.1]
Don't know (n=20)	0.5	[0.3, 0.7]
Substance use disorder		
Yes (n=125)	4.2	[3.3, 5.2]
No (n=2,967)	95.7	[94.7, 96.6]
Don't know (n=3)	0.1	[0.0, 0.3]
Cancer		
Yes (n=129)	2.9	[2.4, 3.6]
No (n=2,956)	96.8	[96.1, 97.4]
Don't know (n=11)	0.3	[0.1, 0.5]
Stroke		
Yes (n=76)	2.5	[1.9, 3.3]
No (n=3,016)	97.3	[96.5, 98.0]
Don't know (n=4)	0.1	[0.0, 0.4]

Note: Respondents were able to provide multiple responses

1.10.2 Any self-reported chronic condition

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Any self-reported chronic condition				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Follow-up group					
Still enrolled (n=2,388)	75.0	[72.6, 77.3]	25.0	[22.7, 27.4]	100.0
No longer enrolled (n=709)	73.8	[69.4, 77.8]	26.2	[22.2, 30.6]	100.0
Pearson: Uncorrected chi2(1) =	0.4323				
Design-based F(1.00, 3085.00) =	0.2489	Pr =	0.618		
Age					
19-34 (n=909)	61.6	[57.5, 65.5]	38.4	[34.5, 42.5]	100.0
35-50 (n=969)	79.7	[76.3, 82.8]	20.3	[17.2, 23.7]	100.0
51-64 (n=1,219)	86.1	[83.3, 88.4]	13.9	[11.6, 16.7]	100.0
Pearson: Uncorrected chi2(2) =	179.9696				
Design-based F(1.95, 6024.02) =	54.9056	Pr =	0.000		
Gender					
Male (n=1,230)	72.0	[68.5, 75.2]	28.0	[24.8, 31.5]	100.0
Female (n=1,867)	77.2	[74.6, 79.5]	22.8	[20.5, 25.4]	100.0
Pearson: Uncorrected chi2(1) =	10.9234				
Design-based F(1.00, 3085.00) =	6.1686	Pr =	0.013		
Race/ethnicity					
White, non-Hispanic (n=2,058)	79.1	[76.7, 81.4]	20.9	[18.6, 23.3]	100.0
Black, non-Hispanic (n=634)	68.5	[63.7, 73.0]	31.5	[27.0, 36.3]	100.0
Hispanic (n=138)	68.3	[57.7, 77.3]	31.7	[22.7, 42.3]	100.0
Other, non-Hispanic (n=228)	65.8	[57.6, 73.1]	34.2	[26.9, 42.4]	100.0
Pearson: Uncorrected chi2(3) =	49.9763				
Design-based F(2.99, 9104.45) =	8.9980	Pr =	0.000		
FPL category					
0-35% (n=1,218)	77.1	[73.7, 80.1]	22.9	[19.9, 26.3]	100.0
36-99% (n=1,084)	71.8	[68.4, 75.0]	28.2	[25.0, 31.6]	100.0
100%+ (n=795)	72.6	[68.9, 76.1]	27.4	[23.9, 31.1]	100.0
Pearson: Uncorrected chi2(2) =	9.9260				
Design-based F(1.89, 5832.47) =	3.4102	Pr =	0.036		
Region					
UP/NW/NE (n=574)	79.4	[75.2, 83.0]	20.6	[17.0, 24.8]	100.0
W/E Central/E (n=980)	79.6	[76.4, 82.4]	20.4	[17.6, 23.6]	100.0
S Central/SW/SE (n=633)	75.2	[70.6, 79.3]	24.8	[20.7, 29.4]	100.0
Detroit Metro (n=910)	70.2	[66.3, 73.8]	29.8	[26.2, 33.7]	100.0
Pearson: Uncorrected chi2(3) =	29.4898				
Design-based F(2.70, 8328.93) =	7.2863	Pr =	0.000		
Total (n=3,097)	74.7	[72.6, 76.7]	25.3	[23.3, 27.4]	100.0

1.10.3 Q: Has a doctor or other health professional ever told you that you had a mood disorder (for example, depression, anxiety, bipolar disorder)?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Yes		Mood disorder No		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,385)	34.6	[32.2, 37.2]	65.2	[62.7, 67.6]	0.2	[0.1, 0.4]	100.0
No longer enrolled (n=709)	31.1	[27.0, 35.4]	68.9	[64.6, 73.0]	0.0		100.0
Pearson: Uncorrected chi2(2) =	4.3729						
Design-based F(1.79, 5514.73) =	1.8410		Pr =	0.163			
Age							
19-34 (n=909)	35.1	[31.2, 39.1]	64.9	[60.9, 68.8]	0.0		100.0
35-50 (n=968)	36.0	[32.3, 39.8]	64.0	[60.2, 67.6]	0.1	[0.0, 0.3]	100.0
51-64 (n=1,217)	29.6	[26.5, 32.8]	70.1	[66.8, 73.1]	0.3	[0.1, 1.0]	100.0
Pearson: Uncorrected chi2(4) =	14.8470						
Design-based F(3.18, 9810.69) =	3.3911		Pr =	0.015			
Gender							
Male (n=1,228)	28.4	[25.3, 31.7]	71.6	[68.3, 74.7]	0.0		100.0
Female (n=1,866)	38.6	[35.8, 41.4]	61.2	[58.3, 63.9]	0.2	[0.1, 0.5]	100.0
Pearson: Uncorrected chi2(2) =	39.6776						
Design-based F(1.75, 5390.53) =	15.8681		Pr =	0.000			
Race/ethnicity							
White, non-Hispanic (n=2,055)	41.0	[38.2, 43.8]	58.8	[56.0, 61.6]	0.2	[0.1, 0.5]	100.0
Black, non-Hispanic (n=634)	19.0	[15.7, 22.9]	81.0	[77.1, 84.3]	0.0		100.0
Hispanic (n=138)	25.1	[16.9, 35.4]	74.7	[64.3, 82.8]	0.3	[0.0, 1.9]	100.0
Other, non-Hispanic (n=228)	34.2	[27.0, 42.2]	65.8	[57.8, 73.0]	0.0		100.0
Pearson: Uncorrected chi2(6) =	130.0006						
Design-based F(5.15, 15685.99) =	15.5026		Pr =	0.000			
FPL category							
0-35% (n=1,217)	38.2	[34.8, 41.7]	61.6	[58.1, 65.0]	0.2	[0.1, 0.5]	100.0
36-99% (n=1,083)	28.8	[25.8, 32.1]	71.2	[67.9, 74.2]	0.0		100.0
100%+ (n=794)	29.2	[25.7, 32.9]	70.7	[67.0, 74.2]	0.1	[0.0, 0.5]	100.0
Pearson: Uncorrected chi2(4) =	31.1550						
Design-based F(3.42, 10545.99) =	8.0572		Pr =	0.000			
Region							
UP/NW/NE (n=573)	39.2	[34.8, 43.9]	60.5	[55.9, 65.0]	0.2	[0.1, 1.0]	100.0
W/E Central/E (n=979)	37.9	[34.4, 41.5]	62.0	[58.4, 65.5]	0.1	[0.0, 0.9]	100.0
S Central/SW/SE (n=632)	39.2	[34.8, 43.7]	60.7	[56.2, 65.1]	0.1	[0.0, 0.6]	100.0
Detroit Metro (n=910)	27.5	[23.9, 31.4]	72.4	[68.4, 76.0]	0.1	[0.0, 0.5]	100.0
Pearson: Uncorrected chi2(6) =	41.9149						
Design-based F(4.70, 14481.99) =	7.0913		Pr =	0.000			
Chronic condition (2016/2017 survey or DW)							
Yes (n=2,466)	37.2	[34.7, 39.7]	62.7	[60.2, 65.1]	0.2	[0.1, 0.4]	100.0
No (n=628)	22.7	[18.8, 27.1]	77.3	[72.9, 81.2]	0.0		100.0
Pearson: Uncorrected chi2(2) =	53.0229						
Design-based F(1.73, 5317.66) =	20.4211		Pr =	0.000			
Total (n=3,094)	33.8	[31.7, 36.0]	66.1	[63.9, 68.2]	0.1	[0.0, 0.3]	100.0

Note: Total count is less than universe count due to item non-response.

1.10.4 Q: Has a doctor or other health professional ever told you that you had hypertension, also called high blood pressure?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Yes		Hypertension No		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,388)	31.5	[29.2, 33.9]	68.3	[65.9, 70.6]	0.2	[0.1, 0.6]	100.0
No longer enrolled (n=709)	31.2	[27.2, 35.5]	68.7	[64.4, 72.7]	0.1	[0.0, 0.6]	100.0
Pearson: Uncorrected chi2(2) =	0.4204						
Design-based F(1.78, 5483.26) =	0.1879		Pr =	0.803			
Age							
19-34 (n=909)	12.4	[9.9, 15.3]	87.4	[84.5, 89.9]	0.2	[0.0, 1.0]	100.0
35-50 (n=969)	35.8	[32.1, 39.7]	64.0	[60.0, 67.7]	0.3	[0.1, 0.9]	100.0
51-64 (n=1,219)	51.4	[48.0, 54.8]	48.6	[45.2, 52.0]	0.0		100.0
Pearson: Uncorrected chi2(4) =	370.0580						
Design-based F(3.86, 11912.87) =	62.0011		Pr =	0.000			
Gender							
Male (n=1,230)	34.7	[31.5, 38.1]	65.0	[61.6, 68.3]	0.3	[0.1, 0.8]	100.0
Female (n=1,867)	28.5	[26.1, 31.1]	71.4	[68.8, 73.8]	0.1	[0.0, 0.6]	100.0
Pearson: Uncorrected chi2(2) =	15.4385						
Design-based F(1.99, 6153.88) =	5.1814		Pr =	0.006			
Race/ethnicity							
White, non-Hispanic (n=2,058)	29.8	[27.5, 32.3]	70.0	[67.6, 72.4]	0.1	[0.0, 0.4]	100.0
Black, non-Hispanic (n=634)	37.5	[32.9, 42.3]	62.3	[57.5, 66.8]	0.2	[0.0, 1.6]	100.0
Hispanic (n=138)	26.7	[19.3, 35.8]	73.3	[64.2, 80.7]	0.0		100.0
Other, non-Hispanic (n=228)	26.1	[19.8, 33.6]	73.9	[66.4, 80.2]	0.0		100.0
Pearson: Uncorrected chi2(6) =	22.5769						
Design-based F(5.64, 17166.01) =	2.4618		Pr =	0.025			
FPL category							
0-35% (n=1,218)	33.4	[30.2, 36.7]	66.4	[63.1, 69.6]	0.2	[0.1, 0.6]	100.0
36-99% (n=1,084)	29.8	[26.6, 33.1]	70.2	[66.8, 73.3]	0.1	[0.0, 0.5]	100.0
100%+ (n=795)	28.7	[25.2, 32.4]	71.0	[67.3, 74.5]	0.3	[0.0, 2.1]	100.0
Pearson: Uncorrected chi2(4) =	7.2889						
Design-based F(3.68, 11366.51) =	1.4978		Pr =	0.204			
Region							
UP/NW/NE (n=574)	34.1	[30.0, 38.5]	65.7	[61.3, 69.9]	0.1	[0.0, 1.0]	100.0
W/E Central/E (n=980)	32.2	[29.0, 35.6]	67.7	[64.3, 70.9]	0.1	[0.0, 0.8]	100.0
S Central/SW/SE (n=633)	30.1	[26.3, 34.2]	69.5	[65.4, 73.4]	0.4	[0.1, 1.6]	100.0
Detroit Metro (n=910)	30.9	[27.3, 34.7]	68.9	[65.1, 72.5]	0.1	[0.0, 1.0]	100.0
Pearson: Uncorrected chi2(6) =	3.3525						
Design-based F(5.15, 15881.58) =	0.5001		Pr =	0.782			
Chronic condition (2016/2017 survey or DW)							
Yes (n=2,469)	41.0	[38.5, 43.5]	58.9	[56.4, 61.4]	0.1	[0.0, 0.4]	100.0
No (n=628)	0.0		99.7	[98.2, 100.0]	0.3	[0.0, 1.8]	100.0
Pearson: Uncorrected chi2(2) =	429.4886						
Design-based F(2.00, 6168.46) =	138.2445		Pr =	0.000			
Total (n=3,097)	31.4	[29.4, 33.5]	68.4	[66.3, 70.4]	0.2	[0.1, 0.5]	100.0

1.10.5 Q: Has a doctor or other health professional ever told you that you had arthritis or a related condition (for example, rheumatoid arthritis, gout, lupus, or fibromyalgia)?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Arthritis or a related condition							Total Row%
	Yes		No		Don't know			
	Row%	95%CI	Row%	95%CI	Row%	95%CI		
Follow-up group								
Still enrolled (n=2,386)	28.1	[26.0, 30.3]	71.5	[69.3, 73.6]	0.4	[0.2, 0.9]	100.0	
No longer enrolled (n=709)	26.1	[22.5, 30.1]	73.3	[69.3, 77.0]	0.6	[0.2, 1.5]	100.0	
Pearson: Uncorrected chi2(2) =	1.1520							
Design-based F(1.98, 6107.76) =	0.4495		Pr =	0.636				
Age								
19-34 (n=909)	10.5	[8.4, 13.1]	89.1	[86.6, 91.3]	0.3	[0.1, 1.1]	100.0	
35-50 (n=967)	30.2	[26.9, 33.7]	69.3	[65.8, 72.7]	0.5	[0.2, 1.1]	100.0	
51-64 (n=1,219)	47.1	[43.7, 50.5]	52.2	[48.8, 55.7]	0.7	[0.2, 1.7]	100.0	
Pearson: Uncorrected chi2(4) =	344.2076							
Design-based F(3.91, 12060.95) =	62.4963		Pr =	0.000				
Gender								
Male (n=1,229)	24.3	[21.6, 27.2]	75.3	[72.4, 78.0]	0.4	[0.2, 0.9]	100.0	
Female (n=1,866)	30.6	[28.2, 33.2]	68.9	[66.3, 71.3]	0.5	[0.2, 1.2]	100.0	
Pearson: Uncorrected chi2(2) =	15.9287							
Design-based F(1.98, 6105.42) =	6.0234		Pr =	0.003				
Race/ethnicity								
White, non-Hispanic (n=2,057)	30.5	[28.1, 32.9]	69.0	[66.5, 71.3]	0.6	[0.3, 1.2]	100.0	
Black, non-Hispanic (n=634)	23.0	[19.4, 27.0]	76.9	[72.9, 80.5]	0.1	[0.0, 0.6]	100.0	
Hispanic (n=137)	21.2	[14.7, 29.6]	77.5	[69.0, 84.2]	1.3	[0.3, 5.3]	100.0	
Other, non-Hispanic (n=228)	23.9	[18.2, 30.6]	75.7	[69.0, 81.4]	0.4	[0.1, 3.0]	100.0	
Pearson: Uncorrected chi2(6) =	26.8569							
Design-based F(5.65, 17203.74) =	3.6716		Pr =	0.002				
FPL category								
0-35% (n=1,218)	29.5	[26.6, 32.6]	70.1	[67.0, 73.0]	0.4	[0.2, 0.9]	100.0	
36-99% (n=1,082)	27.3	[24.4, 30.4]	72.4	[69.3, 75.3]	0.3	[0.1, 1.7]	100.0	
100%+ (n=795)	23.1	[20.1, 26.4]	75.9	[72.6, 78.9]	1.0	[0.4, 2.1]	100.0	
Pearson: Uncorrected chi2(4) =	13.0518							
Design-based F(3.72, 11474.27) =	2.4914		Pr =	0.045				
Region								
UP/NW/NE (n=574)	34.6	[30.5, 39.0]	64.6	[60.1, 68.7]	0.8	[0.3, 2.4]	100.0	
W/E Central/E (n=978)	30.9	[27.9, 34.2]	68.3	[65.0, 71.5]	0.7	[0.3, 1.8]	100.0	
S Central/SW/SE (n=633)	28.3	[24.6, 32.4]	71.3	[67.3, 75.1]	0.3	[0.1, 1.4]	100.0	
Detroit Metro (n=910)	23.5	[20.5, 26.9]	76.2	[72.8, 79.2]	0.3	[0.1, 1.0]	100.0	
Pearson: Uncorrected chi2(6) =	27.0756							
Design-based F(5.51, 16996.75) =	4.0012		Pr =	0.001				
Chronic condition (2016/2017 survey or DW)								
Yes (n=2,467)	36.0	[33.7, 38.3]	63.5	[61.1, 65.8]	0.6	[0.3, 1.0]	100.0	
No (n=628)	0.0		99.8	[98.8, 100.0]	0.2	[0.0, 1.2]	100.0	
Pearson: Uncorrected chi2(2) =	361.8586							
Design-based F(1.98, 6112.80) =	129.9470		Pr =	0.000				
Total (n=3,095)	27.6	[25.8, 29.5]	71.9	[70.0, 73.7]	0.5	[0.3, 0.8]	100.0	

Note: Total count is less than universe count due to item non-response.

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

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Yes		Asthma No		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,387)	16.8	[15.0, 18.8]	83.0	[81.0, 84.9]	0.2	[0.1, 0.6]	100.0
No longer enrolled (n=709)	17.3	[13.9, 21.3]	82.7	[78.7, 86.1]	0.0		100.0
Pearson: Uncorrected chi2(2) =	1.3744						
Design-based F(2.00, 6156.04) =	0.4132	Pr =	0.661				
Age							
19-34 (n=909)	18.3	[15.3, 21.8]	81.7	[78.2, 84.7]	0.0		100.0
35-50 (n=969)	17.3	[14.7, 20.3]	82.6	[79.6, 85.2]	0.1	[0.0, 0.8]	100.0
51-64 (n=1,218)	14.6	[12.4, 17.1]	85.0	[82.5, 87.3]	0.4	[0.1, 1.5]	100.0
Pearson: Uncorrected chi2(4) =	9.5684						
Design-based F(3.81, 11763.68) =	1.6145	Pr =	0.170				
Gender							
Male (n=1,230)	14.5	[12.0, 17.4]	85.5	[82.6, 88.0]	0.0	[0.0, 0.1]	100.0
Female (n=1,866)	19.0	[17.0, 21.2]	80.7	[78.5, 82.8]	0.2	[0.1, 0.9]	100.0
Pearson: Uncorrected chi2(2) =	14.3199						
Design-based F(1.34, 4132.69) =	6.6794	Pr =	0.005				
Race/ethnicity							
White, non-Hispanic (n=2,057)	17.8	[15.8, 20.0]	82.0	[79.7, 84.0]	0.2	[0.1, 0.8]	100.0
Black, non-Hispanic (n=634)	16.5	[13.1, 20.6]	83.5	[79.4, 86.9]	0.0		100.0
Hispanic (n=138)	15.7	[9.9, 23.9]	84.3	[76.1, 90.1]	0.0		100.0
Other, non-Hispanic (n=228)	13.2	[8.8, 19.5]	86.8	[80.5, 91.2]	0.0		100.0
Pearson: Uncorrected chi2(6) =	6.7453						
Design-based F(5.93, 18055.89) =	0.6689	Pr =	0.673				
FPL category							
0-35% (n=1,217)	17.9	[15.4, 20.7]	82.1	[79.3, 84.6]	0.0	[0.0, 0.1]	100.0
36-99% (n=1,084)	15.9	[13.3, 19.0]	83.7	[80.6, 86.3]	0.4	[0.1, 1.7]	100.0
100%+ (n=795)	15.6	[12.8, 19.0]	84.3	[80.9, 87.1]	0.1	[0.0, 0.7]	100.0
Pearson: Uncorrected chi2(4) =	8.2602						
Design-based F(3.24, 10003.28) =	2.0830	Pr =	0.095				
Region							
UP/NW/NE (n=574)	16.1	[13.1, 19.8]	83.8	[80.1, 86.8]	0.1	[0.0, 0.6]	100.0
W/E Central/E (n=979)	17.7	[15.1, 20.8]	81.8	[78.8, 84.5]	0.4	[0.1, 1.5]	100.0
S Central/SW/SE (n=633)	17.6	[14.5, 21.2]	82.4	[78.8, 85.5]	0.0		100.0
Detroit Metro (n=910)	16.2	[13.4, 19.4]	83.8	[80.6, 86.6]	0.0		100.0
Pearson: Uncorrected chi2(6) =	10.0715						
Design-based F(4.39, 13526.24) =	1.6516	Pr =	0.152				
Chronic condition (2016/2017 survey or DW)							
Yes (n=2,468)	22.0	[20.0, 24.2]	77.8	[75.6, 79.9]	0.2	[0.1, 0.6]	100.0
No (n=628)	0.0		100.0		0.0		100.0
Pearson: Uncorrected chi2(2) =	192.3189						
Design-based F(2.00, 6165.02) =	61.6985	Pr =	0.000				
Total (n=3,096)	16.9	[15.3, 18.7]	83.0	[81.2, 84.6]	0.1	[0.0, 0.5]	100.0

Note: Total count is less than universe count due to item non-response.

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

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Chronic bronchitis, COPD, or emphysema						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,388)	10.8	[9.4, 12.4]	88.7	[87.1, 90.2]	0.5	[0.2, 1.0]	100.0
No longer enrolled (n=709)	9.0	[7.0, 11.6]	91.0	[88.4, 93.0]	0.0		100.0
Pearson: Uncorrected chi2(2) =	5.2561						
Design-based F(1.96, 6054.89) =	1.8350	Pr =	0.160				
Age							
19-34 (n=909)	4.3	[3.1, 6.1]	95.2	[93.4, 96.6]	0.4	[0.1, 1.6]	100.0
35-50 (n=969)	11.7	[9.4, 14.3]	88.3	[85.6, 90.5]	0.1	[0.0, 0.6]	100.0
51-64 (n=1,219)	16.8	[14.5, 19.5]	82.6	[79.9, 85.0]	0.6	[0.2, 1.4]	100.0
Pearson: Uncorrected chi2(4) =	90.5214						
Design-based F(3.82, 11790.28) =	16.1561	Pr =	0.000				
Gender							
Male (n=1,230)	8.4	[6.8, 10.3]	91.2	[89.2, 92.8]	0.4	[0.1, 1.4]	100.0
Female (n=1,867)	12.2	[10.5, 14.0]	87.6	[85.7, 89.2]	0.3	[0.1, 0.7]	100.0
Pearson: Uncorrected chi2(2) =	12.2504						
Design-based F(2.00, 6168.60) =	4.3007	Pr =	0.014				
Race/ethnicity							
White, non-Hispanic (n=2,058)	11.0	[9.6, 12.6]	88.7	[87.1, 90.1]	0.3	[0.1, 0.7]	100.0
Black, non-Hispanic (n=634)	9.8	[7.4, 12.8]	89.7	[86.6, 92.2]	0.5	[0.1, 2.3]	100.0
Hispanic (n=138)	5.6	[2.6, 11.5]	93.4	[87.2, 96.7]	1.0	[0.1, 6.7]	100.0
Other, non-Hispanic (n=228)	9.0	[4.9, 16.2]	91.0	[83.8, 95.1]	0.0		100.0
Pearson: Uncorrected chi2(6) =	8.7872						
Design-based F(5.42, 16523.54) =	0.8543	Pr =	0.518				
FPL category							
0-35% (n=1,218)	11.9	[10.0, 14.1]	87.7	[85.4, 89.6]	0.5	[0.2, 1.3]	100.0
36-99% (n=1,084)	8.8	[7.1, 10.7]	91.1	[89.1, 92.7]	0.1	[0.0, 0.7]	100.0
100%+ (n=795)	8.8	[6.8, 11.2]	90.9	[88.4, 92.9]	0.4	[0.1, 1.2]	100.0
Pearson: Uncorrected chi2(4) =	9.6795						
Design-based F(3.89, 11987.29) =	2.3093	Pr =	0.057				
Region							
UP/NW/NE (n=574)	13.7	[10.7, 17.3]	86.1	[82.5, 89.0]	0.2	[0.1, 1.0]	100.0
W/E Central/E (n=980)	12.3	[10.2, 14.8]	87.4	[84.9, 89.5]	0.3	[0.1, 1.1]	100.0
S Central/SW/SE (n=633)	9.2	[7.2, 11.8]	90.5	[87.9, 92.6]	0.3	[0.1, 1.1]	100.0
Detroit Metro (n=910)	8.9	[7.0, 11.2]	90.7	[88.3, 92.7]	0.4	[0.1, 1.5]	100.0
Pearson: Uncorrected chi2(6) =	11.5470						
Design-based F(5.11, 15758.03) =	1.8454	Pr =	0.099				
Chronic condition (2016/2017 survey or DW)							
Yes (n=2,469)	13.5	[12.0, 15.2]	86.0	[84.3, 87.6]	0.5	[0.2, 1.0]	100.0
No (n=628)	0.0		100.0		0.0		100.0
Pearson: Uncorrected chi2(2) =	112.6630						
Design-based F(1.99, 6135.80) =	37.1272	Pr =	0.000				
Total (n=3,097)	10.4	[9.2, 11.7]	89.3	[87.9, 90.5]	0.4	[0.2, 0.8]	100.0

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

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Yes		Diabetes No		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,388)	10.6	[9.3, 12.1]	89.3	[87.8, 90.6]	0.0	[0.0, 0.2]	100.0
No longer enrolled (n=709)	9.1	[7.0, 11.7]	90.7	[88.0, 92.8]	0.3	[0.1, 0.8]	100.0
Pearson: Uncorrected chi2(2) =	4.6092						
Design-based F(1.71, 5283.24) =	2.5473	Pr =	0.087				
Age							
19-34 (n=909)	4.1	[2.9, 5.6]	95.8	[94.3, 97.0]	0.1	[0.0, 0.5]	100.0
35-50 (n=969)	11.8	[9.6, 14.4]	88.1	[85.6, 90.3]	0.1	[0.0, 0.4]	100.0
51-64 (n=1,219)	16.7	[14.4, 19.3]	83.2	[80.6, 85.5]	0.1	[0.0, 0.4]	100.0
Pearson: Uncorrected chi2(4) =	90.4885						
Design-based F(3.48, 10724.30) =	24.0398	Pr =	0.000				
Gender							
Male (n=1,230)	10.2	[8.5, 12.3]	89.8	[87.7, 91.5]	0.0	[0.0, 0.3]	100.0
Female (n=1,867)	10.3	[8.9, 12.0]	89.5	[87.9, 90.9]	0.1	[0.1, 0.4]	100.0
Pearson: Uncorrected chi2(2) =	0.9057						
Design-based F(1.73, 5348.49) =	0.4932	Pr =	0.584				
Race/ethnicity							
White, non-Hispanic (n=2,058)	10.0	[8.6, 11.6]	89.8	[88.2, 91.2]	0.1	[0.0, 0.3]	100.0
Black, non-Hispanic (n=634)	11.0	[8.6, 13.8]	89.0	[86.1, 91.3]	0.1	[0.0, 0.5]	100.0
Hispanic (n=138)	13.7	[8.9, 20.5]	86.3	[79.5, 91.1]	0.0		100.0
Other, non-Hispanic (n=228)	7.7	[5.0, 11.8]	92.3	[88.2, 95.0]	0.0		100.0
Pearson: Uncorrected chi2(6) =	4.9955						
Design-based F(5.19, 15804.14) =	0.7763	Pr =	0.571				
FPL category							
0-35% (n=1,218)	10.7	[9.0, 12.8]	89.2	[87.2, 91.0]	0.0	[0.0, 0.3]	100.0
36-99% (n=1,084)	9.9	[8.2, 11.9]	90.0	[88.0, 91.7]	0.1	[0.0, 0.6]	100.0
100%+ (n=795)	9.6	[7.6, 12.1]	90.1	[87.6, 92.2]	0.2	[0.1, 0.8]	100.0
Pearson: Uncorrected chi2(4) =	2.7998						
Design-based F(3.71, 11459.01) =	0.8307	Pr =	0.498				
Region							
UP/NW/NE (n=574)	11.5	[8.9, 14.6]	88.3	[85.1, 90.9]	0.2	[0.0, 1.6]	100.0
W/E Central/E (n=980)	10.3	[8.5, 12.4]	89.6	[87.5, 91.5]	0.0	[0.0, 0.3]	100.0
S Central/SW/SE (n=633)	10.2	[7.9, 13.1]	89.5	[86.6, 91.8]	0.3	[0.1, 1.0]	100.0
Detroit Metro (n=910)	10.0	[8.1, 12.3]	90.0	[87.7, 91.9]	0.0		100.0
Pearson: Uncorrected chi2(6) =	5.8803						
Design-based F(5.07, 15649.83) =	1.2542	Pr =	0.280				
Chronic condition (2016/2017 survey or DW)							
Yes (n=2,469)	13.4	[11.9, 15.0]	86.5	[84.9, 88.0]	0.1	[0.0, 0.3]	100.0
No (n=628)	0.0		100.0		0.0		100.0
Pearson: Uncorrected chi2(2) =	108.3877						
Design-based F(1.74, 5360.47) =	55.6219	Pr =	0.000				
Total (n=3,097)	10.3	[9.1, 11.5]	89.6	[88.4, 90.8]	0.1	[0.0, 0.2]	100.0

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

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Heart condition or heart disease						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,388)	10.0	[8.5, 11.7]	89.5	[87.7, 91.0]	0.5	[0.3, 0.9]	100.0
No longer enrolled (n=709)	9.2	[7.0, 12.1]	90.6	[87.7, 92.8]	0.2	[0.1, 0.7]	100.0
Pearson: Uncorrected chi2(2) =	1.7077						
Design-based F(1.69, 5207.28) =	0.7959	Pr =	0.432				
Age							
19-34 (n=909)	4.7	[3.3, 6.6]	95.0	[93.1, 96.4]	0.3	[0.1, 0.8]	100.0
35-50 (n=969)	11.1	[8.5, 14.3]	88.5	[85.2, 91.1]	0.5	[0.2, 1.1]	100.0
51-64 (n=1,219)	15.0	[12.7, 17.7]	84.3	[81.6, 86.7]	0.7	[0.4, 1.4]	100.0
Pearson: Uncorrected chi2(4) =	65.8747						
Design-based F(3.57, 11008.33) =	12.4518	Pr =	0.000				
Gender							
Male (n=1,230)	12.2	[10.0, 14.9]	87.3	[84.6, 89.5]	0.5	[0.2, 1.0]	100.0
Female (n=1,867)	7.6	[6.4, 9.1]	91.9	[90.4, 93.2]	0.4	[0.2, 0.8]	100.0
Pearson: Uncorrected chi2(2) =	18.5670						
Design-based F(1.84, 5672.30) =	7.6455	Pr =	0.001				
Race/ethnicity							
White, non-Hispanic (n=2,058)	11.0	[9.4, 12.8]	88.4	[86.5, 90.0]	0.7	[0.4, 1.1]	100.0
Black, non-Hispanic (n=634)	9.1	[6.5, 12.6]	90.7	[87.3, 93.3]	0.1	[0.0, 0.6]	100.0
Hispanic (n=138)	2.1	[0.7, 6.0]	97.9	[94.0, 99.3]	0.0		100.0
Other, non-Hispanic (n=228)	8.0	[4.0, 15.2]	91.9	[84.8, 95.9]	0.1	[0.0, 0.8]	100.0
Pearson: Uncorrected chi2(6) =	19.7941						
Design-based F(4.21, 12808.64) =	2.6564	Pr =	0.029				
FPL category							
0-35% (n=1,218)	10.6	[8.6, 13.1]	89.1	[86.7, 91.2]	0.2	[0.1, 0.7]	100.0
36-99% (n=1,084)	7.5	[5.9, 9.5]	91.6	[89.5, 93.2]	1.0	[0.5, 1.8]	100.0
100%+ (n=795)	10.9	[8.4, 13.9]	88.8	[85.8, 91.3]	0.3	[0.1, 0.8]	100.0
Pearson: Uncorrected chi2(4) =	13.5178						
Design-based F(3.56, 10970.29) =	3.1817	Pr =	0.016				
Region							
UP/NW/NE (n=574)	12.5	[9.8, 15.8]	86.9	[83.6, 89.7]	0.6	[0.2, 1.7]	100.0
W/E Central/E (n=980)	11.2	[9.1, 13.7]	88.0	[85.5, 90.2]	0.7	[0.4, 1.6]	100.0
S Central/SW/SE (n=633)	8.7	[6.5, 11.6]	90.7	[87.8, 92.9]	0.6	[0.2, 1.6]	100.0
Detroit Metro (n=910)	8.7	[6.5, 11.6]	91.1	[88.3, 93.3]	0.2	[0.0, 0.5]	100.0
Pearson: Uncorrected chi2(6) =	11.9115						
Design-based F(4.76, 14697.34) =	1.9209	Pr =	0.091				
Chronic condition (2016/2017 survey or DW)							
Yes (n=2,469)	12.8	[11.1, 14.6]	86.6	[84.8, 88.3]	0.6	[0.4, 1.0]	100.0
No (n=628)	0.0		100.0		0.0		100.0
Pearson: Uncorrected chi2(2) =	106.9827						
Design-based F(1.84, 5670.53) =	43.1468	Pr =	0.000				
Total (n=3,097)	9.8	[8.5, 11.3]	89.7	[88.3, 91.1]	0.5	[0.3, 0.7]	100.0

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

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Substance use disorder						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,387)	4.4	[3.5, 5.7]	95.5	[94.3, 96.5]	0.0	[0.0, 0.2]	100.0
No longer enrolled (n=708)	3.3	[2.0, 5.6]	96.5	[94.2, 97.9]	0.2	[0.0, 1.4]	100.0
Pearson: Uncorrected chi2(2) =	3.1122						
Design-based F(1.85, 5712.12) =	1.1262	Pr =	0.321				
Age							
19-34 (n=909)	2.4	[1.5, 3.8]	97.5	[96.1, 98.4]	0.1	[0.0, 0.9]	100.0
35-50 (n=968)	5.8	[4.0, 8.4]	94.1	[91.5, 95.9]	0.1	[0.0, 0.5]	100.0
51-64 (n=1,218)	4.6	[3.3, 6.4]	95.4	[93.6, 96.7]	0.0		100.0
Pearson: Uncorrected chi2(4) =	17.7792						
Design-based F(3.61, 11131.70) =	3.3830	Pr =	0.012				
Gender							
Male (n=1,229)	6.0	[4.6, 7.8]	93.9	[92.1, 95.4]	0.1	[0.0, 0.4]	100.0
Female (n=1,866)	2.6	[1.7, 3.9]	97.3	[96.0, 98.2]	0.1	[0.0, 0.5]	100.0
Pearson: Uncorrected chi2(2) =	22.6207						
Design-based F(1.79, 5506.81) =	8.3552	Pr =	0.000				
Race/ethnicity							
White, non-Hispanic (n=2,057)	4.9	[3.7, 6.3]	95.0	[93.6, 96.2]	0.1	[0.0, 0.5]	100.0
Black, non-Hispanic (n=633)	3.3	[2.0, 5.6]	96.7	[94.4, 98.0]	0.0		100.0
Hispanic (n=138)	1.7	[0.4, 7.7]	98.0	[92.6, 99.5]	0.3	[0.0, 1.9]	100.0
Other, non-Hispanic (n=228)	4.0	[1.7, 9.1]	96.0	[90.9, 98.3]	0.0		100.0
Pearson: Uncorrected chi2(6) =	7.6354						
Design-based F(5.27, 16028.42) =	0.8450	Pr =	0.522				
FPL category							
0-35% (n=1,216)	5.0	[3.7, 6.8]	94.9	[93.1, 96.3]	0.0	[0.0, 0.3]	100.0
36-99% (n=1,084)	3.5	[2.4, 5.3]	96.5	[94.7, 97.6]	0.0		100.0
100%+ (n=795)	2.8	[1.8, 4.4]	96.9	[95.2, 97.9]	0.3	[0.1, 1.4]	100.0
Pearson: Uncorrected chi2(4) =	10.9360						
Design-based F(3.73, 11502.18) =	2.4035	Pr =	0.052				
Region							
UP/NW/NE (n=574)	4.2	[2.8, 6.3]	95.8	[93.7, 97.2]	0.0		100.0
W/E Central/E (n=980)	4.8	[3.5, 6.5]	95.1	[93.4, 96.4]	0.1	[0.0, 0.6]	100.0
S Central/SW/SE (n=632)	4.2	[2.5, 6.9]	95.8	[93.1, 97.5]	0.0		100.0
Detroit Metro (n=909)	3.8	[2.4, 5.8]	96.1	[94.0, 97.5]	0.1	[0.0, 0.7]	100.0
Pearson: Uncorrected chi2(6) =	2.6501						
Design-based F(4.41, 13600.29) =	0.4160	Pr =	0.815				
Chronic condition (2016/2017 survey or DW)							
Yes (n=2,467)	4.6	[3.6, 5.8]	95.3	[94.1, 96.3]	0.1	[0.0, 0.4]	100.0
No (n=628)	3.0	[1.7, 5.3]	97.0	[94.7, 98.3]	0.0		100.0
Pearson: Uncorrected chi2(2) =	4.0783						
Design-based F(1.86, 5733.11) =	1.3867	Pr =	0.250				
Total (n=3,095)	4.2	[3.3, 5.2]	95.7	[94.7, 96.6]	0.1	[0.0, 0.3]	100.0

Note: Total count is less than universe count due to item non-response.

1.10.11 Q: Has a doctor or other health professional ever told you that you had cancer, other than skin cancer?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Cancer						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,387)	2.9	[2.3, 3.7]	96.8	[96.1, 97.5]	0.3	[0.1, 0.5]	100.0
No longer enrolled (n=709)	3.1	[2.2, 4.4]	96.6	[95.3, 97.6]	0.3	[0.1, 1.1]	100.0
Pearson: Uncorrected chi2(2) =	0.0839						
Design-based F(1.99, 6127.68) =	0.0462	Pr =	0.954				
Age							
19-34 (n=908)	0.5	[0.2, 1.0]	99.5	[99.0, 99.8]	0.0		100.0
35-50 (n=969)	2.9	[2.0, 4.2]	96.9	[95.5, 97.9]	0.2	[0.1, 0.8]	100.0
51-64 (n=1,219)	6.3	[4.9, 7.9]	93.1	[91.4, 94.5]	0.6	[0.3, 1.4]	100.0
Pearson: Uncorrected chi2(4) =	67.9220						
Design-based F(3.96, 12221.72) =	18.0860	Pr =	0.000				
Gender							
Male (n=1,229)	1.9	[1.3, 2.8]	97.8	[96.9, 98.5]	0.3	[0.1, 0.7]	100.0
Female (n=1,867)	3.9	[3.1, 4.9]	95.9	[94.9, 96.7]	0.2	[0.1, 0.6]	100.0
Pearson: Uncorrected chi2(2) =	11.2015						
Design-based F(1.98, 6094.95) =	5.7804	Pr =	0.003				
Race/ethnicity							
White, non-Hispanic (n=2,058)	3.5	[2.8, 4.4]	96.1	[95.2, 96.9]	0.4	[0.2, 0.7]	100.0
Black, non-Hispanic (n=634)	1.8	[1.0, 3.1]	98.2	[96.9, 99.0]	0.0		100.0
Hispanic (n=138)	0.6	[0.1, 2.4]	98.6	[95.0, 99.6]	0.8	[0.1, 5.6]	100.0
Other, non-Hispanic (n=227)	3.8	[1.9, 7.5]	96.2	[92.5, 98.1]	0.0		100.0
Pearson: Uncorrected chi2(6) =	15.2959						
Design-based F(5.26, 16022.22) =	2.2594	Pr =	0.043				
FPL category							
0-35% (n=1,218)	2.6	[1.9, 3.6]	97.1	[96.1, 97.9]	0.2	[0.1, 0.6]	100.0
36-99% (n=1,083)	3.0	[2.1, 4.1]	96.7	[95.5, 97.6]	0.3	[0.1, 1.0]	100.0
100%+ (n=795)	3.7	[2.6, 5.3]	96.1	[94.5, 97.2]	0.2	[0.1, 0.8]	100.0
Pearson: Uncorrected chi2(4) =	2.2019						
Design-based F(3.91, 12052.36) =	0.6577	Pr =	0.618				
Region							
UP/NW/NE (n=574)	5.0	[3.3, 7.5]	94.7	[92.2, 96.5]	0.3	[0.1, 1.1]	100.0
W/E Central/E (n=979)	3.1	[2.2, 4.3]	96.4	[95.1, 97.4]	0.5	[0.2, 1.3]	100.0
S Central/SW/SE (n=633)	3.0	[2.0, 4.6]	96.6	[95.0, 97.7]	0.4	[0.2, 1.1]	100.0
Detroit Metro (n=910)	2.4	[1.6, 3.5]	97.6	[96.5, 98.4]	0.0		100.0
Pearson: Uncorrected chi2(6) =	12.4614						
Design-based F(5.42, 16717.41) =	2.6257	Pr =	0.019				
Chronic condition (2016/2017 survey or DW)							
Yes (n=2,468)	3.8	[3.1, 4.7]	95.9	[95.0, 96.6]	0.3	[0.2, 0.6]	100.0
No (n=628)	0.0		99.9	[99.5, 100.0]	0.1	[0.0, 0.5]	100.0
Pearson: Uncorrected chi2(2) =	29.7802						
Design-based F(1.79, 5531.56) =	18.8496	Pr =	0.000				
Total (n=3,096)	2.9	[2.4, 3.6]	96.8	[96.1, 97.4]	0.3	[0.1, 0.5]	100.0

Note: Total count is less than universe count due to item non-response.

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

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Yes		Stroke		No		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group									
Still enrolled (n=2,387)	2.4	[1.7, 3.3]	97.5	[96.5, 98.1]	0.1	[0.0, 0.5]			100.0
No longer enrolled (n=709)	2.8	[1.6, 5.1]	97.0	[94.7, 98.3]	0.2	[0.0, 1.2]			100.0
Pearson: Uncorrected chi2(2) =	0.4435								
Design-based F(1.93, 5947.98) =	0.1456	Pr =	0.857						
Age									
19-34 (n=909)	0.1	[0.0, 0.4]	99.9	[99.5, 100.0]	0.1	[0.0, 0.5]			100.0
35-50 (n=969)	3.9	[2.5, 6.0]	95.8	[93.6, 97.2]	0.3	[0.1, 1.2]			100.0
51-64 (n=1,218)	4.0	[2.9, 5.7]	95.9	[94.2, 97.1]	0.1	[0.0, 0.4]			100.0
Pearson: Uncorrected chi2(4) =	48.2613								
Design-based F(3.45, 10632.51) =	12.2839	Pr =	0.000						
Gender									
Male (n=1,229)	3.6	[2.5, 5.2]	96.2	[94.6, 97.4]	0.2	[0.0, 0.8]			100.0
Female (n=1,867)	1.6	[1.1, 2.3]	98.3	[97.6, 98.9]	0.1	[0.0, 0.5]			100.0
Pearson: Uncorrected chi2(2) =	13.6050								
Design-based F(1.99, 6150.35) =	5.3842	Pr =	0.005						
Race/ethnicity									
White, non-Hispanic (n=2,058)	2.2	[1.5, 3.3]	97.5	[96.4, 98.3]	0.2	[0.1, 0.7]			100.0
Black, non-Hispanic (n=634)	2.4	[1.3, 4.4]	97.6	[95.6, 98.7]	0.0				100.0
Hispanic (n=138)	2.1	[0.5, 8.3]	97.9	[91.7, 99.5]	0.0				100.0
Other, non-Hispanic (n=227)	5.1	[2.6, 9.6]	94.9	[90.4, 97.4]	0.0				100.0
Pearson: Uncorrected chi2(6) =	10.6415								
Design-based F(5.94, 18089.51) =	1.0816	Pr =	0.371						
FPL category									
0-35% (n=1,218)	3.5	[2.4, 5.0]	96.5	[95.0, 97.6]	0.0				100.0
36-99% (n=1,084)	1.5	[0.9, 2.5]	98.2	[97.1, 98.9]	0.3	[0.1, 1.4]			100.0
100%+ (n=794)	1.3	[0.8, 2.3]	98.4	[97.3, 99.0]	0.3	[0.1, 1.2]			100.0
Pearson: Uncorrected chi2(4) =	18.8032								
Design-based F(3.73, 11491.52) =	4.2555	Pr =	0.003						
Region									
UP/NW/NE (n=574)	1.9	[1.1, 3.4]	97.9	[96.4, 98.8]	0.2	[0.0, 1.3]			100.0
W/E Central/E (n=979)	2.3	[1.4, 3.5]	97.7	[96.4, 98.5]	0.1	[0.0, 0.7]			100.0
S Central/SW/SE (n=633)	3.2	[1.9, 5.2]	96.6	[94.6, 97.9]	0.2	[0.0, 1.4]			100.0
Detroit Metro (n=910)	2.5	[1.5, 4.2]	97.3	[95.6, 98.4]	0.1	[0.0, 1.0]			100.0
Pearson: Uncorrected chi2(6) =	2.0796								
Design-based F(5.08, 15651.63) =	0.3120	Pr =	0.908						
Chronic condition (2016/2017 survey or DW)									
Yes (n=2,468)	3.3	[2.5, 4.3]	96.5	[95.5, 97.4]	0.2	[0.1, 0.5]			100.0
No (n=628)	0.0		100.0		0.0				100.0
Pearson: Uncorrected chi2(2) =	25.5329								
Design-based F(1.98, 6104.63) =	8.6102	Pr =	0.000						
Total (n=3,096)	2.5	[1.9, 3.3]	97.3	[96.5, 98.0]	0.1	[0.0, 0.4]			100.0

Note: Total count is less than universe count due to item non-response.

1.10.13 Q: Has a doctor or other health professional ever told you that you had any other ongoing health condition?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Other chronic condition				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Follow-up group					
Still enrolled (n=2,384)	30.7	[28.4, 33.1]	69.3	[66.9, 71.6]	100.0
No longer enrolled (n=709)	27.1	[23.3, 31.2]	72.9	[68.8, 76.7]	100.0
Pearson: Uncorrected chi2(1) =	3.3967				
Design-based F(1.00, 3081.00) =	2.2684	Pr =	0.132		
Age					
19-34 (n=906)	21.9	[18.7, 25.4]	78.1	[74.6, 81.3]	100.0
35-50 (n=969)	34.7	[31.1, 38.5]	65.3	[61.5, 68.9]	100.0
51-64 (n=1,218)	34.5	[31.3, 37.8]	65.5	[62.2, 68.7]	100.0
Pearson: Uncorrected chi2(2) =	55.6038				
Design-based F(1.94, 5966.15) =	17.7823	Pr =	0.000		
Gender					
Male (n=1,228)	26.6	[23.7, 29.7]	73.4	[70.3, 76.3]	100.0
Female (n=1,865)	32.7	[30.1, 35.5]	67.3	[64.5, 69.9]	100.0
Pearson: Uncorrected chi2(1) =	13.8087				
Design-based F(1.00, 3081.00) =	8.6422	Pr =	0.003		
Race/ethnicity					
White, non-Hispanic (n=2,054)	34.4	[31.7, 37.1]	65.6	[62.9, 68.3]	100.0
Black, non-Hispanic (n=634)	18.2	[15.1, 21.9]	81.8	[78.1, 84.9]	100.0
Hispanic (n=138)	25.9	[18.7, 34.8]	74.1	[65.2, 81.3]	100.0
Other, non-Hispanic (n=228)	34.8	[27.8, 42.6]	65.2	[57.4, 72.2]	100.0
Pearson: Uncorrected chi2(3) =	74.7623				
Design-based F(2.98, 9053.50) =	16.1944	Pr =	0.000		
FPL category					
0-35% (n=1,215)	31.3	[28.1, 34.5]	68.7	[65.5, 71.9]	100.0
36-99% (n=1,084)	28.4	[25.3, 31.6]	71.6	[68.4, 74.7]	100.0
100%+ (n=794)	28.2	[24.8, 31.9]	71.8	[68.1, 75.2]	100.0
Pearson: Uncorrected chi2(2) =	3.2531				
Design-based F(1.94, 5967.43) =	1.2887	Pr =	0.275		
Region					
UP/NW/NE (n=573)	32.2	[28.1, 36.6]	67.8	[63.4, 71.9]	100.0
W/E Central/E (n=979)	34.5	[31.2, 38.1]	65.5	[61.9, 68.8]	100.0
S Central/SW/SE (n=632)	33.1	[29.0, 37.5]	66.9	[62.5, 71.0]	100.0
Detroit Metro (n=909)	24.7	[21.4, 28.3]	75.3	[71.7, 78.6]	100.0
Pearson: Uncorrected chi2(3) =	30.0202				
Design-based F(2.63, 8107.47) =	8.0049	Pr =	0.000		
Chronic condition (2016/2017 survey or DW)					
Yes (n=2,467)	33.8	[31.5, 36.1]	66.2	[63.9, 68.5]	100.0
No (n=626)	16.9	[13.4, 21.0]	83.1	[79.0, 86.6]	100.0
Pearson: Uncorrected chi2(1) =	74.9782				
Design-based F(1.00, 3081.00) =	40.6498	Pr =	0.000		
Total (n=3,093)	29.8	[27.9, 31.9]	70.2	[68.1, 72.1]	100.0

Note: Total count is less than universe count due to item non-response.

1.10.13.1 Q: What is the condition?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: Respondents who indicated other chronic condition (n = 993)

Other conditions	Weighted Proportion	95%CI
Other (n=745)	76.2	[72.5, 79.5]
Back pain (n=161)	15.1	[12.6, 18.0]
Thyroid/hypo-thyroid (n=100)	10.5	[7.9, 13.7]
Cholesterol (n=82)	8.0	[6.2, 10.4]
Allergies (n=24)	2.0	[1.3, 3.2]
Don't know (n=2)	0.3	[0.1, 1.1]

Note: Respondents were able to provide multiple responses

- 2 Aim 2: To describe perceptions and understanding of Medicaid coverage, HMP policies, and cost-sharing and how these change over time with enrollment.**

2.1 Q: Do you think eyeglasses are covered, not covered, or don't know?

Follow-up group(s): Still enrolled

Universe: All respondents

	Knowledge that eyeglasses are covered						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,388)	67.9	[65.4, 70.3]	7.3	[6.1, 8.7]	24.9	[22.6, 27.3]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=664)	66.3	[61.6, 70.7]	6.9	[5.0, 9.3]	26.8	[22.7, 31.4]	100.0
35-50 (n=760)	67.6	[63.0, 71.8]	7.9	[5.8, 10.8]	24.5	[20.6, 28.8]	100.0
51-64 (n=964)	70.2	[66.6, 73.6]	6.9	[5.2, 9.2]	22.9	[19.8, 26.2]	100.0
Pearson: Uncorrected chi2(4) =	4.1483						
Design-based F(3.83, 9107.13) =	0.6487	Pr =	0.621				
Gender							
Male (n=933)	59.9	[55.7, 63.9]	9.5	[7.4, 12.1]	30.6	[26.8, 34.7]	100.0
Female (n=1,455)	74.7	[71.8, 77.4]	5.3	[4.1, 6.8]	20.0	[17.4, 22.8]	100.0
Pearson: Uncorrected chi2(2) =	60.7863						
Design-based F(1.98, 4702.36) =	19.0850	Pr =	0.000				
Race/ethnicity							
White, non-Hispanic (n=1,603)	69.9	[66.9, 72.7]	8.2	[6.7, 10.0]	21.9	[19.4, 24.6]	100.0
Black, non-Hispanic (n=479)	64.0	[58.2, 69.4]	5.6	[3.5, 8.9]	30.4	[25.2, 36.1]	100.0
Hispanic (n=100)	74.1	[63.0, 82.7]	4.4	[1.7, 10.6]	21.6	[13.6, 32.4]	100.0
Other, non-Hispanic (n=176)	60.6	[50.9, 69.6]	7.4	[3.7, 14.0]	32.0	[23.5, 41.9]	100.0
Pearson: Uncorrected chi2(6) =	27.3111						
Design-based F(5.77, 13544.97) =	2.5864	Pr =	0.018				
FPL category							
0-35% (n=1,001)	67.3	[63.4, 71.0]	7.3	[5.5, 9.5]	25.4	[22.0, 29.2]	100.0
36-99% (n=824)	71.6	[67.8, 75.1]	6.2	[4.5, 8.6]	22.2	[19.1, 25.7]	100.0
100%+ (n=563)	64.2	[59.4, 68.7]	8.8	[6.5, 11.7]	27.0	[22.9, 31.6]	100.0
Pearson: Uncorrected chi2(4) =	7.3812						
Design-based F(3.84, 9133.61) =	1.4301	Pr =	0.223				
Region							
UP/NW/NE (n=450)	72.7	[67.6, 77.2]	7.7	[5.3, 11.0]	19.6	[15.6, 24.4]	100.0
W/E Central/E (n=777)	69.2	[65.3, 72.8]	8.1	[6.2, 10.6]	22.7	[19.4, 26.3]	100.0
S Central/SW/SE (n=464)	66.6	[61.6, 71.3]	9.0	[6.5, 12.3]	24.4	[20.2, 29.1]	100.0
Detroit Metro (n=697)	66.5	[61.8, 70.8]	5.9	[4.0, 8.6]	27.6	[23.5, 32.2]	100.0
Pearson: Uncorrected chi2(6) =	13.5452						
Design-based F(5.19, 12339.01) =	1.7889	Pr =	0.108				
Chronic condition (2016/2017 survey or DW)							
Yes (n=1,931)	68.7	[65.8, 71.4]	6.8	[5.6, 8.4]	24.5	[22.0, 27.2]	100.0
No (n=457)	65.1	[59.4, 70.3]	8.8	[5.9, 12.7]	26.2	[21.4, 31.6]	100.0
Pearson: Uncorrected chi2(2) =	3.2600						
Design-based F(2.00, 4751.46) =	0.9138	Pr =	0.401				
Total (n=2,388)	67.9	[65.4, 70.3]	7.3	[6.1, 8.7]	24.9	[22.6, 27.3]	100.0

2.2 Q: Do you think prescription medications are covered, not covered, or don't know?

Follow-up group(s): Still enrolled

Universe: All respondents

	Knowledge that prescription medications are covered						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,388)	95.1	[93.8, 96.1]	1.1	[0.6, 2.1]	3.8	[2.9, 4.9]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=664)	93.1	[89.9, 95.3]	1.8	[0.7, 4.4]	5.1	[3.3, 7.8]	100.0
35-50 (n=760)	96.2	[94.3, 97.5]	0.5	[0.2, 1.5]	3.3	[2.1, 5.1]	100.0
51-64 (n=964)	96.2	[94.4, 97.4]	1.1	[0.4, 2.6]	2.7	[1.8, 4.1]	100.0
Pearson: Uncorrected chi2(4) =	13.5917						
Design-based F(3.70, 8788.01) =	2.0934	Pr =	0.084				
Gender							
Male (n=933)	94.0	[91.6, 95.8]	1.2	[0.4, 3.3]	4.7	[3.3, 6.8]	100.0
Female (n=1,455)	96.0	[94.5, 97.1]	1.1	[0.6, 2.1]	2.9	[2.0, 4.2]	100.0
Pearson: Uncorrected chi2(2) =	5.3707						
Design-based F(1.90, 4504.60) =	1.2804	Pr =	0.277				
Race/ethnicity							
White, non-Hispanic (n=1,603)	96.2	[94.9, 97.2]	0.4	[0.2, 1.0]	3.3	[2.4, 4.6]	100.0
Black, non-Hispanic (n=479)	93.8	[90.2, 96.1]	2.4	[0.9, 6.0]	3.8	[2.3, 6.3]	100.0
Hispanic (n=100)	95.8	[89.6, 98.4]	1.7	[0.3, 7.7]	2.6	[0.8, 7.9]	100.0
Other, non-Hispanic (n=176)	92.4	[83.4, 96.7]	1.8	[0.4, 7.4]	5.8	[2.1, 15.1]	100.0
Pearson: Uncorrected chi2(6) =	19.4188						
Design-based F(5.19, 12168.34) =	1.7843	Pr =	0.109				
FPL category							
0-35% (n=1,001)	94.5	[92.2, 96.1]	1.4	[0.6, 3.1]	4.2	[2.8, 6.1]	100.0
36-99% (n=824)	96.5	[94.8, 97.7]	0.8	[0.3, 1.6]	2.7	[1.7, 4.3]	100.0
100%+ (n=563)	94.9	[92.5, 96.5]	1.1	[0.4, 2.9]	4.1	[2.7, 6.1]	100.0
Pearson: Uncorrected chi2(4) =	3.9133						
Design-based F(3.66, 8706.18) =	0.7769	Pr =	0.530				
Region							
UP/NW/NE (n=450)	97.0	[94.8, 98.3]	0.4	[0.1, 1.7]	2.5	[1.4, 4.7]	100.0
W/E Central/E (n=777)	96.2	[94.4, 97.5]	0.2	[0.0, 0.7]	3.6	[2.4, 5.5]	100.0
S Central/SW/SE (n=464)	95.5	[92.7, 97.3]	1.4	[0.6, 3.3]	3.1	[1.7, 5.6]	100.0
Detroit Metro (n=697)	93.7	[91.0, 95.7]	1.9	[0.9, 4.0]	4.4	[2.9, 6.7]	100.0
Pearson: Uncorrected chi2(6) =	14.7855						
Design-based F(4.96, 11788.74) =	2.3109	Pr =	0.042				
Chronic condition (2016/2017 survey or DW)							
Yes (n=1,931)	95.8	[94.4, 96.9]	1.3	[0.7, 2.5]	2.9	[2.1, 4.0]	100.0
No (n=457)	92.5	[88.7, 95.1]	0.5	[0.1, 2.1]	7.1	[4.6, 10.8]	100.0
Pearson: Uncorrected chi2(2) =	22.4020						
Design-based F(1.99, 4730.46) =	6.7562	Pr =	0.001				
Total (n=2,388)	95.1	[93.8, 96.1]	1.1	[0.6, 2.1]	3.8	[2.9, 4.9]	100.0

2.3 Q: Do you think routine dental care is covered, not covered, or don't know?

Follow-up group(s): Still enrolled

Universe: All respondents

	Knowledge that routine dental care is covered						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,388)	81.6	[79.5, 83.5]	4.5	[3.5, 5.6]	14.0	[12.2, 15.9]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=664)	82.4	[78.4, 85.8]	5.2	[3.4, 7.8]	12.4	[9.5, 16.0]	100.0
35-50 (n=760)	82.3	[78.6, 85.5]	3.1	[1.9, 4.9]	14.6	[11.7, 18.1]	100.0
51-64 (n=964)	79.6	[76.4, 82.5]	5.3	[3.8, 7.3]	15.1	[12.6, 18.0]	100.0
Pearson: Uncorrected chi2(4) =	8.5984						
Design-based F(3.84, 9130.04) =	1.3533	Pr =	0.249				
Gender							
Male (n=933)	79.7	[76.2, 82.9]	4.5	[3.1, 6.5]	15.7	[12.9, 19.0]	100.0
Female (n=1,455)	83.1	[80.6, 85.4]	4.4	[3.3, 5.9]	12.4	[10.5, 14.7]	100.0
Pearson: Uncorrected chi2(2) =	5.5201						
Design-based F(2.00, 4750.14) =	1.6754	Pr =	0.187				
Race/ethnicity							
White, non-Hispanic (n=1,603)	82.7	[80.2, 85.0]	3.6	[2.6, 4.8]	13.7	[11.6, 16.1]	100.0
Black, non-Hispanic (n=479)	80.1	[75.3, 84.2]	4.3	[2.7, 6.9]	15.6	[11.9, 20.1]	100.0
Hispanic (n=100)	79.3	[68.3, 87.1]	7.4	[2.8, 18.3]	13.3	[7.7, 22.1]	100.0
Other, non-Hispanic (n=176)	79.4	[71.0, 85.8]	9.1	[4.8, 16.4]	11.5	[7.1, 18.2]	100.0
Pearson: Uncorrected chi2(6) =	17.5050						
Design-based F(5.84, 13710.01) =	1.6915	Pr =	0.121				
FPL category							
0-35% (n=1,001)	82.7	[79.5, 85.5]	3.7	[2.5, 5.4]	13.6	[11.1, 16.5]	100.0
36-99% (n=824)	81.3	[77.9, 84.3]	4.6	[3.2, 6.7]	14.1	[11.4, 17.2]	100.0
100%+ (n=563)	78.4	[74.0, 82.3]	6.6	[4.4, 10.0]	14.9	[11.8, 18.8]	100.0
Pearson: Uncorrected chi2(4) =	7.4923						
Design-based F(3.89, 9234.52) =	1.3525	Pr =	0.249				
Region							
UP/NW/NE (n=450)	87.1	[83.2, 90.3]	2.3	[1.3, 4.1]	10.6	[7.7, 14.4]	100.0
W/E Central/E (n=777)	79.9	[76.3, 83.1]	4.7	[3.1, 7.1]	15.4	[12.6, 18.7]	100.0
S Central/SW/SE (n=464)	81.5	[77.3, 85.1]	4.9	[3.1, 7.5]	13.6	[10.6, 17.4]	100.0
Detroit Metro (n=697)	81.6	[77.7, 84.9]	4.6	[3.1, 6.7]	13.8	[10.9, 17.4]	100.0
Pearson: Uncorrected chi2(6) =	6.5214						
Design-based F(5.14, 12212.39) =	0.9123	Pr =	0.474				
Chronic condition (2016/2017 survey or DW)							
Yes (n=1,931)	81.0	[78.6, 83.2]	4.8	[3.7, 6.2]	14.3	[12.3, 16.4]	100.0
No (n=457)	83.7	[79.2, 87.5]	3.4	[2.1, 5.5]	12.8	[9.4, 17.3]	100.0
Pearson: Uncorrected chi2(2) =	2.6388						
Design-based F(1.93, 4583.82) =	0.8730	Pr =	0.414				
Total (n=2,388)	81.6	[79.5, 83.5]	4.5	[3.5, 5.6]	14.0	[12.2, 15.9]	100.0

2.4 Q: Do you think treatment to stop smoking is covered, not covered, or don't know?

Follow-up group(s): Still enrolled

Universe: All respondents

	Knowledge that treatment to stop smoking is covered						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,386)	39.7	[37.2, 42.2]	5.4	[4.3, 6.6]	55.0	[52.4, 57.5]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=663)	36.9	[32.5, 41.6]	5.6	[3.9, 8.1]	57.5	[52.7, 62.1]	100.0
35-50 (n=759)	37.7	[33.6, 42.0]	6.2	[4.4, 8.7]	56.1	[51.6, 60.4]	100.0
51-64 (n=964)	45.5	[41.7, 49.4]	4.0	[2.9, 5.6]	50.5	[46.7, 54.4]	100.0
Pearson: Uncorrected chi2(4) =	15.6045						
Design-based F(3.80, 9015.10) =	2.6192	Pr =	0.036				
Gender							
Male (n=932)	41.1	[37.2, 45.2]	5.9	[4.3, 8.1]	53.0	[48.9, 57.0]	100.0
Female (n=1,454)	38.4	[35.4, 41.6]	4.9	[3.7, 6.4]	56.7	[53.4, 59.8]	100.0
Pearson: Uncorrected chi2(2) =	3.7041						
Design-based F(2.00, 4737.16) =	1.1496	Pr =	0.317				
Race/ethnicity							
White, non-Hispanic (n=1,601)	44.3	[41.1, 47.4]	4.5	[3.3, 6.0]	51.3	[48.1, 54.4]	100.0
Black, non-Hispanic (n=479)	34.0	[29.0, 39.4]	8.3	[5.8, 11.7]	57.7	[52.2, 63.1]	100.0
Hispanic (n=100)	30.9	[21.6, 42.2]	4.7	[1.9, 11.3]	64.3	[52.9, 74.4]	100.0
Other, non-Hispanic (n=176)	29.4	[22.1, 38.0]	2.8	[1.3, 6.1]	67.8	[59.1, 75.3]	100.0
Pearson: Uncorrected chi2(6) =	47.2484						
Design-based F(5.75, 13475.53) =	5.3120	Pr =	0.000				
FPL category							
0-35% (n=1,000)	42.0	[38.3, 45.9]	5.8	[4.3, 7.9]	52.1	[48.2, 56.0]	100.0
36-99% (n=823)	36.2	[32.3, 40.3]	3.9	[2.8, 5.5]	59.9	[55.8, 63.9]	100.0
100%+ (n=563)	37.4	[32.9, 42.1]	6.1	[4.3, 8.5]	56.5	[51.8, 61.1]	100.0
Pearson: Uncorrected chi2(4) =	12.6113						
Design-based F(3.80, 9012.43) =	2.6882	Pr =	0.032				
Region							
UP/NW/NE (n=449)	41.6	[36.6, 46.8]	6.8	[4.5, 10.3]	51.5	[46.3, 56.8]	100.0
W/E Central/E (n=776)	43.7	[39.7, 47.8]	5.7	[4.0, 7.9]	50.6	[46.6, 54.7]	100.0
S Central/SW/SE (n=464)	42.4	[37.3, 47.6]	4.1	[2.7, 6.3]	53.5	[48.3, 58.7]	100.0
Detroit Metro (n=697)	35.5	[31.2, 40.0]	5.4	[3.7, 7.8]	59.2	[54.6, 63.6]	100.0
Pearson: Uncorrected chi2(6) =	17.0958						
Design-based F(5.28, 12541.35) =	2.3893	Pr =	0.033				
Chronic condition (2016/2017 survey or DW)							
Yes (n=1,929)	41.1	[38.3, 43.9]	5.4	[4.3, 6.8]	53.5	[50.6, 56.4]	100.0
No (n=457)	34.7	[29.6, 40.2]	5.1	[3.1, 8.3]	60.2	[54.5, 65.6]	100.0
Pearson: Uncorrected chi2(2) =	7.4697						
Design-based F(2.00, 4746.32) =	2.1855	Pr =	0.113				
Total (n=2,386)	39.7	[37.2, 42.2]	5.4	[4.3, 6.6]	55.0	[52.4, 57.5]	100.0

Note: Total count is less than universe count due to item non-response.

2.5 Q: Do you think birth control or family planning is covered, not covered, or don't know?

Follow-up group(s): Still enrolled

Universe: All respondents

	Knowledge that birth control/family planning is covered						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,388)	48.1	[45.5, 50.7]	4.2	[3.2, 5.5]	47.7	[45.1, 50.4]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=664)	57.9	[52.9, 62.6]	4.8	[2.9, 7.8]	37.4	[32.7, 42.3]	100.0
35-50 (n=760)	48.6	[44.1, 53.2]	3.4	[2.2, 5.4]	47.9	[43.4, 52.5]	100.0
51-64 (n=964)	35.2	[31.6, 38.9]	4.4	[2.9, 6.5]	60.5	[56.6, 64.2]	100.0
Pearson: Uncorrected chi2(4) =	85.6716						
Design-based F(3.80, 9031.67) =	12.2140	Pr =	0.000				
Gender							
Male (n=933)	32.8	[29.1, 36.7]	6.2	[4.5, 8.4]	61.0	[57.0, 64.9]	100.0
Female (n=1,455)	61.1	[57.8, 64.3]	2.5	[1.4, 4.2]	36.4	[33.3, 39.6]	100.0
Pearson: Uncorrected chi2(2) =	193.8768						
Design-based F(1.96, 4656.78) =	48.8699	Pr =	0.000				
Race/ethnicity							
White, non-Hispanic (n=1,603)	48.5	[45.3, 51.6]	3.3	[2.2, 5.0]	48.2	[45.0, 51.4]	100.0
Black, non-Hispanic (n=479)	52.4	[46.8, 58.0]	5.7	[3.7, 8.9]	41.8	[36.3, 47.5]	100.0
Hispanic (n=100)	43.9	[32.8, 55.7]	0.0		56.1	[44.3, 67.2]	100.0
Other, non-Hispanic (n=176)	34.5	[26.6, 43.4]	6.9	[3.3, 13.8]	58.6	[49.4, 67.2]	100.0
Pearson: Uncorrected chi2(6) =	36.6662						
Design-based F(5.92, 13892.24) =	3.2825	Pr =	0.003				
FPL category							
0-35% (n=1,001)	43.7	[39.9, 47.7]	4.9	[3.3, 7.1]	51.4	[47.5, 55.3]	100.0
36-99% (n=824)	53.0	[48.8, 57.1]	3.2	[2.1, 4.9]	43.8	[39.7, 47.9]	100.0
100%+ (n=563)	54.4	[49.6, 59.2]	3.5	[2.0, 6.0]	42.1	[37.4, 46.9]	100.0
Pearson: Uncorrected chi2(4) =	23.8386						
Design-based F(3.85, 9154.64) =	4.4803	Pr =	0.002				
Region							
UP/NW/NE (n=450)	52.0	[46.8, 57.2]	1.2	[0.5, 3.0]	46.8	[41.6, 52.0]	100.0
W/E Central/E (n=777)	48.6	[44.5, 52.6]	3.8	[2.5, 5.9]	47.6	[43.5, 51.7]	100.0
S Central/SW/SE (n=464)	50.5	[45.2, 55.7]	4.0	[2.3, 7.0]	45.5	[40.4, 50.7]	100.0
Detroit Metro (n=697)	46.0	[41.4, 50.7]	5.1	[3.3, 7.7]	48.9	[44.2, 53.6]	100.0
Pearson: Uncorrected chi2(6) =	9.8928						
Design-based F(5.16, 12257.87) =	1.2883	Pr =	0.265				
Chronic condition (2016/2017 survey or DW)							
Yes (n=1,931)	47.6	[44.7, 50.5]	4.6	[3.4, 6.2]	47.8	[44.9, 50.7]	100.0
No (n=457)	49.9	[44.2, 55.6]	2.5	[1.3, 5.0]	47.6	[41.9, 53.3]	100.0
Pearson: Uncorrected chi2(2) =	4.7909						
Design-based F(2.00, 4749.79) =	1.3705	Pr =	0.254				
Total (n=2,388)	48.1	[45.5, 50.7]	4.2	[3.2, 5.5]	47.7	[45.1, 50.4]	100.0

2.6 Q: Do you think counseling for mental or emotional problems is covered, not covered, or don't know?

Follow-up group(s): Still enrolled

Universe: All respondents

	Knowledge that counseling is covered						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,388)	58.8	[56.2, 61.4]	4.2	[3.2, 5.4]	37.0	[34.5, 39.6]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=664)	59.2	[54.3, 63.8]	5.0	[3.3, 7.5]	35.8	[31.3, 40.7]	100.0
35-50 (n=760)	58.5	[53.8, 63.0]	4.1	[2.5, 6.6]	37.4	[33.0, 42.0]	100.0
51-64 (n=964)	58.7	[54.9, 62.4]	3.3	[2.2, 4.9]	38.0	[34.4, 41.8]	100.0
Pearson: Uncorrected chi2(4) =	3.2475						
Design-based F(3.80, 9035.42) =	0.4851	Pr =	0.737				
Gender							
Male (n=933)	54.1	[49.9, 58.2]	5.9	[4.2, 8.3]	40.0	[35.9, 44.1]	100.0
Female (n=1,455)	62.8	[59.6, 66.0]	2.7	[1.8, 4.0]	34.5	[31.4, 37.7]	100.0
Pearson: Uncorrected chi2(2) =	27.5418						
Design-based F(2.00, 4750.11) =	8.0642	Pr =	0.000				
Race/ethnicity							
White, non-Hispanic (n=1,603)	63.6	[60.5, 66.6]	3.1	[2.2, 4.4]	33.3	[30.3, 36.4]	100.0
Black, non-Hispanic (n=479)	52.5	[46.8, 58.1]	6.4	[4.1, 9.8]	41.2	[35.6, 46.9]	100.0
Hispanic (n=100)	58.0	[45.9, 69.1]	0.0		42.0	[30.9, 54.1]	100.0
Other, non-Hispanic (n=176)	45.2	[36.4, 54.3]	6.2	[2.7, 13.7]	48.6	[39.4, 57.8]	100.0
Pearson: Uncorrected chi2(6) =	50.7849						
Design-based F(5.86, 13736.17) =	4.5405	Pr =	0.000				
FPL category							
0-35% (n=1,001)	59.0	[55.0, 62.9]	5.3	[3.8, 7.4]	35.7	[31.9, 39.7]	100.0
36-99% (n=824)	57.8	[53.7, 61.8]	2.8	[1.7, 4.6]	39.4	[35.5, 43.4]	100.0
100%+ (n=563)	59.7	[54.9, 64.3]	2.6	[1.5, 4.4]	37.7	[33.1, 42.5]	100.0
Pearson: Uncorrected chi2(4) =	11.3902						
Design-based F(3.82, 9070.12) =	2.2732	Pr =	0.062				
Region							
UP/NW/NE (n=450)	61.0	[55.8, 66.0]	2.2	[1.1, 4.6]	36.7	[31.8, 41.9]	100.0
W/E Central/E (n=777)	63.2	[59.3, 67.0]	3.4	[2.2, 5.3]	33.3	[29.6, 37.2]	100.0
S Central/SW/SE (n=464)	63.8	[58.6, 68.7]	4.7	[2.6, 8.3]	31.5	[26.9, 36.5]	100.0
Detroit Metro (n=697)	53.4	[48.6, 58.1]	4.9	[3.3, 7.3]	41.7	[37.1, 46.5]	100.0
Pearson: Uncorrected chi2(6) =	26.2027						
Design-based F(5.28, 12546.25) =	3.3262	Pr =	0.004				
Chronic condition (2016/2017 survey or DW)							
Yes (n=1,931)	60.2	[57.3, 63.1]	4.0	[3.0, 5.3]	35.8	[33.0, 38.7]	100.0
No (n=457)	53.7	[48.0, 59.3]	4.8	[2.6, 8.7]	41.5	[36.0, 47.2]	100.0
Pearson: Uncorrected chi2(2) =	7.1064						
Design-based F(1.96, 4660.46) =	1.7640	Pr =	0.172				
Total (n=2,388)	58.8	[56.2, 61.4]	4.2	[3.2, 5.4]	37.0	[34.5, 39.6]	100.0

2.7 Q: Do you think substance use treatment is covered, not covered, or don't know?

Follow-up group(s): Still enrolled

Universe: All respondents

	Knowledge that substance use treatment is covered						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,388)	41.4	[38.8, 43.9]	4.7	[3.7, 5.9]	54.0	[51.4, 56.5]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=664)	36.2	[31.8, 40.9]	4.6	[3.1, 6.8]	59.2	[54.5, 63.8]	100.0
35-50 (n=760)	43.4	[39.0, 48.0]	5.8	[4.0, 8.4]	50.8	[46.2, 55.3]	100.0
51-64 (n=964)	45.3	[41.5, 49.1]	3.4	[2.3, 5.1]	51.3	[47.4, 55.1]	100.0
Pearson: Uncorrected chi2(4) =	20.4732						
Design-based F(3.84, 9112.40) =	3.3265	Pr =	0.011				
Gender							
Male (n=933)	42.4	[38.4, 46.5]	6.6	[4.9, 8.9]	51.0	[46.8, 55.1]	100.0
Female (n=1,455)	40.5	[37.3, 43.7]	3.0	[2.2, 4.3]	56.5	[53.2, 59.7]	100.0
Pearson: Uncorrected chi2(2) =	20.1864						
Design-based F(1.98, 4711.14) =	6.4061	Pr =	0.002				
Race/ethnicity							
White, non-Hispanic (n=1,603)	42.4	[39.2, 45.5]	3.5	[2.6, 4.6]	54.2	[51.0, 57.3]	100.0
Black, non-Hispanic (n=479)	43.1	[37.7, 48.8]	6.3	[4.1, 9.5]	50.6	[44.9, 56.2]	100.0
Hispanic (n=100)	43.0	[31.7, 55.1]	4.3	[1.2, 14.2]	52.7	[40.8, 64.4]	100.0
Other, non-Hispanic (n=176)	29.6	[22.2, 38.3]	8.1	[4.0, 15.7]	62.3	[53.2, 70.7]	100.0
Pearson: Uncorrected chi2(6) =	25.0977						
Design-based F(5.89, 13809.02) =	2.2831	Pr =	0.034				
FPL category							
0-35% (n=1,001)	43.4	[39.6, 47.4]	5.5	[4.0, 7.5]	51.1	[47.1, 55.0]	100.0
36-99% (n=824)	38.4	[34.4, 42.5]	3.7	[2.5, 5.5]	57.9	[53.8, 62.0]	100.0
100%+ (n=563)	39.2	[34.7, 44.0]	3.7	[2.4, 5.7]	57.1	[52.3, 61.7]	100.0
Pearson: Uncorrected chi2(4) =	11.8603						
Design-based F(3.82, 9075.40) =	2.4794	Pr =	0.045				
Region							
UP/NW/NE (n=450)	40.5	[35.5, 45.7]	3.1	[1.7, 5.7]	56.4	[51.1, 61.5]	100.0
W/E Central/E (n=777)	40.4	[36.5, 44.4]	4.7	[3.3, 6.5]	55.0	[50.9, 59.0]	100.0
S Central/SW/SE (n=464)	41.1	[36.1, 46.3]	5.0	[3.1, 7.8]	53.9	[48.7, 59.0]	100.0
Detroit Metro (n=697)	42.3	[37.7, 47.0]	4.9	[3.3, 7.3]	52.8	[48.1, 57.4]	100.0
Pearson: Uncorrected chi2(6) =	2.3992						
Design-based F(5.30, 12595.90) =	0.3311	Pr =	0.903				
Chronic condition (2016/2017 survey or DW)							
Yes (n=1,931)	43.4	[40.6, 46.4]	5.0	[4.0, 6.4]	51.5	[48.6, 54.4]	100.0
No (n=457)	33.8	[28.7, 39.3]	3.4	[1.7, 6.7]	62.8	[57.2, 68.1]	100.0
Pearson: Uncorrected chi2(2) =	21.1557						
Design-based F(1.97, 4689.97) =	5.5564	Pr =	0.004				
Total (n=2,388)	41.4	[38.8, 43.9]	4.7	[3.7, 5.9]	54.0	[51.4, 56.5]	100.0

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

Follow-up group(s): Still enrolled

Universe: All respondents

	Could be dropped from HMP for not paying my bill						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,387)	32.6	[30.2, 35.1]	16.6	[14.9, 18.6]	50.8	[48.2, 53.4]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=663)	38.3	[33.7, 43.1]	15.4	[12.4, 18.9]	46.3	[41.6, 51.2]	100.0
35-50 (n=760)	27.7	[23.9, 31.8]	18.2	[15.0, 21.9]	54.1	[49.6, 58.6]	100.0
51-64 (n=964)	31.4	[27.9, 35.1]	16.3	[13.7, 19.2]	52.3	[48.4, 56.1]	100.0
Pearson: Uncorrected chi2(4) =	22.5498						
Design-based F(3.85, 9154.59) =	3.6252	Pr =	0.007				
Gender							
Male (n=932)	33.8	[30.0, 37.8]	15.8	[13.2, 18.8]	50.4	[46.3, 54.5]	100.0
Female (n=1,455)	31.5	[28.6, 34.7]	17.3	[15.0, 20.0]	51.1	[47.8, 54.4]	100.0
Pearson: Uncorrected chi2(2) =	1.8170						
Design-based F(1.99, 4735.63) =	0.5474	Pr =	0.578				
Race/ethnicity							
White, non-Hispanic (n=1,603)	35.3	[32.3, 38.4]	16.4	[14.3, 18.8]	48.3	[45.1, 51.5]	100.0
Black, non-Hispanic (n=479)	27.9	[23.0, 33.3]	16.5	[12.8, 21.1]	55.6	[49.9, 61.2]	100.0
Hispanic (n=100)	33.9	[23.5, 46.1]	15.4	[9.0, 25.2]	50.7	[38.9, 62.4]	100.0
Other, non-Hispanic (n=175)	26.2	[19.0, 34.8]	20.5	[14.4, 28.5]	53.3	[44.2, 62.1]	100.0
Pearson: Uncorrected chi2(6) =	17.0134						
Design-based F(5.92, 13885.31) =	1.6474	Pr =	0.131				
FPL category							
0-35% (n=1,000)	28.6	[25.1, 32.4]	18.2	[15.4, 21.2]	53.2	[49.2, 57.1]	100.0
36-99% (n=824)	33.3	[29.5, 37.4]	15.3	[12.7, 18.3]	51.4	[47.2, 55.5]	100.0
100%+ (n=563)	43.7	[38.9, 48.5]	13.9	[11.0, 17.4]	42.5	[37.8, 47.3]	100.0
Pearson: Uncorrected chi2(4) =	34.4780						
Design-based F(3.82, 9082.58) =	6.7951	Pr =	0.000				
Region							
UP/NW/NE (n=450)	35.1	[30.2, 40.2]	14.8	[11.6, 18.7]	50.1	[45.0, 55.3]	100.0
W/E Central/E (n=777)	34.4	[30.7, 38.3]	17.7	[14.8, 20.9]	47.9	[43.9, 52.0]	100.0
S Central/SW/SE (n=464)	29.3	[24.9, 34.2]	17.0	[13.5, 21.2]	53.7	[48.4, 58.8]	100.0
Detroit Metro (n=696)	32.1	[27.8, 36.7]	16.2	[13.1, 19.7]	51.8	[47.1, 56.4]	100.0
Pearson: Uncorrected chi2(6) =	5.6979						
Design-based F(5.22, 12391.54) =	0.7823	Pr =	0.567				
Chronic condition (2016/2017 survey or DW)							
Yes (n=1,931)	31.8	[29.1, 34.5]	16.8	[14.8, 19.0]	51.4	[48.5, 54.3]	100.0
No (n=456)	35.5	[30.2, 41.2]	15.9	[12.4, 20.3]	48.6	[43.0, 54.2]	100.0
Pearson: Uncorrected chi2(2) =	2.5335						
Design-based F(1.99, 4726.99) =	0.7654	Pr =	0.465				
Total (n=2,387)	32.6	[30.2, 35.1]	16.6	[14.9, 18.6]	50.8	[48.2, 53.4]	100.0

Note: Total count is less than universe count due to item non-response.

2.9 Q: I may get a reduction in the amount I might have to pay if I complete a health risk assessment.

Follow-up group(s): Still enrolled

Universe: All respondents

	May get reduction by completing HRA						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,387)	27.5	[25.2, 29.8]	12.2	[10.6, 13.9]	60.4	[57.8, 62.9]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=663)	28.4	[24.3, 32.9]	13.3	[10.4, 16.8]	58.3	[53.5, 62.9]	100.0
35-50 (n=760)	25.2	[21.5, 29.3]	13.0	[10.3, 16.2]	61.8	[57.4, 66.1]	100.0
51-64 (n=964)	29.0	[25.6, 32.6]	9.8	[7.8, 12.1]	61.3	[57.5, 64.9]	100.0
Pearson: Uncorrected chi2(4) =	8.0503						
Design-based F(3.83, 9086.51) =	1.3022	Pr =	0.268				
Gender							
Male (n=932)	31.1	[27.4, 35.0]	11.7	[9.3, 14.5]	57.2	[53.1, 61.3]	100.0
Female (n=1,455)	24.3	[21.7, 27.2]	12.6	[10.6, 14.9]	63.1	[59.9, 66.1]	100.0
Pearson: Uncorrected chi2(2) =	13.6225						
Design-based F(2.00, 4748.71) =	4.1078	Pr =	0.017				
Race/ethnicity							
White, non-Hispanic (n=1,603)	31.0	[28.1, 34.0]	11.4	[9.6, 13.5]	57.6	[54.4, 60.7]	100.0
Black, non-Hispanic (n=479)	23.9	[19.4, 29.1]	14.1	[10.7, 18.4]	62.0	[56.4, 67.3]	100.0
Hispanic (n=100)	20.4	[12.9, 30.6]	10.9	[5.8, 19.4]	68.7	[57.5, 78.1]	100.0
Other, non-Hispanic (n=175)	19.0	[12.9, 27.0]	11.9	[7.1, 19.4]	69.1	[60.2, 76.8]	100.0
Pearson: Uncorrected chi2(6) =	25.3622						
Design-based F(5.89, 13804.13) =	2.5401	Pr =	0.019				
FPL category							
0-35% (n=1,000)	25.2	[22.0, 28.8]	13.6	[11.2, 16.4]	61.2	[57.4, 65.0]	100.0
36-99% (n=824)	28.0	[24.4, 31.9]	11.2	[8.9, 14.0]	60.8	[56.7, 64.8]	100.0
100%+ (n=563)	33.6	[29.2, 38.3]	9.2	[6.9, 12.1]	57.2	[52.4, 61.8]	100.0
Pearson: Uncorrected chi2(4) =	15.0256						
Design-based F(3.84, 9111.46) =	3.0006	Pr =	0.019				
Region							
UP/NW/NE (n=450)	30.3	[25.8, 35.2]	12.8	[9.6, 17.0]	56.9	[51.6, 61.9]	100.0
W/E Central/E (n=777)	30.6	[27.0, 34.4]	9.9	[7.8, 12.6]	59.5	[55.4, 63.4]	100.0
S Central/SW/SE (n=464)	25.4	[21.1, 30.2]	12.7	[9.7, 16.4]	61.9	[56.8, 66.8]	100.0
Detroit Metro (n=696)	25.5	[21.6, 29.8]	13.3	[10.6, 16.7]	61.2	[56.5, 65.6]	100.0
Pearson: Uncorrected chi2(6) =	10.4528						
Design-based F(5.28, 12550.41) =	1.4320	Pr =	0.206				
Chronic condition (2016/2017 survey or DW)							
Yes (n=1,931)	27.1	[24.6, 29.7]	12.6	[10.8, 14.7]	60.3	[57.4, 63.1]	100.0
No (n=456)	28.8	[23.8, 34.3]	10.5	[7.6, 14.2]	60.7	[55.1, 66.1]	100.0
Pearson: Uncorrected chi2(2) =	1.9644						
Design-based F(1.99, 4727.65) =	0.5992	Pr =	0.549				
Total (n=2,387)	27.5	[25.2, 29.8]	12.2	[10.6, 13.9]	60.4	[57.8, 62.9]	100.0

Note: Total count is less than universe count due to item non-response.

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

Follow-up group(s): Still enrolled

Universe: All respondents

	Some kinds of visits, tests, and medicines have no copays						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,387)	72.4	[70.0, 74.6]	5.8	[4.7, 7.2]	21.8	[19.7, 24.0]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=663)	75.7	[71.3, 79.7]	5.2	[3.6, 7.4]	19.1	[15.4, 23.3]	100.0
35-50 (n=760)	71.5	[67.2, 75.4]	6.6	[4.6, 9.3]	22.0	[18.5, 25.9]	100.0
51-64 (n=964)	69.3	[65.6, 72.8]	5.8	[4.1, 8.0]	24.9	[21.7, 28.4]	100.0
Pearson: Uncorrected chi2(4) =	9.7347						
Design-based F(3.87, 9194.33) =	1.4990	Pr =	0.201				
Gender							
Male (n=932)	69.4	[65.5, 73.0]	6.8	[5.0, 9.3]	23.8	[20.5, 27.4]	100.0
Female (n=1,455)	74.9	[71.9, 77.7]	5.0	[3.9, 6.5]	20.1	[17.5, 23.0]	100.0
Pearson: Uncorrected chi2(2) =	9.4873						
Design-based F(2.00, 4741.62) =	2.8987	Pr =	0.055				
Race/ethnicity							
White, non-Hispanic (n=1,603)	75.0	[72.1, 77.6]	4.6	[3.5, 6.0]	20.4	[18.0, 23.1]	100.0
Black, non-Hispanic (n=479)	67.0	[61.4, 72.1]	7.5	[5.1, 11.1]	25.5	[20.8, 30.8]	100.0
Hispanic (n=100)	68.9	[57.8, 78.3]	11.4	[6.0, 20.7]	19.6	[12.5, 29.5]	100.0
Other, non-Hispanic (n=175)	72.9	[64.3, 80.0]	5.8	[2.8, 11.8]	21.3	[15.0, 29.3]	100.0
Pearson: Uncorrected chi2(6) =	22.3877						
Design-based F(5.90, 13833.48) =	2.2711	Pr =	0.035				
FPL category							
0-35% (n=1,000)	71.8	[68.1, 75.2]	5.9	[4.3, 8.1]	22.2	[19.1, 25.7]	100.0
36-99% (n=824)	70.8	[66.9, 74.3]	6.6	[4.8, 8.9]	22.7	[19.4, 26.2]	100.0
100%+ (n=563)	76.4	[72.2, 80.1]	4.4	[2.9, 6.7]	19.2	[15.8, 23.1]	100.0
Pearson: Uncorrected chi2(4) =	5.0696						
Design-based F(3.82, 9081.96) =	1.0110	Pr =	0.398				
Region							
UP/NW/NE (n=450)	76.4	[71.5, 80.8]	5.7	[3.5, 8.9]	17.9	[14.1, 22.5]	100.0
W/E Central/E (n=777)	73.6	[69.8, 77.0]	5.8	[4.0, 8.4]	20.6	[17.6, 24.0]	100.0
S Central/SW/SE (n=464)	74.4	[69.7, 78.7]	4.2	[2.6, 6.6]	21.4	[17.4, 25.9]	100.0
Detroit Metro (n=696)	69.9	[65.5, 74.0]	6.5	[4.7, 9.0]	23.6	[19.8, 27.8]	100.0
Pearson: Uncorrected chi2(6) =	8.1343						
Design-based F(5.37, 12761.32) =	1.1082	Pr =	0.354				
Chronic condition (2016/2017 survey or DW)							
Yes (n=1,931)	72.9	[70.2, 75.5]	5.7	[4.5, 7.3]	21.3	[19.0, 23.9]	100.0
No (n=456)	70.4	[65.1, 75.1]	6.2	[4.2, 9.2]	23.4	[19.1, 28.4]	100.0
Pearson: Uncorrected chi2(2) =	1.3258						
Design-based F(1.99, 4731.36) =	0.4278	Pr =	0.651				
Total (n=2,387)	72.4	[70.0, 74.6]	5.8	[4.7, 7.2]	21.8	[19.7, 24.0]	100.0

Note: Total count is less than universe count due to item non-response.

2.11 Q: In the past year, have you received a statement from the state that showed the services you received through the Healthy Michigan Plan and how much you owe, if anything?

Follow-up group(s): Still enrolled

Universe: All respondents

	Received MIHA Statement in the past year						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,388)	78.4	[76.0, 80.6]	16.2	[14.2, 18.3]	5.4	[4.3, 6.9]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=664)	73.2	[68.5, 77.4]	19.9	[16.3, 24.1]	6.9	[4.5, 10.4]	100.0
35-50 (n=760)	78.9	[74.8, 82.6]	16.9	[13.6, 20.9]	4.1	[2.7, 6.3]	100.0
51-64 (n=964)	84.1	[80.9, 86.9]	10.6	[8.3, 13.5]	5.2	[3.7, 7.3]	100.0
Pearson: Uncorrected chi2(4) =	32.5819						
Design-based F(3.80, 9026.19) =	4.5847	Pr =	0.001				
Gender							
Male (n=933)	75.0	[71.1, 78.5]	16.8	[13.9, 20.2]	8.2	[6.0, 11.2]	100.0
Female (n=1,455)	81.3	[78.3, 83.9]	15.6	[13.1, 18.5]	3.1	[2.2, 4.3]	100.0
Pearson: Uncorrected chi2(2) =	32.0924						
Design-based F(1.98, 4693.93) =	9.1448	Pr =	0.000				
Race/ethnicity							
White, non-Hispanic (n=1,603)	81.4	[78.4, 84.0]	13.4	[11.0, 16.1]	5.3	[4.0, 7.0]	100.0
Black, non-Hispanic (n=479)	74.2	[68.9, 78.9]	18.5	[14.6, 23.1]	7.3	[4.5, 11.6]	100.0
Hispanic (n=100)	76.1	[63.8, 85.2]	21.1	[12.3, 33.7]	2.8	[1.2, 6.2]	100.0
Other, non-Hispanic (n=176)	70.4	[61.3, 78.1]	27.4	[19.9, 36.6]	2.2	[1.0, 4.6]	100.0
Pearson: Uncorrected chi2(6) =	40.8688						
Design-based F(5.05, 11843.02) =	4.2110	Pr =	0.001				
FPL category							
0-35% (n=1,001)	75.8	[72.1, 79.2]	17.6	[14.6, 21.0]	6.6	[4.7, 9.0]	100.0
36-99% (n=824)	79.6	[75.9, 82.9]	15.1	[12.2, 18.5]	5.3	[3.7, 7.6]	100.0
100%+ (n=563)	84.5	[80.6, 87.7]	13.4	[10.3, 17.1]	2.2	[1.3, 3.6]	100.0
Pearson: Uncorrected chi2(4) =	18.9208						
Design-based F(3.65, 8678.81) =	3.6631	Pr =	0.007				
Region							
UP/NW/NE (n=450)	84.8	[80.3, 88.5]	11.8	[8.6, 16.0]	3.4	[1.8, 6.3]	100.0
W/E Central/E (n=777)	81.6	[78.1, 84.7]	12.7	[10.1, 15.9]	5.6	[4.1, 7.7]	100.0
S Central/SW/SE (n=464)	80.2	[75.3, 84.4]	15.3	[11.7, 19.7]	4.5	[2.4, 8.1]	100.0
Detroit Metro (n=697)	74.1	[69.6, 78.1]	19.8	[16.2, 23.9]	6.1	[4.1, 9.1]	100.0
Pearson: Uncorrected chi2(6) =	24.5593						
Design-based F(5.30, 12592.89) =	2.8629	Pr =	0.012				
Chronic condition (2016/2017 survey or DW)							
Yes (n=1,931)	79.9	[77.2, 82.3]	15.5	[13.3, 18.0]	4.6	[3.5, 6.1]	100.0
No (n=457)	73.0	[67.4, 77.9]	18.5	[14.5, 23.4]	8.5	[5.4, 13.1]	100.0
Pearson: Uncorrected chi2(2) =	15.9795						
Design-based F(1.97, 4689.06) =	3.9407	Pr =	0.020				
Total (n=2,388)	78.4	[76.0, 80.6]	16.2	[14.2, 18.3]	5.4	[4.3, 6.9]	100.0

2.11.1 Q: I carefully review each MI Health Account Statement to see how much I owe.

Follow-up group(s): Still enrolled

Universe: Respondents who received a MI Health Account Statement in the past year (n = 1,957)

	Strongly agree		Agree		Carefully review MIHA Statement				Strongly disagree		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Neutral	Disagree	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group													
Still enrolled (n=1,954)	22.8	[20.6, 25.2]	62.0	[59.2, 64.7]	6.2	[4.9, 7.7]	7.7	[6.3, 9.5]	0.8	[0.4, 1.5]	0.6	[0.3, 1.0]	100.0
Pearson: Uncorrected chi2(0) =	.		.										
Design-based F(., .) =	.	Pr =	.										
Age													
19-34 (n=510)	21.1	[17.3, 25.5]	60.7	[55.3, 65.8]	6.6	[4.3, 9.9]	10.8	[7.9, 14.7]	0.6	[0.2, 2.2]	0.2	[0.0, 0.8]	100.0
35-50 (n=619)	23.6	[19.8, 28.0]	59.3	[54.3, 64.1]	7.0	[4.8, 10.0]	7.8	[5.4, 11.1]	1.3	[0.5, 3.4]	1.0	[0.4, 2.3]	100.0
51-64 (n=825)	23.7	[20.4, 27.3]	66.5	[62.5, 70.3]	4.7	[3.3, 6.8]	4.2	[2.8, 6.5]	0.4	[0.1, 1.1]	0.4	[0.1, 1.3]	100.0
Pearson: Uncorrected chi2(10) =	33.2313												
Design-based F(9.11, 17689.36) =	2.3522	Pr =	0.012										
Gender													
Male (n=734)	20.2	[16.9, 23.9]	62.7	[58.1, 67.0]	6.5	[4.6, 9.1]	8.7	[6.3, 12.0]	1.3	[0.5, 3.0]	0.6	[0.2, 1.6]	100.0
Female (n=1,220)	24.9	[22.0, 28.0]	61.5	[58.0, 64.9]	5.9	[4.4, 7.9]	6.9	[5.3, 8.9]	0.4	[0.1, 1.1]	0.5	[0.2, 1.1]	100.0
Pearson: Uncorrected chi2(5) =	12.7447												
Design-based F(4.86, 9434.91) =	1.6459	Pr =	0.146										
Race/ethnicity													
White, non-Hispanic (n=1,353)	24.2	[21.5, 27.1]	61.6	[58.3, 64.8]	6.7	[5.1, 8.7]	6.4	[4.9, 8.3]	0.8	[0.3, 2.0]	0.4	[0.2, 0.9]	100.0
Black, non-Hispanic (n=370)	19.8	[15.3, 25.2]	62.6	[56.2, 68.6]	5.4	[3.1, 9.5]	10.4	[7.0, 15.3]	0.7	[0.2, 2.5]	1.0	[0.4, 2.8]	100.0
Hispanic (n=77)	24.5	[15.1, 37.4]	50.1	[36.9, 63.2]	9.3	[4.1, 19.8]	13.8	[6.5, 27.2]	2.3	[0.3, 14.4]	0.0		100.0
Other, non-Hispanic (n=128)	20.7	[13.8, 29.9]	69.7	[59.5, 78.2]	2.9	[1.2, 7.0]	5.9	[2.3, 14.2]	0.0		0.9	[0.2, 3.6]	100.0
Pearson: Uncorrected chi2(15) =	31.5459												
Design-based F(13.94, 26706.10) =	1.3058	Pr =	0.195										
FPL category													
0-35% (n=799)	23.1	[19.7, 26.8]	62.8	[58.5, 66.9]	5.9	[4.1, 8.5]	7.0	[5.0, 9.8]	0.6	[0.2, 1.7]	0.5	[0.2, 1.4]	100.0
36-99% (n=674)	24.3	[20.7, 28.2]	60.8	[56.4, 65.1]	5.8	[4.1, 8.1]	7.6	[5.6, 10.2]	0.8	[0.2, 3.2]	0.7	[0.3, 1.7]	100.0
100%+ (n=481)	19.9	[16.2, 24.1]	61.4	[56.0, 66.4]	7.3	[4.9, 10.8]	9.8	[6.5, 14.5]	1.1	[0.3, 3.9]	0.6	[0.2, 1.8]	100.0
Pearson: Uncorrected chi2(10) =	6.9822												
Design-based F(9.19, 17852.61) =	0.4954	Pr =	0.882										
Region													
UP/NW/NE (n=389)	23.0	[18.5, 28.1]	65.5	[59.9, 70.6]	5.1	[3.0, 8.6]	6.2	[4.0, 9.6]	0.0		0.2	[0.0, 1.6]	100.0
W/E Central/E (n=645)	24.1	[20.6, 28.1]	59.8	[55.3, 64.2]	6.6	[4.5, 9.7]	8.0	[5.6, 11.3]	0.7	[0.2, 2.4]	0.7	[0.3, 1.8]	100.0
S Central/SW/SE (n=384)	21.1	[17.0, 26.0]	62.6	[56.9, 67.8]	7.4	[5.0, 10.9]	7.6	[4.9, 11.5]	1.3	[0.4, 4.4]	0.0		100.0
Detroit Metro (n=536)	22.4	[18.5, 26.9]	62.6	[57.4, 67.5]	5.5	[3.6, 8.5]	7.9	[5.4, 11.3]	0.8	[0.3, 2.4]	0.7	[0.3, 1.8]	100.0
Pearson: Uncorrected chi2(15) =	10.3587												
Design-based F(12.99, 25231.37) =	0.5197	Pr =	0.914										
Chronic condition (2016/2017 survey or DW)													
Yes (n=1,600)	22.6	[20.2, 25.3]	62.6	[59.5, 65.6]	6.0	[4.7, 7.7]	7.3	[5.7, 9.4]	0.8	[0.3, 1.7]	0.6	[0.3, 1.2]	100.0
No (n=354)	23.4	[18.5, 29.1]	59.5	[53.1, 65.7]	6.9	[4.0, 11.5]	9.2	[6.2, 13.5]	0.7	[0.2, 3.1]	0.2	[0.0, 1.3]	100.0
Pearson: Uncorrected chi2(5) =	3.6584												
Design-based F(4.67, 9062.68) =	0.4763	Pr =	0.782										
Total (n=1,954)	22.8	[20.6, 25.2]	62.0	[59.2, 64.7]	6.2	[4.9, 7.7]	7.7	[6.3, 9.5]	0.8	[0.4, 1.5]	0.6	[0.3, 1.0]	100.0

Note: Total count is less than universe count due to item non-response.

2.11.2 Q: The MI Health Account Statements help me be more aware of the cost of health care.

Follow-up group(s): Still enrolled

Universe: Respondents who received a MI Health Account Statement in the past year (n = 1,957)

	MIHA Statements help me be aware of health care costs												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	
Follow-up group													
Still enrolled (n=1,954)	18.2	[16.1, 20.5]	64.4	[61.7, 67.2]	6.3	[5.1, 7.9]	7.3	[5.9, 9.0]	0.9	[0.4, 2.0]	2.8	[2.1, 3.7]	100.0
Pearson: Uncorrected chi2(0) =	.												
Design-based F(., .) =	.	Pr =	.										
Age													
19-34 (n=510)	18.1	[14.4, 22.4]	60.6	[55.2, 65.8]	8.9	[6.3, 12.3]	9.3	[6.3, 13.4]	0.9	[0.3, 2.6]	2.3	[1.2, 4.2]	100.0
35-50 (n=619)	19.5	[15.7, 23.9]	63.1	[58.2, 67.9]	6.2	[4.2, 9.1]	7.0	[5.0, 9.5]	1.5	[0.4, 4.8]	2.8	[1.7, 4.4]	100.0
51-64 (n=825)	16.9	[14.0, 20.3]	70.1	[66.2, 73.8]	3.8	[2.6, 5.5]	5.6	[3.9, 8.0]	0.3	[0.1, 0.8]	3.3	[2.1, 5.3]	100.0
Pearson: Uncorrected chi2(10) =	31.2470												
Design-based F(8.97, 17424.45) =	2.0423	Pr =	0.031										
Gender													
Male (n=734)	17.9	[14.7, 21.7]	64.0	[59.4, 68.3]	6.4	[4.6, 8.9]	7.0	[4.9, 10.0]	1.7	[0.6, 4.2]	3.0	[1.9, 4.7]	100.0
Female (n=1,220)	18.4	[15.8, 21.4]	64.8	[61.3, 68.2]	6.3	[4.7, 8.4]	7.5	[5.8, 9.7]	0.3	[0.1, 0.9]	2.6	[1.8, 3.8]	100.0
Pearson: Uncorrected chi2(5) =	10.1645												
Design-based F(4.92, 9549.19) =	1.2710	Pr =	0.274										
Race/ethnicity													
White, non-Hispanic (n=1,353)	19.1	[16.5, 22.1]	64.2	[60.8, 67.4]	6.7	[5.2, 8.6]	6.6	[5.0, 8.6]	0.8	[0.3, 1.9]	2.6	[1.8, 3.6]	100.0
Black, non-Hispanic (n=370)	16.5	[12.4, 21.6]	69.1	[63.0, 74.6]	4.3	[2.5, 7.3]	6.0	[4.0, 9.0]	1.6	[0.4, 6.3]	2.5	[1.2, 5.4]	100.0
Hispanic (n=77)	17.3	[9.7, 28.9]	50.5	[37.3, 63.6]	12.9	[4.6, 31.3]	16.0	[7.9, 29.6]	0.0		3.3	[0.9, 11.4]	100.0
Other, non-Hispanic (n=128)	19.5	[12.8, 28.6]	56.8	[45.6, 67.2]	6.0	[2.7, 12.5]	12.4	[5.8, 24.5]	0.0		5.4	[2.3, 12.0]	100.0
Pearson: Uncorrected chi2(15) =	42.7578												
Design-based F(12.94, 24792.05) =	1.4698	Pr =	0.120										
FPL category													
0-35% (n=799)	19.3	[16.2, 22.9]	66.1	[61.8, 70.2]	5.3	[3.5, 7.9]	6.6	[4.7, 9.3]	0.7	[0.1, 3.1]	1.9	[1.2, 3.2]	100.0
36-99% (n=674)	18.3	[14.7, 22.6]	61.3	[56.6, 65.7]	9.1	[6.9, 11.8]	6.4	[4.6, 8.9]	1.3	[0.4, 3.5]	3.6	[2.2, 5.8]	100.0
100%+ (n=481)	14.9	[11.6, 18.9]	64.1	[58.9, 69.1]	5.5	[3.6, 8.3]	10.4	[7.2, 14.8]	1.0	[0.3, 3.9]	4.0	[2.3, 6.9]	100.0
Pearson: Uncorrected chi2(10) =	26.2582												
Design-based F(8.62, 16745.45) =	1.6180	Pr =	0.107										
Region													
UP/NW/NE (n=389)	16.7	[12.8, 21.4]	66.8	[61.2, 71.9]	6.0	[3.9, 9.2]	5.6	[3.6, 8.4]	1.5	[0.4, 5.0]	3.5	[1.8, 6.6]	100.0
W/E Central/E (n=645)	19.4	[16.0, 23.2]	63.5	[59.0, 67.8]	7.2	[5.2, 9.7]	6.6	[4.4, 9.6]	0.6	[0.1, 2.5]	2.8	[1.6, 4.7]	100.0
S Central/SW/SE (n=384)	15.6	[12.0, 20.2]	65.0	[59.5, 70.2]	7.2	[4.8, 10.7]	8.3	[5.5, 12.4]	0.0		3.8	[2.3, 6.2]	100.0
Detroit Metro (n=536)	18.7	[15.0, 23.2]	64.3	[59.1, 69.3]	5.4	[3.4, 8.6]	7.9	[5.5, 11.2]	1.4	[0.5, 4.1]	2.2	[1.2, 4.0]	100.0
Pearson: Uncorrected chi2(15) =	15.8026												
Design-based F(11.97, 23254.28) =	0.7268	Pr =	0.726										
Chronic condition (2016/2017 survey or DW)													
Yes (n=1,600)	18.2	[15.8, 20.8]	65.3	[62.3, 68.3]	6.1	[4.8, 7.8]	6.8	[5.4, 8.5]	0.9	[0.3, 2.3]	2.7	[1.9, 3.8]	100.0
No (n=354)	18.4	[13.9, 23.9]	60.9	[54.3, 67.2]	7.1	[4.2, 11.8]	9.4	[5.7, 15.2]	1.1	[0.3, 3.4]	3.1	[1.6, 5.9]	100.0
Pearson: Uncorrected chi2(5) =	4.7959												
Design-based F(4.87, 9453.84) =	0.5205	Pr =	0.756										
Total (n=1,954)	18.2	[16.1, 20.5]	64.4	[61.7, 67.2]	6.3	[5.1, 7.9]	7.3	[5.9, 9.0]	0.9	[0.4, 2.0]	2.8	[2.1, 3.7]	100.0

Note: Total count is less than universe count due to item non-response.

2.11.3 Q: Information I saw in a MI Health Account Statement led me to change some of my decisions about health care.

Follow-up group(s): Still enrolled

Universe: Respondents who received a MI Health Account Statement in the past year (n = 1,957)

	MIHA Statements led me to change health care decisions												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	
Follow-up group													
Still enrolled (n=1,952)	3.9	[2.9, 5.2]	27.1	[24.7, 29.7]	15.7	[13.9, 17.8]	45.7	[42.9, 48.6]	3.1	[2.3, 4.1]	4.5	[3.4, 5.9]	100.0
Pearson: Uncorrected chi2(0) =	.												
Design-based F(., .) =	.	Pr =	.										
Age													
19-34 (n=509)	4.5	[2.8, 7.2]	24.3	[19.9, 29.3]	21.1	[17.2, 25.7]	42.7	[37.4, 48.2]	4.0	[2.5, 6.5]	3.3	[2.0, 5.6]	100.0
35-50 (n=619)	3.8	[2.2, 6.5]	27.4	[23.4, 31.7]	13.9	[11.0, 17.4]	46.6	[41.6, 51.6]	3.1	[1.9, 5.0]	5.2	[3.2, 8.5]	100.0
51-64 (n=824)	3.4	[2.1, 5.3]	29.8	[25.9, 34.0]	12.0	[9.8, 14.7]	48.1	[44.0, 52.2]	2.0	[1.1, 3.4]	4.8	[3.3, 6.8]	100.0
Pearson: Uncorrected chi2(10) =	32.8718												
Design-based F(9.50, 18433.70) =	2.1302	Pr =	0.021										
Gender													
Male (n=733)	4.5	[2.9, 6.9]	28.7	[24.9, 32.8]	16.9	[13.7, 20.6]	42.1	[37.6, 46.8]	2.7	[1.6, 4.4]	5.1	[3.3, 7.9]	100.0
Female (n=1,219)	3.4	[2.3, 5.0]	25.9	[22.8, 29.2]	14.8	[12.7, 17.3]	48.6	[45.1, 52.2]	3.3	[2.3, 4.8]	3.9	[2.8, 5.4]	100.0
Pearson: Uncorrected chi2(5) =	10.7867												
Design-based F(4.97, 9642.02) =	1.3084	Pr =	0.257										
Race/ethnicity													
White, non-Hispanic (n=1,352)	3.0	[2.1, 4.4]	24.5	[21.8, 27.4]	19.5	[16.9, 22.3]	46.3	[42.9, 49.7]	3.0	[2.1, 4.3]	3.7	[2.7, 5.1]	100.0
Black, non-Hispanic (n=370)	5.4	[3.1, 9.5]	32.9	[27.0, 39.3]	7.4	[4.9, 11.0]	46.5	[40.2, 53.0]	3.0	[1.5, 5.8]	4.7	[2.3, 9.5]	100.0
Hispanic (n=77)	3.8	[1.1, 12.6]	30.3	[20.5, 42.5]	12.0	[6.3, 21.7]	41.4	[28.6, 55.6]	6.1	[1.9, 17.6]	6.2	[2.4, 15.2]	100.0
Other, non-Hispanic (n=127)	6.6	[2.8, 14.8]	26.3	[18.1, 36.4]	16.7	[10.3, 26.1]	42.2	[31.9, 53.3]	1.5	[0.4, 6.0]	6.6	[3.3, 12.8]	100.0
Pearson: Uncorrected chi2(15) =	59.0036												
Design-based F(14.21, 27204.22) =	2.3648	Pr =	0.003										
FPL category													
0-35% (n=797)	4.2	[2.8, 6.4]	27.6	[24.0, 31.5]	12.8	[10.3, 15.9]	48.4	[44.0, 52.8]	2.1	[1.3, 3.6]	4.8	[3.2, 7.3]	100.0
36-99% (n=674)	3.9	[2.4, 6.2]	25.0	[21.1, 29.5]	18.5	[14.9, 22.6]	42.5	[38.3, 46.9]	5.2	[3.4, 7.9]	4.8	[3.3, 7.0]	100.0
100%+ (n=481)	2.9	[1.5, 5.5]	28.6	[24.1, 33.6]	20.0	[16.2, 24.4]	42.8	[37.8, 48.0]	2.7	[1.5, 5.0]	2.9	[1.7, 4.9]	100.0
Pearson: Uncorrected chi2(10) =	31.7810												
Design-based F(9.65, 18725.45) =	2.4054	Pr =	0.008										
Region													
UP/NW/NE (n=389)	4.1	[2.1, 7.6]	25.2	[20.8, 30.3]	18.0	[14.1, 22.6]	46.6	[41.1, 52.3]	3.2	[1.8, 5.7]	2.8	[1.5, 5.1]	100.0
W/E Central/E (n=644)	3.0	[1.9, 4.9]	26.8	[23.0, 30.9]	19.7	[16.3, 23.6]	43.5	[39.2, 48.0]	3.0	[1.8, 5.0]	4.0	[2.5, 6.2]	100.0
S Central/SW/SE (n=384)	3.0	[1.6, 5.3]	29.5	[24.5, 35.1]	16.6	[12.9, 21.2]	43.8	[38.3, 49.5]	2.4	[1.3, 4.6]	4.6	[2.9, 7.4]	100.0
Detroit Metro (n=535)	4.9	[3.0, 7.8]	26.8	[22.4, 31.6]	11.9	[8.9, 15.6]	48.0	[42.7, 53.3]	3.4	[2.0, 5.5]	5.2	[3.2, 8.2]	100.0
Pearson: Uncorrected chi2(15) =	24.6319												
Design-based F(13.10, 25422.52) =	1.3707	Pr =	0.164										
Chronic condition (2016/2017 survey or DW)													
Yes (n=1,599)	3.7	[2.7, 5.1]	27.9	[25.2, 30.8]	14.8	[12.8, 17.1]	46.0	[42.8, 49.2]	2.9	[2.1, 4.0]	4.7	[3.5, 6.4]	100.0
No (n=353)	4.6	[2.3, 9.1]	23.8	[19.0, 29.3]	19.4	[14.9, 24.9]	44.8	[38.5, 51.3]	3.8	[1.9, 7.4]	3.5	[1.9, 6.4]	100.0
Pearson: Uncorrected chi2(5) =	9.0564												
Design-based F(4.89, 9479.15) =	1.0731	Pr =	0.373										
Total (n=1,952)	3.9	[2.9, 5.2]	27.1	[24.7, 29.7]	15.7	[13.9, 17.8]	45.7	[42.9, 48.6]	3.1	[2.3, 4.1]	4.5	[3.4, 5.9]	100.0

Note: Total count is less than universe count due to item non-response.

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

Follow-up group(s): Still enrolled

Universe: All respondents

	Amount I have to pay for HMP seems 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	
Follow-up group													
Still enrolled (n=2,386)	24.5	[22.4, 26.8]	59.6	[57.0, 62.1]	6.2	[5.0, 7.7]	5.7	[4.6, 7.1]	1.4	[0.9, 2.1]	2.5	[1.8, 3.5]	100.0
Pearson: Uncorrected chi2(0) =	.		Pr =										
Design-based F(., .) =	.		.										
Age													
19-34 (n=664)	24.7	[20.7, 29.1]	59.5	[54.6, 64.1]	8.5	[6.1, 11.8]	4.9	[3.1, 7.6]	0.4	[0.1, 1.3]	2.1	[1.0, 4.2]	100.0
35-50 (n=758)	25.7	[22.0, 29.8]	56.5	[52.0, 61.0]	5.9	[4.1, 8.4]	7.0	[5.0, 9.8]	2.2	[1.2, 4.1]	2.6	[1.6, 4.3]	100.0
51-64 (n=964)	23.0	[20.0, 26.2]	63.4	[59.6, 67.1]	3.8	[2.5, 5.7]	5.1	[3.6, 7.3]	1.7	[1.0, 3.1]	3.0	[1.8, 4.9]	100.0
Pearson: Uncorrected chi2(10) =	34.1249		Pr =		0.024								
Design-based F(9.59, 22755.73) =	2.0887		.										
Gender													
Male (n=931)	24.3	[21.0, 28.0]	58.9	[54.7, 62.9]	7.5	[5.4, 10.3]	5.3	[3.6, 7.9]	1.3	[0.7, 2.6]	2.6	[1.5, 4.4]	100.0
Female (n=1,455)	24.7	[21.9, 27.7]	60.2	[56.9, 63.4]	5.2	[4.0, 6.7]	6.0	[4.7, 7.7]	1.5	[0.9, 2.5]	2.5	[1.6, 3.7]	100.0
Pearson: Uncorrected chi2(5) =	6.1408		Pr =		0.625								
Design-based F(4.97, 11802.13) =	0.6970		.										
Race/ethnicity													
White, non-Hispanic (n=1,601)	28.3	[25.5, 31.3]	61.5	[58.3, 64.6]	4.5	[3.4, 6.1]	3.0	[2.2, 4.1]	1.2	[0.7, 2.2]	1.4	[0.9, 2.4]	100.0
Black, non-Hispanic (n=479)	20.5	[16.4, 25.2]	55.9	[50.3, 61.3]	6.8	[4.5, 10.4]	11.1	[8.0, 15.1]	1.8	[0.9, 3.6]	3.9	[2.3, 6.6]	100.0
Hispanic (n=100)	16.7	[10.1, 26.3]	56.8	[44.5, 68.2]	14.5	[6.8, 28.5]	5.0	[2.1, 11.7]	0.5	[0.1, 3.4]	6.5	[2.3, 17.5]	100.0
Other, non-Hispanic (n=176)	16.9	[11.4, 24.3]	58.9	[49.4, 67.7]	11.7	[7.0, 18.9]	7.8	[3.3, 17.2]	2.0	[0.5, 7.5]	2.8	[0.8, 8.9]	100.0
Pearson: Uncorrected chi2(15) =	124.4630		Pr =		0.000								
Design-based F(13.65, 31984.60) =	4.6885		.										
FPL category													
0-35% (n=1,001)	24.6	[21.4, 28.2]	59.6	[55.6, 63.4]	6.6	[4.8, 9.0]	5.1	[3.6, 7.2]	1.3	[0.7, 2.5]	2.8	[1.8, 4.3]	100.0
36-99% (n=822)	26.1	[22.6, 30.0]	60.2	[56.0, 64.2]	5.0	[3.4, 7.2]	5.8	[4.0, 8.4]	1.3	[0.6, 3.0]	1.6	[0.8, 3.1]	100.0
100%+ (n=563)	21.8	[18.2, 26.0]	58.8	[54.0, 63.5]	7.1	[4.9, 10.1]	7.5	[5.1, 10.7]	1.7	[0.8, 3.5]	3.1	[1.6, 6.0]	100.0
Pearson: Uncorrected chi2(10) =	11.0218		Pr =		0.651								
Design-based F(9.67, 22959.75) =	0.7725		.										
Region													
UP/NW/NE (n=450)	31.0	[26.2, 36.1]	60.2	[54.8, 65.3]	5.8	[3.4, 9.5]	1.8	[0.9, 3.8]	0.9	[0.3, 2.8]	0.3	[0.0, 2.1]	100.0
W/E Central/E (n=777)	23.5	[20.2, 27.2]	63.3	[59.2, 67.1]	6.0	[4.3, 8.3]	4.6	[3.2, 6.6]	1.3	[0.6, 2.7]	1.3	[0.7, 2.4]	100.0
S Central/SW/SE (n=462)	20.6	[16.9, 24.9]	64.3	[59.1, 69.1]	5.0	[3.1, 7.9]	5.7	[3.6, 8.9]	1.6	[0.7, 3.5]	2.8	[1.3, 6.1]	100.0
Detroit Metro (n=697)	25.4	[21.6, 29.7]	55.1	[50.4, 59.8]	7.0	[4.9, 9.9]	7.2	[5.2, 10.0]	1.5	[0.7, 3.0]	3.7	[2.4, 5.7]	100.0
Pearson: Uncorrected chi2(15) =	42.0455		Pr =		0.005								
Design-based F(13.19, 31311.25) =	2.2747		.										
Chronic condition (2016/2017 survey or DW)													
Yes (n=1,931)	24.9	[22.5, 27.5]	60.1	[57.2, 62.9]	5.7	[4.4, 7.3]	5.3	[4.1, 6.8]	1.6	[1.0, 2.5]	2.5	[1.7, 3.6]	100.0
No (n=455)	23.3	[18.7, 28.6]	57.8	[52.0, 63.4]	8.2	[5.5, 12.1]	7.2	[4.5, 11.4]	0.8	[0.3, 2.3]	2.7	[1.4, 5.2]	100.0
Pearson: Uncorrected chi2(5) =	9.5150		Pr =		0.363								
Design-based F(4.88, 11586.88) =	1.0904		.										
Total (n=2,386)	24.5	[22.4, 26.8]	59.6	[57.0, 62.1]	6.2	[5.0, 7.7]	5.7	[4.6, 7.1]	1.4	[0.9, 2.1]	2.5	[1.8, 3.5]	100.0

Note: Total count is less than universe count due to item non-response.

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

Follow-up group(s): Still enrolled

Universe: All respondents

	Amount I pay for HMP is 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	
Follow-up group													
Still enrolled (n=2,385)	24.7	[22.5, 27.0]	62.0	[59.4, 64.5]	4.6	[3.6, 5.9]	5.1	[4.1, 6.5]	1.0	[0.6, 1.6]	2.5	[1.8, 3.5]	100.0
Pearson: Uncorrected chi2(0) =	.												
Design-based F(., .) =	.	Pr =	.										
Age													
19-34 (n=664)	24.8	[20.7, 29.3]	62.3	[57.5, 66.9]	6.1	[4.2, 8.7]	4.3	[2.6, 7.0]	0.4	[0.1, 1.3]	2.1	[1.1, 4.3]	100.0
35-50 (n=758)	25.9	[22.1, 30.1]	58.2	[53.6, 62.6]	4.0	[2.6, 6.2]	6.7	[4.7, 9.5]	1.7	[0.8, 3.4]	3.5	[2.2, 5.5]	100.0
51-64 (n=963)	23.1	[20.1, 26.5]	66.3	[62.6, 69.8]	3.5	[2.1, 5.8]	4.3	[3.1, 5.9]	0.9	[0.5, 1.8]	1.8	[1.1, 3.0]	100.0
Pearson: Uncorrected chi2(10) =	29.7571												
Design-based F(9.26, 21967.08) =	1.8917	Pr =	0.046										
Gender													
Male (n=931)	25.1	[21.7, 28.8]	62.0	[57.9, 66.0]	5.3	[3.6, 7.7]	4.6	[3.0, 7.1]	0.7	[0.3, 1.9]	2.2	[1.3, 3.9]	100.0
Female (n=1,454)	24.4	[21.6, 27.4]	62.0	[58.7, 65.2]	4.0	[2.9, 5.4]	5.6	[4.4, 7.2]	1.2	[0.7, 2.2]	2.8	[1.9, 4.1]	100.0
Pearson: Uncorrected chi2(5) =	5.7696												
Design-based F(4.97, 11802.43) =	0.6408	Pr =	0.668										
Race/ethnicity													
White, non-Hispanic (n=1,600)	29.4	[26.4, 32.5]	61.1	[57.9, 64.2]	3.3	[2.4, 4.5]	3.8	[2.8, 5.1]	0.8	[0.4, 1.7]	1.7	[1.0, 2.7]	100.0
Black, non-Hispanic (n=479)	16.2	[12.6, 20.5]	65.5	[60.0, 70.6]	6.2	[3.8, 10.0]	6.8	[4.5, 10.2]	1.3	[0.7, 2.7]	4.0	[2.3, 6.8]	100.0
Hispanic (n=100)	21.0	[12.4, 33.3]	59.2	[47.0, 70.4]	5.8	[2.5, 12.9]	7.0	[3.1, 15.4]	0.0		7.0	[2.6, 17.3]	100.0
Other, non-Hispanic (n=176)	21.8	[15.3, 30.2]	58.4	[49.0, 67.3]	8.0	[4.2, 14.6]	8.5	[3.9, 17.6]	1.9	[0.5, 7.5]	1.4	[0.5, 3.7]	100.0
Pearson: Uncorrected chi2(15) =	85.4812												
Design-based F(14.04, 32892.23) =	3.3257	Pr =	0.000										
FPL category													
0-35% (n=1,000)	26.1	[22.7, 29.7]	62.1	[58.2, 65.9]	4.2	[2.9, 6.2]	4.3	[2.8, 6.4]	0.5	[0.2, 1.6]	2.8	[1.8, 4.3]	100.0
36-99% (n=822)	25.6	[22.1, 29.5]	60.4	[56.2, 64.4]	4.9	[3.1, 7.5]	5.9	[4.2, 8.2]	1.6	[0.8, 3.3]	1.7	[1.0, 2.9]	100.0
100%+ (n=563)	19.1	[15.6, 23.2]	64.1	[59.3, 68.7]	5.4	[3.6, 7.8]	6.8	[4.6, 9.8]	1.6	[0.8, 3.5]	3.0	[1.5, 5.9]	100.0
Pearson: Uncorrected chi2(10) =	22.9549												
Design-based F(9.40, 22310.47) =	1.5888	Pr =	0.108										
Region													
UP/NW/NE (n=450)	29.1	[24.5, 34.2]	62.2	[56.9, 67.2]	4.5	[2.8, 7.1]	2.9	[1.5, 5.3]	0.3	[0.1, 1.4]	1.0	[0.4, 2.5]	100.0
W/E Central/E (n=776)	25.1	[21.7, 28.9]	62.4	[58.3, 66.4]	4.1	[2.8, 6.0]	5.6	[3.9, 7.9]	0.8	[0.3, 1.9]	1.9	[1.1, 3.5]	100.0
S Central/SW/SE (n=462)	21.5	[17.6, 26.0]	64.3	[59.1, 69.3]	5.8	[3.6, 9.3]	4.3	[2.6, 7.0]	0.9	[0.3, 2.8]	3.1	[1.6, 6.2]	100.0
Detroit Metro (n=697)	24.7	[20.8, 29.0]	60.8	[56.1, 65.3]	4.5	[2.8, 7.0]	5.7	[3.8, 8.3]	1.3	[0.6, 2.6]	3.0	[1.9, 4.9]	100.0
Pearson: Uncorrected chi2(15) =	16.1173												
Design-based F(12.76, 30274.75) =	0.8802	Pr =	0.572										
Chronic condition (2016/2017 survey or DW)													
Yes (n=1,930)	25.3	[22.8, 28.0]	61.8	[58.9, 64.7]	4.4	[3.3, 5.8]	5.0	[3.8, 6.4]	1.1	[0.6, 1.9]	2.4	[1.7, 3.5]	100.0
No (n=455)	22.5	[18.1, 27.7]	62.7	[57.0, 68.1]	5.4	[3.4, 8.6]	5.8	[3.4, 9.7]	0.7	[0.2, 2.2]	2.9	[1.5, 5.4]	100.0
Pearson: Uncorrected chi2(5) =	3.6555												
Design-based F(4.86, 11544.12) =	0.4291	Pr =	0.824										
Total (n=2,385)	24.7	[22.5, 27.0]	62.0	[59.4, 64.5]	4.6	[3.6, 5.9]	5.1	[4.1, 6.5]	1.0	[0.6, 1.6]	2.5	[1.8, 3.5]	100.0

Note: Total count is less than universe count due to item non-response.

2.14 Q: There is a limit on the total amount I have to pay each year for Healthy Michigan Plan insurance.

Follow-up group(s): Still enrolled

Universe: All respondents

	Limit on total amount I have to pay						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,348)	31.3	[29.0, 33.6]	16.5	[14.6, 18.7]	52.2	[49.6, 54.8]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.		Pr =	.			
Age							
19-34 (n=656)	30.4	[26.2, 34.9]	17.5	[14.0, 21.6]	52.1	[47.3, 56.9]	100.0
35-50 (n=745)	31.9	[28.0, 36.1]	17.3	[14.0, 21.2]	50.8	[46.3, 55.4]	100.0
51-64 (n=947)	31.6	[28.2, 35.1]	14.5	[11.8, 17.6]	54.0	[50.1, 57.8]	100.0
Pearson: Uncorrected chi2(4) =	3.4861						
Design-based F(3.83, 8940.73) =	0.5348		Pr =	0.702			
Gender							
Male (n=918)	33.6	[29.8, 37.6]	15.6	[12.8, 18.8]	50.8	[46.7, 54.9]	100.0
Female (n=1,430)	29.2	[26.5, 32.1]	17.3	[14.7, 20.3]	53.4	[50.1, 56.7]	100.0
Pearson: Uncorrected chi2(2) =	5.3879						
Design-based F(1.99, 4639.92) =	1.5590		Pr =	0.211			
Race/ethnicity							
White, non-Hispanic (n=1,578)	31.5	[28.8, 34.5]	15.0	[12.6, 17.7]	53.4	[50.2, 56.6]	100.0
Black, non-Hispanic (n=472)	30.2	[25.4, 35.5]	20.1	[16.0, 24.8]	49.7	[44.1, 55.4]	100.0
Hispanic (n=98)	22.1	[14.7, 31.9]	16.3	[9.3, 27.0]	61.5	[49.8, 72.1]	100.0
Other, non-Hispanic (n=170)	38.4	[30.0, 47.6]	17.9	[11.9, 26.1]	43.7	[35.2, 52.7]	100.0
Pearson: Uncorrected chi2(6) =	18.6859						
Design-based F(5.89, 13574.04) =	1.8636		Pr =	0.084			
FPL category							
0-35% (n=987)	25.7	[22.4, 29.2]	20.1	[17.0, 23.6]	54.2	[50.3, 58.2]	100.0
36-99% (n=810)	36.8	[32.9, 40.9]	13.6	[11.0, 16.6]	49.6	[45.4, 53.8]	100.0
100%+ (n=551)	40.4	[35.8, 45.3]	9.8	[7.4, 12.9]	49.7	[44.9, 54.6]	100.0
Pearson: Uncorrected chi2(4) =	57.7369						
Design-based F(3.84, 8980.85) =	11.3758		Pr =	0.000			
Region							
UP/NW/NE (n=443)	35.5	[30.6, 40.7]	15.1	[11.6, 19.5]	49.4	[44.1, 54.6]	100.0
W/E Central/E (n=766)	32.0	[28.4, 35.8]	15.7	[12.7, 19.2]	52.3	[48.2, 56.4]	100.0
S Central/SW/SE (n=461)	33.7	[29.0, 38.8]	14.3	[10.9, 18.4]	52.0	[46.8, 57.2]	100.0
Detroit Metro (n=678)	28.9	[24.9, 33.2]	18.3	[14.9, 22.4]	52.8	[48.1, 57.5]	100.0
Pearson: Uncorrected chi2(6) =	8.2379						
Design-based F(5.27, 12301.96) =	1.0835		Pr =	0.368			
Chronic condition (2016/2017 survey or DW)							
Yes (n=1,898)	30.9	[28.3, 33.6]	16.3	[14.2, 18.7]	52.8	[49.8, 55.7]	100.0
No (n=450)	32.6	[27.5, 38.0]	17.3	[13.1, 22.4]	50.1	[44.5, 55.8]	100.0
Pearson: Uncorrected chi2(2) =	1.0977						
Design-based F(1.98, 4636.71) =	0.3097		Pr =	0.732			
Total (n=2,348)	31.3	[29.0, 33.6]	16.5	[14.6, 18.7]	52.2	[49.6, 54.8]	100.0

Note: Total count is less than universe count due to item non-response.

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

Follow-up group(s): Still enrolled

Universe: All respondents

	HMP has taken a lot of stress off me												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	
Follow-up group													
Still enrolled (n=2,387)	37.2	[34.8, 39.7]	54.2	[51.6, 56.8]	4.7	[3.7, 6.0]	2.8	[2.0, 3.8]	0.8	[0.4, 1.6]	0.2	[0.1, 0.5]	100.0
Pearson: Uncorrected chi2(0) =	.												
Design-based F(., .) =	.	Pr =	.										
Age													
19-34 (n=664)	33.7	[29.4, 38.4]	54.0	[49.2, 58.8]	7.9	[5.6, 11.0]	4.0	[2.4, 6.6]	0.3	[0.1, 1.4]	0.0		100.0
35-50 (n=759)	40.1	[35.8, 44.7]	51.6	[47.1, 56.2]	3.8	[2.4, 6.0]	2.6	[1.6, 4.2]	1.5	[0.6, 3.5]	0.3	[0.1, 1.0]	100.0
51-64 (n=964)	38.0	[34.4, 41.7]	57.6	[53.8, 61.3]	1.9	[1.2, 2.9]	1.5	[0.8, 2.6]	0.6	[0.2, 2.0]	0.4	[0.2, 1.2]	100.0
Pearson: Uncorrected chi2(10) =	59.9771												
Design-based F(9.06, 21521.50) =	4.2596	Pr =	0.000										
Gender													
Male (n=932)	35.4	[31.6, 39.4]	53.8	[49.7, 57.9]	6.4	[4.5, 9.0]	3.1	[1.8, 5.2]	1.1	[0.5, 2.6]	0.1	[0.0, 0.6]	100.0
Female (n=1,455)	38.7	[35.6, 42.0]	54.6	[51.3, 57.8]	3.3	[2.4, 4.5]	2.5	[1.8, 3.5]	0.5	[0.2, 1.5]	0.4	[0.2, 0.9]	100.0
Pearson: Uncorrected chi2(5) =	19.1514												
Design-based F(4.77, 11326.56) =	2.3699	Pr =	0.040										
Race/ethnicity													
White, non-Hispanic (n=1,602)	41.2	[38.1, 44.3]	51.9	[48.7, 55.1]	3.8	[2.8, 5.0]	2.0	[1.3, 3.0]	1.0	[0.4, 2.2]	0.2	[0.1, 0.7]	100.0
Black, non-Hispanic (n=479)	31.8	[26.9, 37.1]	60.3	[54.8, 65.7]	5.2	[3.0, 8.9]	1.9	[0.9, 4.0]	0.5	[0.1, 2.1]	0.3	[0.1, 1.0]	100.0
Hispanic (n=100)	28.9	[19.0, 41.3]	56.8	[44.5, 68.4]	3.1	[1.1, 8.4]	8.2	[2.6, 23.1]	2.4	[0.5, 10.2]	0.6	[0.1, 4.4]	100.0
Other, non-Hispanic (n=176)	33.1	[25.3, 41.9]	48.7	[39.6, 58.0]	10.5	[5.4, 19.5]	7.4	[3.8, 13.9]	0.0		0.3	[0.0, 2.1]	100.0
Pearson: Uncorrected chi2(15) =	79.9514												
Design-based F(13.04, 30567.51) =	3.1863	Pr =	0.000										
FPL category													
0-35% (n=1,001)	38.9	[35.2, 42.8]	54.0	[50.1, 57.9]	4.3	[2.8, 6.5]	1.5	[0.8, 3.1]	1.0	[0.5, 2.3]	0.2	[0.0, 0.7]	100.0
36-99% (n=823)	36.3	[32.5, 40.4]	54.0	[49.8, 58.1]	5.0	[3.4, 7.2]	3.6	[2.2, 6.0]	0.6	[0.1, 2.7]	0.5	[0.2, 1.3]	100.0
100%+ (n=563)	33.2	[28.9, 37.9]	55.1	[50.3, 59.9]	5.6	[3.8, 8.2]	5.4	[3.4, 8.3]	0.5	[0.1, 1.8]	0.2	[0.0, 1.2]	100.0
Pearson: Uncorrected chi2(10) =	26.6930												
Design-based F(8.81, 20935.02) =	1.8735	Pr =	0.052										
Region													
UP/NW/NE (n=450)	40.0	[35.0, 45.2]	53.6	[48.3, 58.8]	4.1	[2.5, 6.8]	1.9	[1.0, 3.7]	0.1	[0.0, 0.8]	0.3	[0.0, 2.0]	100.0
W/E Central/E (n=777)	38.4	[34.5, 42.4]	54.2	[50.1, 58.2]	4.6	[3.2, 6.7]	2.3	[1.3, 4.0]	0.3	[0.0, 2.3]	0.2	[0.0, 0.7]	100.0
S Central/SW/SE (n=463)	35.2	[30.4, 40.3]	55.6	[50.4, 60.7]	4.0	[2.5, 6.5]	3.1	[1.7, 5.6]	1.7	[0.6, 4.5]	0.3	[0.0, 2.3]	100.0
Detroit Metro (n=697)	36.6	[32.2, 41.2]	53.9	[49.2, 58.5]	5.2	[3.3, 7.9]	3.1	[1.9, 5.3]	0.9	[0.4, 2.5]	0.2	[0.1, 0.8]	100.0
Pearson: Uncorrected chi2(15) =	12.1022												
Design-based F(11.98, 28449.86) =	0.6621	Pr =	0.789										
Chronic condition (2016/2017 survey or DW)													
Yes (n=1,931)	38.1	[35.4, 41.0]	54.7	[51.8, 57.6]	3.6	[2.7, 4.9]	2.2	[1.4, 3.2]	1.0	[0.5, 2.0]	0.3	[0.1, 0.7]	100.0
No (n=456)	33.9	[28.8, 39.3]	52.4	[46.7, 58.1]	8.7	[5.8, 12.9]	5.0	[2.9, 8.3]	0.0		0.0		100.0
Pearson: Uncorrected chi2(5) =	43.0127												
Design-based F(4.71, 11190.86) =	5.0812	Pr =	0.000										
Total (n=2,387)	37.2	[34.8, 39.7]	54.2	[51.6, 56.8]	4.7	[3.7, 6.0]	2.8	[2.0, 3.8]	0.8	[0.4, 1.6]	0.2	[0.1, 0.5]	100.0

Note: Total count is less than universe count due to item non-response.

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

Follow-up group(s): Still enrolled

Universe: All respondents

	Strongly agree		Agree		Wouldn't be able to go to doctor without HMP Neutral		Disagree		Strongly disagree		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group													
Still enrolled (n=2,388)	37.1	[34.6, 39.6]	51.4	[48.7, 54.0]	3.9	[3.0, 5.2]	6.3	[5.1, 7.8]	0.6	[0.3, 1.1]	0.8	[0.4, 1.5]	100.0
Pearson: Uncorrected chi2(0) =
Design-based F(., .) =	.	Pr =
Age													
19-34 (n=664)	33.0	[28.6, 37.6]	51.3	[46.5, 56.1]	6.5	[4.4, 9.3]	7.2	[5.2, 9.9]	0.7	[0.3, 2.1]	1.3	[0.5, 3.7]	100.0
35-50 (n=760)	41.6	[37.2, 46.1]	48.5	[44.0, 53.1]	2.3	[1.2, 4.3]	6.7	[4.4, 10.1]	0.7	[0.2, 2.2]	0.2	[0.0, 0.7]	100.0
51-64 (n=964)	36.7	[33.1, 40.4]	54.8	[51.0, 58.6]	2.7	[1.7, 4.3]	4.7	[3.4, 6.4]	0.2	[0.0, 0.7]	0.9	[0.5, 1.6]	100.0
Pearson: Uncorrected chi2(10) =	47.6248												
Design-based F(8.92, 21195.53) =	3.1628	Pr =	0.001										
Gender													
Male (n=933)	32.0	[28.3, 35.9]	52.3	[48.2, 56.4]	5.9	[4.1, 8.3]	8.3	[6.3, 11.0]	0.8	[0.3, 2.1]	0.7	[0.3, 1.6]	100.0
Female (n=1,455)	41.4	[38.2, 44.7]	50.5	[47.2, 53.8]	2.3	[1.6, 3.3]	4.6	[3.3, 6.4]	0.3	[0.1, 0.9]	0.9	[0.4, 2.3]	100.0
Pearson: Uncorrected chi2(5) =	50.7909												
Design-based F(4.94, 11743.47) =	6.0337	Pr =	0.000										
Race/ethnicity													
White, non-Hispanic (n=1,603)	38.7	[35.6, 41.8]	49.7	[46.5, 52.9]	4.7	[3.4, 6.3]	5.8	[4.4, 7.7]	0.4	[0.1, 1.2]	0.7	[0.3, 2.0]	100.0
Black, non-Hispanic (n=479)	35.7	[30.6, 41.2]	54.2	[48.6, 59.8]	2.4	[1.0, 5.5]	6.4	[4.0, 9.9]	0.5	[0.2, 1.8]	0.8	[0.3, 2.1]	100.0
Hispanic (n=100)	33.3	[23.1, 45.4]	48.9	[37.3, 60.7]	0.5	[0.1, 3.4]	13.0	[5.7, 27.0]	1.7	[0.2, 11.2]	2.5	[0.5, 11.4]	100.0
Other, non-Hispanic (n=176)	33.8	[26.0, 42.6]	53.8	[44.6, 62.7]	5.4	[2.3, 12.0]	5.5	[3.0, 9.9]	1.1	[0.2, 7.5]	0.4	[0.1, 1.7]	100.0
Pearson: Uncorrected chi2(15) =	32.7660												
Design-based F(13.32, 31243.81) =	1.2533	Pr =	0.232										
FPL category													
0-35% (n=1,001)	37.5	[33.8, 41.3]	51.6	[47.6, 55.5]	4.0	[2.6, 6.1]	6.0	[4.2, 8.5]	0.3	[0.1, 1.0]	0.7	[0.2, 2.1]	100.0
36-99% (n=824)	39.0	[35.0, 43.1]	50.5	[46.3, 54.6]	3.1	[2.0, 4.8]	5.7	[4.1, 7.8]	0.8	[0.2, 2.6]	0.9	[0.4, 2.2]	100.0
100%+ (n=563)	32.8	[28.5, 37.5]	52.0	[47.2, 56.8]	4.8	[3.2, 7.2]	8.2	[5.9, 11.1]	1.1	[0.3, 3.7]	1.1	[0.4, 2.9]	100.0
Pearson: Uncorrected chi2(10) =	13.6364												
Design-based F(9.31, 22129.59) =	0.9024	Pr =	0.525										
Region													
UP/NW/NE (n=450)	39.2	[34.2, 44.5]	51.2	[45.9, 56.4]	2.6	[1.4, 4.8]	6.1	[3.8, 9.4]	0.0		0.9	[0.4, 2.3]	100.0
W/E Central/E (n=777)	38.7	[34.7, 42.7]	50.8	[46.8, 54.9]	4.4	[2.9, 6.8]	5.0	[3.6, 7.1]	0.2	[0.0, 1.4]	0.8	[0.2, 4.1]	100.0
S Central/SW/SE (n=464)	35.2	[30.5, 40.2]	51.4	[46.2, 56.6]	3.3	[1.9, 5.8]	7.8	[5.4, 11.1]	1.3	[0.4, 3.7]	1.0	[0.3, 3.3]	100.0
Detroit Metro (n=697)	36.2	[31.9, 40.8]	51.7	[47.0, 56.4]	4.1	[2.6, 6.5]	6.6	[4.5, 9.7]	0.6	[0.2, 1.9]	0.7	[0.3, 1.6]	100.0
Pearson: Uncorrected chi2(15) =	13.9358												
Design-based F(12.35, 29335.72) =	0.6315	Pr =	0.822										
Chronic condition (2016/2017 survey or DW)													
Yes (n=1,931)	38.5	[35.7, 41.3]	51.2	[48.3, 54.1]	3.3	[2.4, 4.7]	5.9	[4.6, 7.7]	0.4	[0.2, 1.1]	0.6	[0.3, 1.1]	100.0
No (n=457)	31.9	[26.9, 37.4]	51.9	[46.2, 57.6]	6.0	[3.7, 9.6]	7.7	[5.3, 11.0]	1.1	[0.3, 3.3]	1.4	[0.4, 5.6]	100.0
Pearson: Uncorrected chi2(5) =	20.3955												
Design-based F(4.81, 11420.92) =	2.0663	Pr =	0.069										
Total (n=2,388)	37.1	[34.6, 39.6]	51.4	[48.7, 54.0]	3.9	[3.0, 5.2]	6.3	[5.1, 7.8]	0.6	[0.3, 1.1]	0.8	[0.4, 1.5]	100.0

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

Follow-up group(s): Still enrolled

Universe: All respondents

	Strongly agree		Agree		Wouldn't be able to go to dentist without HMP				Strongly disagree		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Neutral	95%CI	Disagree	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group													
Still enrolled (n=2,388)	33.7	[31.3, 36.2]	49.9	[47.3, 52.5]	5.0	[3.9, 6.3]	7.7	[6.3, 9.3]	0.6	[0.4, 1.1]	3.0	[2.2, 4.3]	100.0
Pearson: Uncorrected chi2(0) =	.		.										
Design-based F(., .) =	.	Pr =	.										
Age													
19-34 (n=664)	32.2	[27.8, 36.8]	47.8	[43.0, 52.6]	6.6	[4.6, 9.5]	9.6	[7.4, 12.5]	0.5	[0.2, 1.6]	3.3	[1.8, 5.8]	100.0
35-50 (n=760)	37.1	[32.8, 41.5]	47.3	[42.8, 51.8]	4.3	[2.6, 6.8]	8.0	[5.5, 11.5]	0.7	[0.3, 1.8]	2.7	[1.3, 5.5]	100.0
51-64 (n=964)	31.6	[28.2, 35.2]	55.8	[52.0, 59.6]	3.8	[2.6, 5.4]	4.9	[3.5, 6.8]	0.7	[0.3, 1.8]	3.2	[2.2, 4.6]	100.0
Pearson: Uncorrected chi2(10) =	30.8576												
Design-based F(9.05, 21499.93) =	1.8235	Pr =	0.058										
Gender													
Male (n=933)	30.2	[26.5, 34.1]	49.8	[45.7, 54.0]	6.6	[4.7, 9.1]	9.5	[7.3, 12.2]	0.3	[0.1, 1.1]	3.6	[2.1, 6.1]	100.0
Female (n=1,455)	36.8	[33.6, 40.0]	50.0	[46.7, 53.3]	3.6	[2.6, 5.1]	6.2	[4.6, 8.3]	0.9	[0.5, 1.7]	2.6	[1.8, 3.7]	100.0
Pearson: Uncorrected chi2(5) =	31.8097												
Design-based F(4.91, 11677.09) =	3.6356	Pr =	0.003										
Race/ethnicity													
White, non-Hispanic (n=1,603)	34.2	[31.3, 37.3]	49.2	[46.1, 52.4]	5.7	[4.3, 7.6]	7.8	[6.0, 9.9]	0.8	[0.4, 1.5]	2.3	[1.5, 3.6]	100.0
Black, non-Hispanic (n=479)	34.1	[29.0, 39.6]	50.3	[44.7, 55.9]	3.5	[1.8, 6.5]	7.3	[4.8, 11.0]	0.5	[0.1, 1.9]	4.3	[2.3, 8.0]	100.0
Hispanic (n=100)	29.3	[19.5, 41.4]	52.9	[41.0, 64.5]	4.6	[1.6, 12.8]	8.0	[3.6, 16.8]	0.0		5.2	[1.5, 16.6]	100.0
Other, non-Hispanic (n=176)	34.0	[25.7, 43.4]	49.4	[40.2, 58.6]	4.5	[2.1, 9.6]	8.7	[5.0, 14.7]	0.5	[0.1, 3.5]	2.9	[1.1, 7.1]	100.0
Pearson: Uncorrected chi2(15) =	14.8563												
Design-based F(14.25, 33426.17) =	0.5679	Pr =	0.894										
FPL category													
0-35% (n=1,001)	35.3	[31.6, 39.1]	48.9	[45.0, 52.9]	4.9	[3.3, 7.2]	6.9	[5.0, 9.5]	0.6	[0.3, 1.4]	3.4	[2.1, 5.4]	100.0
36-99% (n=824)	33.8	[30.0, 37.8]	50.9	[46.8, 55.1]	5.6	[4.0, 7.7]	7.2	[5.3, 9.8]	0.5	[0.2, 1.3]	2.0	[1.3, 3.3]	100.0
100%+ (n=563)	28.9	[24.7, 33.4]	51.6	[46.8, 56.3]	4.4	[2.9, 6.7]	10.8	[8.2, 14.1]	0.9	[0.3, 2.8]	3.5	[1.9, 6.4]	100.0
Pearson: Uncorrected chi2(10) =	15.4588												
Design-based F(9.29, 22081.99) =	1.1469	Pr =	0.324										
Region													
UP/NW/NE (n=450)	35.0	[30.1, 40.3]	48.0	[42.8, 53.3]	5.0	[3.2, 7.7]	9.8	[6.8, 13.9]	0.1	[0.0, 0.9]	2.1	[1.1, 4.1]	100.0
W/E Central/E (n=777)	34.6	[30.9, 38.6]	50.7	[46.6, 54.8]	4.2	[2.5, 7.0]	7.2	[5.2, 10.0]	1.1	[0.5, 2.5]	2.1	[1.3, 3.5]	100.0
S Central/SW/SE (n=464)	30.8	[26.3, 35.7]	53.0	[47.7, 58.1]	5.3	[3.4, 8.0]	7.3	[5.0, 10.5]	1.1	[0.4, 3.2]	2.6	[1.3, 5.3]	100.0
Detroit Metro (n=697)	34.0	[29.7, 38.6]	48.6	[44.0, 53.3]	5.4	[3.6, 7.9]	7.8	[5.5, 10.9]	0.2	[0.1, 0.9]	4.0	[2.4, 6.7]	100.0
Pearson: Uncorrected chi2(15) =	19.5601												
Design-based F(12.55, 29822.83) =	1.0346	Pr =	0.413										
Chronic condition (2016/2017 survey or DW)													
Yes (n=1,931)	34.8	[32.1, 37.7]	49.8	[46.9, 52.7]	4.3	[3.2, 5.8]	7.3	[5.8, 9.1]	0.4	[0.2, 0.9]	3.4	[2.4, 4.9]	100.0
No (n=457)	29.7	[24.6, 35.3]	50.4	[44.7, 56.1]	7.4	[4.9, 11.0]	9.3	[6.4, 13.1]	1.5	[0.7, 3.4]	1.7	[0.7, 4.3]	100.0
Pearson: Uncorrected chi2(5) =	25.1046												
Design-based F(4.91, 11672.33) =	2.8726	Pr =	0.014										
Total (n=2,388)	33.7	[31.3, 36.2]	49.9	[47.3, 52.5]	5.0	[3.9, 6.3]	7.7	[6.3, 9.3]	0.6	[0.4, 1.1]	3.0	[2.2, 4.3]	100.0

2.18 Q: In the last 12 months, have you had any questions or problems using your Healthy Michigan Plan insurance?

Follow-up group(s): Still enrolled

Universe: All respondents

	Questions/problems using HMP in last 12 months						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,388)	11.0	[9.5, 12.7]	88.5	[86.8, 90.0]	0.5	[0.2, 0.9]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=664)	12.8	[9.9, 16.3]	87.1	[83.5, 89.9]	0.2	[0.0, 1.1]	100.0
35-50 (n=760)	9.4	[7.1, 12.3]	90.0	[87.0, 92.3]	0.6	[0.2, 1.6]	100.0
51-64 (n=964)	10.8	[8.6, 13.5]	88.5	[85.7, 90.8]	0.7	[0.2, 2.0]	100.0
Pearson: Uncorrected chi2(4) =	7.7544						
Design-based F(3.92, 9312.35) =	1.3176	Pr =	0.261				
Gender							
Male (n=933)	10.1	[7.9, 12.7]	89.7	[87.0, 91.9]	0.2	[0.0, 1.1]	100.0
Female (n=1,455)	11.9	[9.9, 14.2]	87.4	[85.1, 89.5]	0.7	[0.3, 1.5]	100.0
Pearson: Uncorrected chi2(2) =	5.2805						
Design-based F(2.00, 4744.85) =	1.6144	Pr =	0.199				
Race/ethnicity							
White, non-Hispanic (n=1,603)	11.6	[9.7, 13.9]	88.0	[85.7, 90.0]	0.4	[0.2, 1.1]	100.0
Black, non-Hispanic (n=479)	8.4	[5.8, 12.0]	91.0	[87.4, 93.7]	0.6	[0.2, 1.9]	100.0
Hispanic (n=100)	13.4	[7.8, 22.1]	85.4	[76.4, 91.3]	1.2	[0.2, 8.1]	100.0
Other, non-Hispanic (n=176)	11.6	[7.2, 18.3]	88.4	[81.7, 92.8]	0.0		100.0
Pearson: Uncorrected chi2(6) =	8.2354						
Design-based F(5.88, 13790.50) =	0.9328	Pr =	0.469				
FPL category							
0-35% (n=1,001)	10.3	[8.1, 12.9]	89.4	[86.7, 91.6]	0.4	[0.1, 1.0]	100.0
36-99% (n=824)	10.7	[8.4, 13.5]	88.6	[85.7, 91.0]	0.7	[0.2, 2.3]	100.0
100%+ (n=563)	13.9	[10.9, 17.6]	85.6	[81.9, 88.7]	0.4	[0.1, 2.1]	100.0
Pearson: Uncorrected chi2(4) =	5.8619						
Design-based F(3.90, 9273.36) =	1.1033	Pr =	0.353				
Region							
UP/NW/NE (n=450)	12.8	[9.7, 16.7]	87.1	[83.1, 90.2]	0.2	[0.0, 1.1]	100.0
W/E Central/E (n=777)	10.5	[8.1, 13.4]	89.1	[86.1, 91.5]	0.4	[0.1, 2.0]	100.0
S Central/SW/SE (n=464)	13.7	[10.5, 17.8]	86.1	[82.1, 89.4]	0.1	[0.0, 0.9]	100.0
Detroit Metro (n=697)	10.0	[7.5, 13.1]	89.3	[86.1, 91.8]	0.7	[0.3, 1.6]	100.0
Pearson: Uncorrected chi2(6) =	7.6995						
Design-based F(4.66, 11070.40) =	1.1814	Pr =	0.316				
Chronic condition (2016/2017 survey or DW)							
Yes (n=1,931)	11.5	[9.7, 13.5]	88.2	[86.1, 89.9]	0.3	[0.1, 0.8]	100.0
No (n=457)	9.3	[6.7, 12.9]	89.7	[86.0, 92.5]	1.0	[0.3, 2.8]	100.0
Pearson: Uncorrected chi2(2) =	5.6368						
Design-based F(2.00, 4741.11) =	1.9232	Pr =	0.146				
Total (n=2,388)	11.0	[9.5, 12.7]	88.5	[86.8, 90.0]	0.5	[0.2, 0.9]	100.0

2.18.1 Q: What kind of questions or difficulties did you have?

Follow-up group(s): Still enrolled

Universe: Respondents who had questions or problems using their Healthy Michigan Plan insurance in the last 12 months (n = 263)

Kind of questions or difficulties with HMP	Weighted Proportion	95%CI
Needed a service that wasn't covered (n=90)	34.0	[27.0, 41.7]
Difficulty/inability finding a provider (n=74)	30.5	[23.5, 38.5]
Difficulty finding out information (n=67)	24.7	[18.8, 31.6]
Payment issue- charged incorrectly (n=27)	9.0	[5.7, 13.9]
Payment issue- trouble making payments (n=21)	7.1	[4.2, 11.7]
Other (n=11)	5.7	[2.8, 11.5]
Admin problem- disenrolled/ declared ineligible but don't know why (n=7)	4.0	[1.7, 9.2]
Admin problem- problem with Medicaid/HMP ID card (n=8)	2.3	[1.1, 4.9]
Transportation/logistics (n=7)	2.3	[0.9, 5.3]
Admin problem- case worker difficulties (n=5)	2.2	[0.9, 5.7]
Difficulty getting appointment (n=3)	1.7	[0.5, 5.5]
Don't know (n=3)	1.2	[0.4, 4.1]
Difficulty completing re-enrollment materials (n=3)	0.8	[0.2, 2.8]
Admin problem- inaccurate information from/problem with Medicaid Health Plan (n=2)	0.8	[0.2, 3.4]
Admin problem- eligibility/administrative error by DHHS (n=4)	0.8	[0.3, 2.3]

Note: Respondents were able to provide multiple responses

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

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Strongly agree		Agree		Neutral		Disagree		Strongly disagree		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group													
Still enrolled (n=2,388)	43.7	[41.1, 46.2]	53.9	[51.3, 56.5]	1.2	[0.8, 1.8]	0.9	[0.5, 1.5]	0.2	[0.1, 0.6]	0.1	[0.1, 0.3]	100.0
No longer enrolled (n=709)	44.3	[39.7, 48.9]	52.2	[47.5, 56.8]	2.0	[1.2, 3.5]	1.4	[0.7, 2.6]	0.0		0.2	[0.0, 1.2]	100.0
Pearson: Uncorrected chi2(5) =	6.2528												
Design-based F(4.89, 15085.61) =	0.9501	Pr =	0.446										
Age													
19-34 (n=909)	43.7	[39.7, 47.8]	53.1	[48.9, 57.1]	1.7	[1.0, 2.7]	1.3	[0.7, 2.6]	0.2	[0.1, 1.0]	0.0		100.0
35-50 (n=969)	43.2	[39.3, 47.1]	54.1	[50.1, 58.0]	1.2	[0.6, 2.3]	1.1	[0.6, 2.1]	0.2	[0.0, 1.1]	0.3	[0.1, 0.7]	100.0
51-64 (n=1,219)	44.7	[41.3, 48.1]	53.5	[50.0, 56.9]	1.2	[0.6, 2.3]	0.4	[0.2, 0.9]	0.1	[0.0, 0.6]	0.1	[0.0, 1.0]	100.0
Pearson: Uncorrected chi2(10) =	9.9124												
Design-based F(9.13, 28176.36) =	0.8042	Pr =	0.614										
Gender													
Male (n=1,230)	40.8	[37.4, 44.4]	56.1	[52.5, 59.6]	1.4	[0.8, 2.3]	1.3	[0.7, 2.4]	0.3	[0.1, 0.9]	0.2	[0.0, 0.6]	100.0
Female (n=1,867)	46.4	[43.6, 49.3]	51.3	[48.4, 54.1]	1.4	[0.9, 2.1]	0.7	[0.4, 1.3]	0.1	[0.0, 0.6]	0.1	[0.0, 0.4]	100.0
Pearson: Uncorrected chi2(5) =	13.4985												
Design-based F(4.74, 14627.76) =	2.1145	Pr =	0.064										
Race/ethnicity													
White, non-Hispanic (n=2,058)	47.3	[44.5, 50.1]	49.8	[47.0, 52.6]	1.6	[1.0, 2.4]	1.0	[0.6, 1.6]	0.3	[0.1, 0.8]	0.1	[0.0, 0.3]	100.0
Black, non-Hispanic (n=634)	38.5	[33.9, 43.2]	59.6	[54.9, 64.2]	0.6	[0.3, 1.2]	1.1	[0.5, 2.6]	0.0		0.2	[0.0, 0.6]	100.0
Hispanic (n=138)	36.7	[27.5, 46.8]	61.0	[50.9, 70.3]	2.1	[0.6, 6.4]	0.3	[0.0, 1.9]	0.0		0.0		100.0
Other, non-Hispanic (n=228)	42.2	[34.5, 50.3]	53.8	[45.8, 61.7]	2.1	[0.8, 5.7]	1.4	[0.4, 4.5]	0.0		0.5	[0.1, 3.3]	100.0
Pearson: Uncorrected chi2(15) =	37.1765												
Design-based F(13.27, 40434.04) =	1.9187	Pr =	0.023										
FPL category													
0-35% (n=1,218)	44.5	[40.9, 48.0]	53.5	[49.9, 57.0]	0.9	[0.5, 1.7]	0.8	[0.4, 1.5]	0.2	[0.1, 0.8]	0.1	[0.0, 0.5]	100.0
36-99% (n=1,084)	44.7	[41.2, 48.3]	52.4	[48.8, 56.0]	1.7	[0.9, 3.0]	0.9	[0.4, 1.9]	0.2	[0.0, 1.1]	0.2	[0.1, 0.6]	100.0
100%+ (n=795)	40.7	[36.8, 44.8]	55.3	[51.2, 59.3]	2.2	[1.3, 3.7]	1.7	[0.8, 3.6]	0.0		0.1	[0.0, 0.8]	100.0
Pearson: Uncorrected chi2(10) =	13.9254												
Design-based F(9.45, 29144.43) =	1.1384	Pr =	0.330										
Region													
UP/NW/NE (n=574)	44.5	[39.9, 49.1]	52.4	[47.7, 57.0]	2.0	[1.0, 3.9]	0.9	[0.3, 3.2]	0.0		0.2	[0.0, 1.3]	100.0
W/E Central/E (n=980)	41.6	[38.1, 45.2]	55.6	[52.0, 59.2]	1.3	[0.7, 2.3]	0.9	[0.4, 1.7]	0.4	[0.1, 1.2]	0.2	[0.1, 0.7]	100.0
S Central/SW/SE (n=633)	44.1	[39.6, 48.7]	52.4	[47.8, 56.9]	2.0	[1.0, 3.9]	1.1	[0.5, 2.6]	0.3	[0.0, 2.1]	0.1	[0.0, 0.6]	100.0
Detroit Metro (n=910)	45.0	[41.0, 49.1]	52.8	[48.7, 56.9]	1.0	[0.5, 2.0]	1.0	[0.5, 2.1]	0.0		0.1	[0.0, 0.7]	100.0
Pearson: Uncorrected chi2(15) =	13.1283												
Design-based F(12.80, 39489.35) =	0.8030	Pr =	0.656										
Chronic condition (2016/2017 survey or DW)													
Yes (n=2,469)	43.0	[40.5, 45.5]	55.0	[52.5, 57.6]	1.1	[0.7, 1.7]	0.7	[0.4, 1.1]	0.0	[0.0, 0.2]	0.2	[0.1, 0.4]	100.0
No (n=628)	46.4	[41.6, 51.4]	48.5	[43.6, 53.4]	2.3	[1.3, 3.8]	2.1	[1.1, 4.1]	0.6	[0.2, 1.9]	0.1	[0.0, 0.5]	100.0
Pearson: Uncorrected chi2(5) =	34.4551												
Design-based F(4.40, 13586.19) =	5.8192	Pr =	0.000										
Total (n=3,097)	43.8	[41.6, 46.1]	53.5	[51.3, 55.8]	1.4	[1.0, 1.9]	1.0	[0.6, 1.5]	0.2	[0.1, 0.5]	0.1	[0.1, 0.3]	100.0

2.20 Q: Getting discounts on copays and premiums as a reward for working on improving your health is a good idea.

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Getting discounts for improving health is a good idea												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	
Follow-up group													
Still enrolled (n=2,387)	25.1	[22.9, 27.4]	65.9	[63.4, 68.3]	4.5	[3.5, 5.8]	2.5	[1.9, 3.4]	0.6	[0.3, 1.2]	1.5	[0.9, 2.3]	100.0
No longer enrolled (n=707)	29.4	[25.4, 33.8]	61.8	[57.1, 66.3]	3.8	[2.4, 6.2]	3.7	[1.9, 6.9]	0.4	[0.1, 1.4]	0.9	[0.2, 3.2]	100.0
Pearson: Uncorrected chi2(5) =	10.2740												
Design-based F(4.68, 14434.13) =	1.0417	Pr =	0.389										
Age													
19-34 (n=907)	25.4	[22.0, 29.1]	64.3	[60.2, 68.1]	5.7	[4.1, 7.8]	2.4	[1.3, 4.4]	0.9	[0.4, 1.9]	1.4	[0.6, 3.1]	100.0
35-50 (n=969)	28.0	[24.5, 31.7]	63.1	[59.1, 66.8]	4.2	[2.8, 6.4]	3.2	[2.2, 4.7]	0.3	[0.0, 2.1]	1.2	[0.6, 2.5]	100.0
51-64 (n=1,218)	24.7	[21.9, 27.7]	68.0	[64.8, 71.1]	2.8	[1.9, 4.0]	2.9	[1.8, 4.5]	0.4	[0.1, 1.6]	1.3	[0.6, 2.6]	100.0
Pearson: Uncorrected chi2(10) =	19.2820												
Design-based F(9.20, 28363.10) =	1.0347	Pr =	0.409										
Gender													
Male (n=1,229)	26.5	[23.5, 29.8]	66.2	[62.7, 69.5]	2.8	[1.9, 3.9]	2.3	[1.3, 4.0]	0.7	[0.3, 1.8]	1.5	[0.8, 2.9]	100.0
Female (n=1,865)	25.6	[23.2, 28.2]	63.8	[61.0, 66.5]	5.8	[4.4, 7.6]	3.3	[2.4, 4.4]	0.4	[0.1, 1.0]	1.1	[0.6, 2.1]	100.0
Pearson: Uncorrected chi2(5) =	22.5928												
Design-based F(4.91, 15122.56) =	2.4325	Pr =	0.034										
Race/ethnicity													
White, non-Hispanic (n=2,058)	26.9	[24.5, 29.5]	63.7	[61.0, 66.4]	5.8	[4.5, 7.4]	2.1	[1.5, 3.0]	0.7	[0.3, 1.6]	0.8	[0.4, 1.5]	100.0
Black, non-Hispanic (n=633)	26.8	[22.9, 31.1]	64.8	[60.1, 69.2]	2.2	[1.3, 3.7]	4.3	[2.5, 7.2]	0.4	[0.1, 1.4]	1.5	[0.7, 3.3]	100.0
Hispanic (n=138)	22.9	[14.5, 34.2]	64.1	[53.1, 73.7]	4.0	[1.7, 9.2]	4.7	[2.2, 10.1]	0.0		4.3	[1.2, 14.3]	100.0
Other, non-Hispanic (n=226)	19.8	[14.4, 26.5]	73.4	[66.1, 79.7]	1.5	[0.6, 3.8]	2.2	[1.0, 4.9]	0.0		3.0	[1.0, 8.6]	100.0
Pearson: Uncorrected chi2(15) =	65.0900												
Design-based F(13.67, 41596.00) =	2.5544	Pr =	0.001										
FPL category													
0-35% (n=1,217)	25.9	[22.9, 29.1]	63.2	[59.7, 66.6]	4.8	[3.4, 6.7]	3.2	[2.1, 4.8]	0.9	[0.4, 1.9]	2.0	[1.2, 3.4]	100.0
36-99% (n=1,083)	25.6	[22.6, 28.9]	67.0	[63.5, 70.2]	4.6	[3.4, 6.2]	2.1	[1.4, 3.2]	0.1	[0.0, 0.4]	0.6	[0.3, 1.5]	100.0
100%+ (n=794)	27.2	[23.7, 31.0]	66.5	[62.6, 70.2]	2.9	[2.0, 4.4]	2.7	[1.7, 4.3]	0.2	[0.0, 0.7]	0.4	[0.1, 1.3]	100.0
Pearson: Uncorrected chi2(10) =	29.5399												
Design-based F(9.01, 27771.27) =	2.6719	Pr =	0.004										
Region													
UP/NW/NE (n=574)	24.7	[21.1, 28.6]	67.7	[63.3, 71.8]	5.4	[3.6, 8.1]	2.0	[1.0, 4.0]	0.0		0.2	[0.1, 0.9]	100.0
W/E Central/E (n=980)	28.4	[25.2, 31.9]	63.0	[59.4, 66.5]	5.2	[3.7, 7.2]	2.1	[1.4, 3.4]	0.4	[0.1, 1.5]	0.8	[0.3, 1.8]	100.0
S Central/SW/SE (n=631)	24.6	[21.0, 28.6]	66.3	[61.9, 70.5]	4.6	[3.1, 6.8]	3.7	[2.2, 6.0]	0.3	[0.1, 0.9]	0.6	[0.2, 2.1]	100.0
Detroit Metro (n=909)	25.4	[22.0, 29.1]	65.1	[61.0, 68.9]	3.5	[2.1, 5.5]	3.0	[1.9, 4.9]	0.8	[0.3, 2.1]	2.2	[1.3, 3.9]	100.0
Pearson: Uncorrected chi2(15) =	33.0351												
Design-based F(12.47, 38445.67) =	1.6612	Pr =	0.065										
Chronic condition (2016/2017 survey or DW)													
Yes (n=2,467)	25.8	[23.6, 28.0]	65.3	[62.9, 67.7]	4.3	[3.4, 5.5]	3.0	[2.2, 4.1]	0.5	[0.2, 1.2]	1.1	[0.6, 1.8]	100.0
No (n=627)	27.0	[22.8, 31.7]	63.5	[58.6, 68.2]	4.5	[2.7, 7.4]	2.2	[1.2, 3.8]	0.6	[0.2, 1.9]	2.2	[1.0, 4.5]	100.0
Pearson: Uncorrected chi2(5) =	7.0366												
Design-based F(4.89, 15062.65) =	0.7642	Pr =	0.573										
Total (n=3,094)	26.1	[24.1, 28.1]	64.9	[62.7, 67.1]	4.4	[3.5, 5.4]	2.8	[2.1, 3.7]	0.5	[0.3, 1.1]	1.3	[0.8, 2.1]	100.0

Note: Total count is less than universe count due to item non-response.

2.21 Q: Everyone should have to pay something for their health care.

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Strongly agree		Agree		Everyone should pay something for their healthcare				Strongly disagree		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Neutral	Disagree	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group													
Still enrolled (n=2,387)	7.7	[6.4, 9.1]	46.5	[43.9, 49.1]	14.7	[13.1, 16.6]	24.1	[21.9, 26.4]	4.8	[3.7, 6.2]	2.2	[1.6, 3.1]	100.0
No longer enrolled (n=708)	10.1	[7.6, 13.2]	42.3	[37.8, 46.9]	10.0	[7.7, 12.8]	29.3	[25.2, 33.8]	7.8	[5.3, 11.3]	0.5	[0.2, 1.5]	100.0
Pearson: Uncorrected chi2(5) =	39.1134												
Design-based F(4.75, 14645.56) =	4.9664	Pr =	0.000										
Age													
19-34 (n=908)	6.9	[5.2, 9.0]	44.5	[40.5, 48.7]	15.1	[12.6, 17.9]	26.3	[22.9, 30.1]	6.1	[4.1, 8.8]	1.1	[0.5, 2.5]	100.0
35-50 (n=968)	9.6	[7.5, 12.3]	45.9	[42.0, 49.9]	12.3	[9.9, 15.2]	25.2	[21.8, 28.9]	4.6	[3.1, 6.8]	2.3	[1.4, 3.8]	100.0
51-64 (n=1,219)	8.4	[6.7, 10.4]	46.4	[43.0, 49.8]	13.3	[11.1, 15.9]	24.1	[21.2, 27.2]	5.7	[4.3, 7.6]	2.1	[1.3, 3.4]	100.0
Pearson: Uncorrected chi2(10) =	16.7759												
Design-based F(9.49, 29272.39) =	1.0203	Pr =	0.422										
Gender													
Male (n=1,230)	8.0	[6.4, 10.1]	50.1	[46.5, 53.7]	11.4	[9.4, 13.9]	22.4	[19.5, 25.6]	6.3	[4.5, 8.7]	1.8	[1.0, 2.9]	100.0
Female (n=1,865)	8.4	[7.0, 10.1]	41.5	[38.7, 44.3]	15.6	[13.7, 17.7]	27.9	[25.3, 30.5]	4.8	[3.7, 6.1]	1.9	[1.2, 2.8]	100.0
Pearson: Uncorrected chi2(5) =	34.6680												
Design-based F(4.95, 15273.72) =	4.0407	Pr =	0.001										
Race/ethnicity													
White, non-Hispanic (n=2,057)	9.2	[7.8, 10.9]	48.2	[45.5, 51.0]	14.8	[13.0, 16.8]	21.2	[19.0, 23.6]	5.3	[4.0, 7.0]	1.2	[0.8, 2.0]	100.0
Black, non-Hispanic (n=634)	7.2	[5.2, 9.9]	38.5	[33.8, 43.4]	11.6	[8.8, 15.1]	33.6	[29.1, 38.3]	6.4	[4.4, 9.2]	2.7	[1.6, 4.7]	100.0
Hispanic (n=137)	9.3	[4.2, 19.4]	51.0	[40.9, 61.0]	15.1	[9.6, 23.0]	21.7	[14.9, 30.6]	1.3	[0.3, 5.1]	1.6	[0.4, 6.3]	100.0
Other, non-Hispanic (n=228)	4.5	[2.2, 8.9]	46.3	[38.4, 54.3]	11.8	[7.9, 17.4]	27.2	[20.4, 35.3]	6.9	[3.2, 14.4]	3.4	[1.3, 8.2]	100.0
Pearson: Uncorrected chi2(15) =	79.3291												
Design-based F(14.04, 42737.00) =	3.0423	Pr =	0.000										
FPL category													
0-35% (n=1,217)	6.9	[5.3, 8.9]	42.0	[38.5, 45.6]	13.7	[11.6, 16.1]	28.6	[25.5, 31.9]	6.2	[4.6, 8.4]	2.6	[1.7, 3.9]	100.0
36-99% (n=1,083)	8.9	[7.1, 11.1]	51.0	[47.4, 54.6]	14.9	[12.4, 17.8]	19.8	[17.1, 22.8]	4.4	[2.9, 6.8]	1.0	[0.6, 1.7]	100.0
100%+ (n=795)	10.8	[8.4, 13.9]	47.2	[43.2, 51.3]	11.8	[9.5, 14.6]	24.3	[20.9, 28.0]	4.9	[3.3, 7.2]	0.9	[0.4, 2.0]	100.0
Pearson: Uncorrected chi2(10) =	54.1247												
Design-based F(9.29, 28641.75) =	4.0616	Pr =	0.000										
Region													
UP/NW/NE (n=574)	9.1	[6.9, 12.0]	52.0	[47.3, 56.5]	13.4	[10.5, 17.0]	20.2	[16.8, 24.2]	4.0	[2.5, 6.4]	1.2	[0.5, 2.6]	100.0
W/E Central/E (n=978)	8.6	[6.7, 11.1]	49.4	[45.8, 53.0]	14.6	[12.3, 17.3]	21.1	[18.4, 24.2]	4.7	[3.3, 6.6]	1.5	[0.8, 2.6]	100.0
S Central/SW/SE (n=633)	6.1	[4.5, 8.2]	45.1	[40.7, 49.7]	14.3	[11.5, 17.7]	26.2	[22.3, 30.5]	6.8	[4.3, 10.6]	1.5	[0.7, 3.1]	100.0
Detroit Metro (n=910)	8.7	[6.7, 11.1]	41.7	[37.7, 45.8]	12.7	[10.3, 15.5]	28.8	[25.3, 32.7]	5.7	[4.0, 8.2]	2.3	[1.5, 3.8]	100.0
Pearson: Uncorrected chi2(15) =	39.0419												
Design-based F(12.81, 39505.36) =	2.0568	Pr =	0.014										
Chronic condition (2016/2017 survey or DW)													
Yes (n=2,469)	7.7	[6.5, 9.1]	46.9	[44.4, 49.5]	12.1	[10.6, 13.7]	26.1	[23.9, 28.4]	5.4	[4.3, 6.7]	1.9	[1.3, 2.7]	100.0
No (n=626)	9.9	[7.3, 13.3]	40.9	[36.3, 45.7]	18.8	[15.4, 22.8]	22.8	[18.8, 27.3]	5.9	[3.4, 9.9]	1.7	[0.8, 3.3]	100.0
Pearson: Uncorrected chi2(5) =	28.7878												
Design-based F(4.68, 14414.05) =	3.0147	Pr =	0.012										
Total (n=3,095)	8.2	[7.1, 9.5]	45.5	[43.3, 47.8]	13.6	[12.2, 15.2]	25.3	[23.4, 27.3]	5.5	[4.4, 6.8]	1.8	[1.3, 2.5]	100.0

Note: Total count is less than universe count due to item non-response.

2.22 Q: Doctors treat people on Medicaid the same as people with private insurance.

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Doctor's treat Medicaid and private insurance people the same												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	
Follow-up group													
Still enrolled (n=2,386)	10.8	[9.3, 12.5]	41.9	[39.4, 44.5]	13.0	[11.3, 14.9]	19.4	[17.5, 21.4]	6.3	[5.1, 7.7]	8.6	[7.3, 10.1]	100.0
No longer enrolled (n=708)	7.1	[5.2, 9.7]	40.8	[36.4, 45.4]	13.6	[10.4, 17.6]	27.3	[23.3, 31.6]	7.4	[5.4, 10.1]	3.8	[2.4, 6.0]	100.0
Pearson: Uncorrected chi2(5) =	41.4814												
Design-based F(4.94, 15234.64) =	5.1235	Pr =	0.000										
Age													
19-34 (n=909)	9.7	[7.5, 12.5]	43.5	[39.4, 47.7]	16.3	[13.5, 19.5]	20.8	[17.9, 24.1]	5.8	[4.3, 7.9]	3.8	[2.8, 5.3]	100.0
35-50 (n=968)	9.8	[7.8, 12.4]	37.4	[33.7, 41.2]	11.0	[8.6, 14.0]	24.5	[21.3, 28.0]	7.9	[5.9, 10.5]	9.4	[7.2, 12.3]	100.0
51-64 (n=1,217)	10.4	[8.5, 12.6]	44.4	[41.0, 47.8]	11.6	[9.5, 14.1]	17.9	[15.4, 20.6]	5.8	[4.4, 7.7]	9.9	[8.0, 12.2]	100.0
Pearson: Uncorrected chi2(10) =	68.9179												
Design-based F(9.65, 29746.49) =	4.4136	Pr =	0.000										
Gender													
Male (n=1,230)	9.2	[7.4, 11.4]	41.2	[37.7, 44.8]	14.3	[11.8, 17.1]	20.6	[17.9, 23.5]	6.3	[4.8, 8.2]	8.5	[6.7, 10.6]	100.0
Female (n=1,864)	10.6	[8.9, 12.6]	42.1	[39.2, 44.9]	12.2	[10.4, 14.2]	21.8	[19.6, 24.2]	6.7	[5.4, 8.4]	6.6	[5.3, 8.1]	100.0
Pearson: Uncorrected chi2(5) =	8.7003												
Design-based F(4.99, 15364.60) =	1.0442	Pr =	0.389										
Race/ethnicity													
White, non-Hispanic (n=2,057)	11.2	[9.5, 13.1]	42.4	[39.7, 45.2]	14.7	[12.7, 17.0]	19.1	[17.1, 21.3]	6.3	[5.0, 7.8]	6.4	[5.2, 7.8]	100.0
Black, non-Hispanic (n=633)	8.2	[5.9, 11.1]	39.7	[34.9, 44.7]	9.6	[7.1, 12.9]	26.9	[23.0, 31.3]	6.9	[4.8, 9.7]	8.7	[6.6, 11.6]	100.0
Hispanic (n=137)	4.3	[1.8, 10.3]	46.8	[36.9, 56.9]	14.4	[9.0, 22.3]	13.0	[8.2, 20.0]	10.9	[5.5, 20.3]	10.6	[5.1, 20.6]	100.0
Other, non-Hispanic (n=228)	10.8	[7.1, 16.0]	40.3	[32.6, 48.5]	13.3	[9.0, 19.3]	22.4	[16.6, 29.6]	4.1	[1.8, 9.1]	9.1	[4.9, 16.1]	100.0
Pearson: Uncorrected chi2(15) =	59.7383												
Design-based F(14.47, 44020.03) =	2.2853	Pr =	0.004										
FPL category													
0-35% (n=1,217)	10.8	[8.8, 13.1]	40.8	[37.3, 44.4]	12.7	[10.4, 15.3]	20.2	[17.6, 23.1]	6.9	[5.3, 8.9]	8.6	[6.9, 10.8]	100.0
36-99% (n=1,083)	8.9	[7.2, 10.9]	42.4	[38.9, 45.9]	13.3	[10.8, 16.3]	24.1	[21.2, 27.3]	5.7	[4.2, 7.6]	5.6	[4.3, 7.4]	100.0
100%+ (n=794)	9.3	[7.1, 12.0]	42.9	[38.9, 47.0]	14.2	[11.4, 17.6]	19.9	[16.9, 23.2]	6.8	[4.9, 9.3]	6.9	[5.1, 9.3]	100.0
Pearson: Uncorrected chi2(10) =	16.8595												
Design-based F(9.64, 29704.64) =	1.2532	Pr =	0.253										
Region													
UP/NW/NE (n=574)	11.6	[9.0, 14.9]	42.7	[38.2, 47.3]	13.4	[10.6, 16.7]	19.5	[15.9, 23.7]	5.1	[3.4, 7.6]	7.8	[5.7, 10.5]	100.0
W/E Central/E (n=978)	10.1	[8.2, 12.5]	42.9	[39.4, 46.6]	13.8	[11.3, 16.7]	20.9	[18.2, 23.9]	5.8	[4.3, 7.7]	6.5	[5.0, 8.4]	100.0
S Central/SW/SE (n=632)	10.4	[7.9, 13.6]	39.5	[35.1, 44.0]	12.6	[10.0, 15.8]	23.7	[19.8, 28.2]	7.0	[5.0, 9.5]	6.8	[4.9, 9.5]	100.0
Detroit Metro (n=910)	9.3	[7.1, 11.9]	41.5	[37.5, 45.7]	12.9	[10.2, 16.1]	20.8	[17.9, 24.1]	7.1	[5.3, 9.6]	8.4	[6.4, 10.8]	100.0
Pearson: Uncorrected chi2(15) =	10.9840												
Design-based F(13.17, 40593.87) =	0.5841	Pr =	0.871										
Chronic condition (2016/2017 survey or DW)													
Yes (n=2,467)	10.2	[8.7, 11.8]	41.8	[39.3, 44.4]	11.8	[10.2, 13.6]	21.6	[19.7, 23.7]	6.3	[5.2, 7.6]	8.3	[7.0, 9.8]	100.0
No (n=627)	9.2	[6.8, 12.3]	41.1	[36.4, 46.0]	17.6	[14.0, 21.8]	19.9	[16.3, 24.1]	7.4	[5.1, 10.6]	4.8	[3.2, 7.2]	100.0
Pearson: Uncorrected chi2(5) =	25.0302												
Design-based F(4.97, 15306.20) =	2.8755	Pr =	0.014										
Total (n=3,094)	9.9	[8.7, 11.4]	41.7	[39.4, 43.9]	13.2	[11.6, 14.8]	21.2	[19.5, 23.1]	6.5	[5.5, 7.7]	7.5	[6.4, 8.7]	100.0

Note: Total count is less than universe count due to item non-response.

2.23 Q: Medicaid helps people get a "leg-up" when they really need it.

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Strongly agree		Agree		Medicaid helps people when they really need it				Strongly disagree		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Neutral	95%CI	Disagree	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group													
Still enrolled (n=2,386)	23.4	[21.2, 25.7]	63.4	[60.8, 65.9]	5.8	[4.7, 7.2]	3.7	[2.8, 4.9]	0.9	[0.5, 1.8]	2.8	[2.1, 3.6]	100.0
No longer enrolled (n=707)	23.2	[19.5, 27.5]	67.3	[62.7, 71.5]	4.1	[2.8, 6.1]	4.3	[2.8, 6.7]	0.3	[0.1, 1.2]	0.7	[0.2, 3.2]	100.0
Pearson: Uncorrected chi2(5) =	17.6072												
Design-based F(4.45, 13703.32) =	1.9913	Pr =	0.085										
Age													
19-34 (n=907)	21.9	[18.6, 25.7]	65.4	[61.4, 69.2]	8.0	[6.2, 10.3]	2.8	[1.9, 4.3]	0.5	[0.2, 1.5]	1.3	[0.6, 2.5]	100.0
35-50 (n=967)	23.1	[19.8, 26.7]	62.4	[58.4, 66.2]	4.7	[3.2, 7.0]	5.8	[4.1, 8.2]	1.3	[0.5, 3.4]	2.6	[1.7, 4.1]	100.0
51-64 (n=1,219)	25.6	[22.7, 28.7]	65.1	[61.7, 68.3]	2.9	[2.0, 4.2]	2.8	[1.9, 4.3]	0.5	[0.1, 1.6]	3.2	[2.2, 4.6]	100.0
Pearson: Uncorrected chi2(10) =	60.9050												
Design-based F(9.47, 29170.51) =	3.6807	Pr =	0.000										
Gender													
Male (n=1,227)	23.6	[20.7, 26.8]	65.1	[61.6, 68.4]	4.5	[3.4, 6.1]	3.4	[2.3, 5.0]	1.2	[0.5, 2.7]	2.2	[1.5, 3.4]	100.0
Female (n=1,866)	23.2	[20.8, 25.8]	63.6	[60.7, 66.4]	6.2	[4.8, 8.0]	4.2	[3.2, 5.6]	0.4	[0.2, 1.0]	2.3	[1.6, 3.3]	100.0
Pearson: Uncorrected chi2(5) =	11.0816												
Design-based F(4.94, 15218.75) =	1.2986	Pr =	0.262										
Race/ethnicity													
White, non-Hispanic (n=2,056)	26.4	[23.9, 29.1]	62.4	[59.6, 65.2]	5.9	[4.6, 7.5]	2.7	[1.9, 3.8]	0.6	[0.2, 1.5]	2.0	[1.4, 2.7]	100.0
Black, non-Hispanic (n=634)	18.0	[14.6, 21.9]	67.2	[62.5, 71.6]	4.6	[3.0, 6.8]	6.8	[4.7, 9.9]	1.2	[0.4, 3.8]	2.2	[1.3, 3.8]	100.0
Hispanic (n=137)	19.3	[12.2, 29.0]	65.4	[55.0, 74.5]	6.0	[2.7, 12.6]	2.6	[1.1, 5.8]	0.9	[0.2, 3.7]	5.9	[2.2, 15.0]	100.0
Other, non-Hispanic (n=227)	22.3	[16.5, 29.4]	67.3	[59.6, 74.1]	5.2	[2.7, 9.8]	3.6	[1.8, 7.1]	0.0		1.7	[0.8, 3.6]	100.0
Pearson: Uncorrected chi2(15) =	64.5738												
Design-based F(12.86, 39131.00) =	2.6301	Pr =	0.001										
FPL category													
0-35% (n=1,215)	24.7	[21.7, 27.9]	62.1	[58.6, 65.5]	5.6	[4.1, 7.5]	3.9	[2.7, 5.6]	1.0	[0.4, 2.4]	2.7	[1.8, 4.0]	100.0
36-99% (n=1,083)	22.3	[19.5, 25.5]	65.8	[62.3, 69.1]	5.4	[4.1, 7.2]	3.6	[2.5, 5.2]	0.7	[0.3, 2.0]	2.1	[1.4, 3.2]	100.0
100%+ (n=795)	21.4	[18.1, 25.2]	67.9	[63.9, 71.7]	5.1	[3.6, 7.1]	4.1	[2.8, 6.0]	0.1	[0.0, 0.9]	1.4	[0.8, 2.6]	100.0
Pearson: Uncorrected chi2(10) =	13.9504												
Design-based F(9.12, 28091.37) =	1.0694	Pr =	0.382										
Region													
UP/NW/NE (n=574)	25.3	[21.4, 29.6]	65.3	[60.7, 69.5]	4.1	[2.7, 6.1]	2.7	[1.6, 4.6]	0.0		2.6	[1.6, 4.3]	100.0
W/E Central/E (n=978)	22.3	[19.3, 25.6]	64.7	[61.1, 68.2]	6.5	[4.8, 8.7]	3.5	[2.4, 5.1]	0.7	[0.3, 1.7]	2.3	[1.5, 3.5]	100.0
S Central/SW/SE (n=631)	24.1	[20.6, 28.1]	65.9	[61.5, 70.0]	3.9	[2.6, 5.9]	3.3	[1.9, 5.5]	0.2	[0.1, 0.9]	2.6	[1.5, 4.2]	100.0
Detroit Metro (n=910)	23.4	[20.0, 27.2]	63.1	[59.0, 67.0]	5.7	[4.1, 7.9]	4.5	[3.1, 6.6]	1.2	[0.5, 2.9]	2.1	[1.2, 3.5]	100.0
Pearson: Uncorrected chi2(15) =	18.9476												
Design-based F(11.88, 36613.96) =	0.9719	Pr =	0.473										
Chronic condition (2016/2017 survey or DW)													
Yes (n=2,467)	23.7	[21.5, 26.0]	64.3	[61.8, 66.8]	4.8	[3.8, 6.1]	3.9	[3.0, 5.0]	1.0	[0.5, 1.9]	2.3	[1.7, 3.0]	100.0
No (n=626)	22.3	[18.5, 26.7]	64.2	[59.3, 68.8]	7.5	[5.3, 10.4]	3.6	[2.0, 6.5]	0.1	[0.0, 0.6]	2.3	[1.2, 4.3]	100.0
Pearson: Uncorrected chi2(5) =	13.0988												
Design-based F(4.57, 14072.44) =	1.6195	Pr =	0.157										
Total (n=3,093)	23.4	[21.5, 25.4]	64.3	[62.1, 66.5]	5.4	[4.5, 6.6]	3.8	[3.0, 4.9]	0.8	[0.4, 1.5]	2.3	[1.7, 3.0]	100.0

Note: Total count is less than universe count due to item non-response.

2.24 Q: Many people on Medicaid do not want other people to know.

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Strongly agree		Agree		Neutral		Disagree		Strongly disagree		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group													
Still enrolled (n=2,386)	8.0	[6.7, 9.5]	33.2	[30.9, 35.7]	18.0	[16.0, 20.1]	25.1	[22.8, 27.5]	1.9	[1.3, 2.8]	13.8	[12.0, 15.8]	100.0
No longer enrolled (n=706)	6.5	[4.7, 9.0]	37.8	[33.3, 42.4]	17.8	[14.6, 21.4]	30.2	[26.2, 34.6]	4.3	[2.5, 7.4]	3.4	[2.1, 5.4]	100.0
Pearson: Uncorrected chi2(5) =	75.3384												
Design-based F(4.86, 14974.37) =	9.1644	Pr =	0.000										
Age													
19-34 (n=907)	5.5	[4.0, 7.5]	30.8	[27.1, 34.8]	22.7	[19.5, 26.2]	30.0	[26.3, 33.9]	3.6	[2.3, 5.6]	7.4	[5.5, 10.1]	100.0
35-50 (n=967)	8.9	[6.9, 11.6]	32.5	[29.1, 36.2]	15.0	[12.3, 18.1]	27.5	[24.1, 31.2]	2.4	[1.4, 4.2]	13.6	[10.9, 16.8]	100.0
51-64 (n=1,218)	8.9	[7.2, 11.1]	41.0	[37.6, 44.4]	15.1	[12.8, 17.8]	19.9	[17.3, 22.8]	1.1	[0.6, 2.1]	13.9	[11.6, 16.5]	100.0
Pearson: Uncorrected chi2(10) =	108.1219												
Design-based F(9.51, 29303.03) =	6.6766	Pr =	0.000										
Gender													
Male (n=1,227)	7.1	[5.6, 9.0]	33.4	[30.2, 36.9]	19.3	[16.7, 22.3]	25.1	[22.0, 28.3]	2.4	[1.5, 3.9]	12.7	[10.4, 15.4]	100.0
Female (n=1,865)	8.1	[6.6, 9.9]	35.1	[32.4, 37.7]	16.7	[14.6, 18.9]	27.4	[24.8, 30.1]	2.6	[1.7, 3.9]	10.2	[8.6, 12.1]	100.0
Pearson: Uncorrected chi2(5) =	10.2767												
Design-based F(4.96, 15272.53) =	1.1779	Pr =	0.317										
Race/ethnicity													
White, non-Hispanic (n=2,056)	9.9	[8.3, 11.7]	39.8	[37.1, 42.5]	20.3	[18.1, 22.8]	20.1	[17.9, 22.5]	1.5	[0.9, 2.4]	8.5	[7.1, 10.0]	100.0
Black, non-Hispanic (n=633)	4.4	[2.8, 7.0]	24.7	[20.7, 29.2]	12.7	[10.0, 16.0]	37.9	[33.3, 42.7]	4.7	[3.0, 7.4]	15.6	[12.1, 19.7]	100.0
Hispanic (n=137)	4.7	[2.4, 9.2]	26.8	[19.2, 36.2]	15.6	[10.0, 23.5]	36.4	[26.8, 47.3]	3.9	[1.0, 14.2]	12.5	[7.6, 19.9]	100.0
Other, non-Hispanic (n=227)	5.0	[2.6, 9.3]	29.7	[23.1, 37.2]	19.0	[13.5, 26.2]	26.1	[19.7, 33.8]	1.4	[0.5, 3.7]	18.7	[12.6, 26.9]	100.0
Pearson: Uncorrected chi2(15) =	226.8797												
Design-based F(13.91, 42309.93) =	8.8742	Pr =	0.000										
FPL category													
0-35% (n=1,216)	7.8	[6.2, 9.9]	31.7	[28.5, 35.1]	16.3	[13.9, 19.2]	28.2	[25.1, 31.6]	3.1	[2.1, 4.7]	12.8	[10.5, 15.4]	100.0
36-99% (n=1,082)	7.4	[5.9, 9.4]	36.1	[32.9, 39.5]	21.5	[18.5, 24.8]	23.6	[20.7, 26.8]	1.6	[0.9, 2.9]	9.7	[7.6, 12.2]	100.0
100%+ (n=794)	7.4	[5.5, 10.0]	38.6	[34.7, 42.6]	17.0	[14.3, 20.2]	24.9	[21.4, 28.7]	2.0	[1.0, 3.9]	10.1	[7.9, 12.8]	100.0
Pearson: Uncorrected chi2(10) =	32.8872												
Design-based F(9.65, 29717.89) =	2.3708	Pr =	0.009										
Region													
UP/NW/NE (n=574)	6.4	[4.5, 9.0]	48.0	[43.4, 52.7]	18.7	[15.4, 22.6]	17.4	[14.0, 21.5]	0.8	[0.3, 2.0]	8.7	[6.4, 11.6]	100.0
W/E Central/E (n=979)	7.7	[6.0, 9.9]	38.6	[35.1, 42.2]	20.2	[17.4, 23.4]	23.7	[20.7, 26.9]	0.8	[0.4, 1.9]	8.9	[7.2, 11.1]	100.0
S Central/SW/SE (n=633)	9.0	[6.9, 11.7]	35.3	[30.9, 40.0]	18.9	[15.6, 22.7]	23.6	[20.0, 27.6]	2.3	[1.2, 4.5]	10.9	[8.4, 14.0]	100.0
Detroit Metro (n=906)	7.3	[5.4, 9.7]	27.9	[24.4, 31.7]	15.7	[12.9, 19.0]	31.1	[27.4, 35.1]	4.1	[2.8, 6.1]	13.8	[11.2, 17.1]	100.0
Pearson: Uncorrected chi2(15) =	110.8329												
Design-based F(13.05, 40204.10) =	5.9557	Pr =	0.000										
Chronic condition (2016/2017 survey or DW)													
Yes (n=2,466)	7.8	[6.6, 9.2]	34.7	[32.4, 37.1]	16.0	[14.2, 18.0]	27.0	[24.7, 29.3]	2.4	[1.7, 3.5]	12.1	[10.4, 13.9]	100.0
No (n=626)	7.2	[5.0, 10.2]	32.8	[28.4, 37.6]	24.2	[20.3, 28.5]	24.0	[20.0, 28.6]	2.8	[1.5, 5.1]	9.0	[6.6, 12.2]	100.0
Pearson: Uncorrected chi2(5) =	27.8323												
Design-based F(4.98, 15338.16) =	3.0719	Pr =	0.009										
Total (n=3,092)	7.6	[6.6, 8.9]	34.3	[32.2, 36.4]	17.9	[16.2, 19.7]	26.3	[24.3, 28.4]	2.5	[1.8, 3.4]	11.4	[10.0, 13.0]	100.0

Note: Total count is less than universe count due to item non-response.

2.25 Q: A lot of people in this country don't respect those on Medicaid.

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Strongly agree		Agree		People don't respect those on Medicaid				Strongly disagree		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Neutral	Disagree	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group													
Still enrolled (n=2,384)	10.6	[9.1, 12.3]	37.8	[35.3, 40.3]	16.0	[14.1, 18.0]	22.8	[20.7, 25.1]	2.6	[1.8, 3.7]	10.2	[8.7, 12.0]	100.0
No longer enrolled (n=708)	9.1	[7.0, 11.8]	44.0	[39.4, 48.6]	17.1	[13.8, 20.8]	23.3	[19.7, 27.3]	2.8	[1.1, 6.7]	3.8	[2.4, 5.9]	100.0
Pearson: Uncorrected chi2(5) = Design-based F(4.10, 12641.14) =	33.3869 3.4137		Pr =	0.008									
Age													
19-34 (n=908)	10.4	[8.1, 13.1]	33.8	[30.1, 37.8]	18.8	[16.0, 21.9]	26.8	[23.3, 30.6]	3.9	[2.3, 6.5]	6.3	[4.4, 9.1]	100.0
35-50 (n=966)	9.8	[7.9, 12.1]	40.2	[36.4, 44.1]	15.3	[12.4, 18.6]	23.6	[20.4, 27.1]	2.3	[1.3, 3.9]	8.9	[6.6, 11.7]	100.0
51-64 (n=1,218)	10.7	[8.7, 13.0]	45.2	[41.8, 48.6]	14.0	[11.7, 16.5]	17.0	[14.6, 19.7]	1.5	[0.7, 3.0]	11.7	[9.7, 14.1]	100.0
Pearson: Uncorrected chi2(10) = Design-based F(9.39, 28919.11) =	75.2982 4.2699		Pr =	0.000									
Gender													
Male (n=1,229)	8.7	[7.1, 10.7]	36.3	[32.9, 39.8]	17.2	[14.7, 20.1]	24.6	[21.7, 27.8]	3.4	[2.1, 5.5]	9.8	[7.8, 12.3]	100.0
Female (n=1,863)	11.6	[9.9, 13.6]	41.8	[39.1, 44.7]	15.4	[13.4, 17.5]	21.4	[19.1, 23.9]	2.0	[1.2, 3.3]	7.8	[6.3, 9.6]	100.0
Pearson: Uncorrected chi2(5) = Design-based F(4.83, 14884.60) =	26.2224 2.8390		Pr =	0.016									
Race/ethnicity													
White, non-Hispanic (n=2,056)	12.9	[11.1, 14.9]	44.1	[41.3, 46.9]	18.0	[15.9, 20.4]	17.5	[15.5, 19.7]	1.5	[0.9, 2.6]	6.0	[4.9, 7.2]	100.0
Black, non-Hispanic (n=633)	6.8	[4.9, 9.3]	30.0	[25.8, 34.5]	12.4	[9.7, 15.8]	33.2	[28.7, 38.0]	5.0	[2.9, 8.3]	12.6	[9.4, 16.7]	100.0
Hispanic (n=137)	6.3	[3.1, 12.4]	41.6	[32.1, 51.9]	13.8	[8.7, 21.2]	25.5	[17.3, 35.9]	1.5	[0.3, 7.1]	11.2	[6.0, 20.1]	100.0
Other, non-Hispanic (n=227)	5.5	[3.0, 9.9]	33.2	[26.3, 41.0]	16.3	[11.1, 23.3]	27.2	[21.0, 34.4]	3.8	[1.2, 11.8]	13.9	[8.6, 21.8]	100.0
Pearson: Uncorrected chi2(15) = Design-based F(13.68, 41605.08) =	203.7631 7.3842		Pr =	0.000									
FPL category													
0-35% (n=1,217)	10.7	[8.8, 13.0]	37.0	[33.7, 40.5]	15.5	[13.0, 18.4]	23.2	[20.3, 26.3]	3.4	[2.1, 5.5]	10.1	[8.1, 12.5]	100.0
36-99% (n=1,081)	10.1	[8.2, 12.2]	41.4	[37.9, 44.9]	16.7	[14.2, 19.5]	22.8	[19.9, 26.0]	1.8	[1.1, 3.0]	7.2	[5.3, 9.8]	100.0
100%+ (n=794)	9.4	[7.3, 11.9]	42.0	[38.0, 46.0]	17.4	[14.6, 20.6]	22.4	[19.1, 26.1]	1.8	[0.9, 3.3]	7.1	[5.3, 9.4]	100.0
Pearson: Uncorrected chi2(10) = Design-based F(9.50, 29267.24) =	21.9595 1.5964		Pr =	0.105									
Region													
UP/NW/NE (n=574)	10.6	[8.0, 14.0]	47.8	[43.2, 52.5]	16.1	[13.1, 19.6]	17.0	[13.7, 20.9]	0.8	[0.3, 2.3]	7.7	[5.5, 10.7]	100.0
W/E Central/E (n=978)	9.9	[8.0, 12.2]	44.3	[40.7, 47.9]	17.9	[15.3, 20.9]	19.7	[16.9, 22.7]	1.8	[1.0, 3.0]	6.5	[5.0, 8.3]	100.0
S Central/SW/SE (n=633)	10.6	[8.3, 13.4]	43.1	[38.6, 47.7]	17.3	[14.0, 21.3]	18.7	[15.5, 22.3]	2.5	[1.2, 5.2]	7.9	[5.7, 10.8]	100.0
Detroit Metro (n=907)	10.3	[8.1, 13.0]	32.2	[28.5, 36.2]	14.6	[11.9, 17.8]	28.3	[24.8, 32.1]	3.7	[2.2, 6.2]	10.9	[8.4, 13.9]	100.0
Pearson: Uncorrected chi2(15) = Design-based F(12.87, 39642.04) =	89.8225 4.5653		Pr =	0.000									
Chronic condition (2016/2017 survey or DW)													
Yes (n=2,467)	11.0	[9.6, 12.7]	39.5	[37.1, 42.0]	14.9	[13.1, 16.8]	23.3	[21.2, 25.6]	2.3	[1.5, 3.4]	8.9	[7.5, 10.6]	100.0
No (n=625)	7.7	[5.6, 10.3]	38.2	[33.5, 43.1]	20.6	[17.1, 24.7]	21.6	[18.0, 25.8]	3.9	[2.0, 7.6]	8.0	[5.5, 11.4]	100.0
Pearson: Uncorrected chi2(5) = Design-based F(4.61, 14190.55) =	24.0349 2.4237		Pr =	0.038									
Total (n=3,092)	10.3	[9.0, 11.7]	39.2	[37.1, 41.4]	16.2	[14.6, 18.0]	22.9	[21.0, 24.9]	2.7	[1.9, 3.8]	8.7	[7.5, 10.2]	100.0

Note: Total count is less than universe count due to item non-response.

2.26 Q: There should be a limit on how long someone can be covered by Medicaid.

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Strongly agree		Agree		There should be a limit on the length of Medicaid coverage				Strongly disagree		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Neutral	Disagree	Disagree	Disagree	Row%	95%CI	Row%	95%CI	
Follow-up group													
Still enrolled (n=2,386)	1.1	[0.7, 1.7]	12.2	[10.6, 14.1]	12.8	[11.2, 14.6]	53.3	[50.7, 55.9]	15.6	[13.7, 17.8]	4.9	[3.8, 6.3]	100.0
No longer enrolled (n=708)	1.3	[0.7, 2.5]	13.8	[11.0, 17.1]	11.3	[8.7, 14.5]	58.6	[53.9, 63.1]	12.7	[9.4, 16.8]	2.4	[1.2, 4.6]	100.0
Pearson: Uncorrected chi2(5) = Design-based F(4.70, 14496.71) =	16.9123 2.0050		Pr =	0.079									
Age													
19-34 (n=909)	1.3	[0.7, 2.3]	12.1	[9.6, 15.1]	13.5	[11.1, 16.3]	53.6	[49.4, 57.7]	16.6	[13.6, 20.3]	2.9	[1.6, 5.2]	100.0
35-50 (n=968)	0.9	[0.4, 2.0]	12.1	[9.8, 15.0]	12.1	[9.8, 14.9]	55.7	[51.6, 59.6]	14.4	[11.6, 17.7]	4.8	[3.2, 7.2]	100.0
51-64 (n=1,217)	1.2	[0.7, 2.1]	13.8	[11.5, 16.5]	11.4	[9.5, 13.8]	54.5	[51.1, 57.9]	13.4	[11.3, 15.9]	5.6	[4.2, 7.4]	100.0
Pearson: Uncorrected chi2(10) = Design-based F(9.10, 28046.56) =	17.6274 1.0474		Pr =	0.399									
Gender													
Male (n=1,229)	1.5	[0.9, 2.4]	12.8	[10.7, 15.3]	12.7	[10.5, 15.2]	51.4	[47.8, 55.0]	16.6	[13.9, 19.9]	5.0	[3.6, 7.0]	100.0
Female (n=1,865)	0.8	[0.5, 1.4]	12.4	[10.5, 14.6]	12.3	[10.6, 14.1]	57.3	[54.5, 60.2]	13.5	[11.6, 15.6]	3.7	[2.6, 5.2]	100.0
Pearson: Uncorrected chi2(5) = Design-based F(4.82, 14868.15) =	15.9389 1.9018		Pr =	0.093									
Race/ethnicity													
White, non-Hispanic (n=2,056)	1.2	[0.7, 1.9]	12.6	[10.8, 14.6]	15.5	[13.6, 17.6]	53.9	[51.1, 56.7]	13.8	[11.9, 15.9]	3.0	[2.2, 4.1]	100.0
Black, non-Hispanic (n=634)	1.1	[0.6, 2.0]	11.5	[8.6, 15.4]	5.9	[4.1, 8.3]	58.0	[53.0, 62.9]	17.9	[14.0, 22.6]	5.6	[3.6, 8.7]	100.0
Hispanic (n=137)	2.0	[0.5, 6.9]	17.4	[11.6, 25.2]	13.2	[7.0, 23.4]	47.9	[37.9, 58.0]	12.5	[7.3, 20.6]	7.1	[2.9, 16.5]	100.0
Other, non-Hispanic (n=228)	0.3	[0.0, 2.3]	13.1	[8.7, 19.1]	9.8	[6.1, 15.3]	52.5	[44.3, 60.4]	16.7	[11.2, 24.3]	7.7	[3.7, 15.3]	100.0
Pearson: Uncorrected chi2(15) = Design-based F(13.76, 41871.61) =	80.9748 3.0637		Pr =	0.000									
FPL category													
0-35% (n=1,218)	1.1	[0.7, 1.9]	12.5	[10.2, 15.1]	10.9	[8.9, 13.2]	53.1	[49.5, 56.6]	17.4	[14.7, 20.5]	5.1	[3.7, 7.0]	100.0
36-99% (n=1,082)	1.4	[0.7, 2.8]	13.5	[11.3, 16.1]	12.7	[10.6, 15.2]	55.5	[51.9, 59.1]	12.4	[10.1, 15.1]	4.4	[2.8, 6.9]	100.0
100%+ (n=794)	0.7	[0.3, 1.7]	11.6	[9.3, 14.4]	16.3	[13.3, 19.7]	57.2	[53.1, 61.2]	12.1	[9.7, 14.9]	2.2	[1.4, 3.5]	100.0
Pearson: Uncorrected chi2(10) = Design-based F(9.26, 28536.21) =	37.2359 2.7483		Pr =	0.003									
Region													
UP/NW/NE (n=574)	1.0	[0.2, 4.2]	13.5	[10.6, 17.0]	13.5	[10.7, 16.8]	55.8	[51.2, 60.3]	12.4	[9.7, 15.7]	3.9	[2.5, 5.9]	100.0
W/E Central/E (n=979)	1.3	[0.7, 2.4]	11.6	[9.4, 14.2]	15.4	[13.0, 18.2]	56.9	[53.3, 60.4]	11.7	[9.6, 14.1]	3.1	[2.1, 4.6]	100.0
S Central/SW/SE (n=631)	1.1	[0.5, 2.3]	12.6	[9.9, 16.0]	12.8	[10.1, 16.2]	54.6	[50.0, 59.1]	15.6	[12.5, 19.3]	3.2	[2.1, 4.9]	100.0
Detroit Metro (n=910)	1.0	[0.5, 1.9]	13.1	[10.5, 16.2]	10.0	[7.9, 12.7]	52.7	[48.5, 56.8]	17.5	[14.3, 21.2]	5.7	[3.9, 8.3]	100.0
Pearson: Uncorrected chi2(15) = Design-based F(13.16, 40558.68) =	41.4029 2.2164		Pr =	0.007									
Chronic condition (2016/2017 survey or DW)													
Yes (n=2,467)	0.9	[0.6, 1.5]	12.9	[11.2, 14.8]	12.0	[10.5, 13.7]	54.9	[52.3, 57.4]	14.7	[12.9, 16.8]	4.5	[3.5, 5.9]	100.0
No (n=627)	1.7	[1.0, 3.2]	11.5	[8.9, 14.8]	13.9	[11.0, 17.2]	53.6	[48.6, 58.4]	15.7	[12.0, 20.2]	3.6	[2.1, 6.0]	100.0
Pearson: Uncorrected chi2(5) = Design-based F(4.79, 14765.84) =	7.0975 0.8368		Pr =	0.519									
Total (n=3,094)	1.1	[0.8, 1.6]	12.6	[11.1, 14.2]	12.5	[11.1, 14.0]	54.6	[52.3, 56.8]	15.0	[13.3, 16.8]	4.3	[3.4, 5.5]	100.0

Note: Total count is less than universe count due to item non-response.

2.27 Q: Many people are treated poorly when they are applying for Medicaid.

Follow-up group(s): No longer enrolled

Universe: All respondents

	Strongly agree		Agree		People are treated poorly when applying for Medicaid				Strongly disagree		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Neutral	Disagree	Disagree	Disagree	Row%	95%CI	Row%	95%CI	
Follow-up group													
No longer enrolled (n=708)	7.5	[5.6, 10.2]	33.1	[28.8, 37.8]	15.6	[12.6, 19.2]	33.4	[29.2, 37.9]	6.3	[4.3, 9.1]	4.0	[2.7, 6.0]	100.0
Pearson: Uncorrected chi2(0) =	.		.										
Design-based F(., .) =	.	Pr =	.										
Age													
19-34 (n=245)	9.0	[5.6, 14.3]	27.7	[20.8, 35.9]	17.9	[13.0, 24.1]	35.1	[27.9, 43.0]	8.4	[4.7, 14.5]	1.9	[0.8, 4.4]	100.0
35-50 (n=208)	6.9	[4.0, 11.6]	40.6	[32.9, 48.7]	12.5	[7.7, 19.7]	30.3	[23.9, 37.6]	3.5	[1.6, 7.2]	6.3	[3.1, 12.3]	100.0
51-64 (n=255)	6.0	[3.6, 9.9]	33.2	[26.3, 41.0]	15.5	[11.0, 21.4]	34.4	[27.4, 42.1]	6.1	[3.3, 11.1]	4.8	[2.8, 8.0]	100.0
Pearson: Uncorrected chi2(10) =	22.6074												
Design-based F(9.50, 6610.52) =	1.6634	Pr =	0.087										
Gender													
Male (n=297)	7.3	[4.7, 11.1]	34.4	[27.6, 41.9]	15.2	[10.9, 20.7]	31.8	[25.5, 38.9]	7.0	[4.0, 11.9]	4.3	[2.3, 7.8]	100.0
Female (n=411)	7.8	[5.1, 11.8]	31.9	[26.8, 37.4]	16.0	[12.1, 20.9]	35.0	[29.8, 40.7]	5.6	[3.3, 9.3]	3.7	[2.2, 6.3]	100.0
Pearson: Uncorrected chi2(5) =	1.7433												
Design-based F(4.93, 3434.58) =	0.2320	Pr =	0.947										
Race/ethnicity													
White, non-Hispanic (n=455)	8.2	[5.7, 11.4]	32.0	[26.5, 38.0]	16.9	[13.1, 21.6]	31.6	[26.6, 37.0]	6.3	[3.9, 10.1]	5.1	[3.2, 8.0]	100.0
Black, non-Hispanic (n=155)	5.3	[2.7, 10.2]	35.8	[27.0, 45.6]	12.2	[7.4, 19.5]	37.7	[28.6, 47.8]	6.1	[2.6, 13.5]	2.9	[1.0, 8.4]	100.0
Hispanic (n=37)	12.1	[2.5, 42.8]	28.6	[15.4, 46.8]	9.6	[3.2, 25.3]	37.6	[21.7, 56.8]	8.9	[2.1, 31.0]	3.2	[1.0, 9.9]	100.0
Other, non-Hispanic (n=52)	8.7	[3.0, 22.5]	36.8	[22.8, 53.3]	21.9	[10.5, 40.1]	27.5	[15.8, 43.4]	3.9	[0.9, 16.3]	1.2	[0.3, 4.8]	100.0
Pearson: Uncorrected chi2(15) =	13.9484												
Design-based F(12.98, 8919.91) =	0.6189	Pr =	0.840										
FPL category													
0-35% (n=217)	6.0	[3.2, 11.0]	37.4	[29.5, 46.1]	14.0	[9.0, 21.3]	29.6	[22.6, 37.7]	9.9	[5.9, 16.3]	3.0	[1.3, 6.7]	100.0
36-99% (n=259)	8.4	[5.3, 13.1]	29.6	[23.6, 36.5]	16.8	[12.4, 22.2]	36.2	[29.6, 43.3]	4.7	[2.4, 8.9]	4.3	[2.1, 8.7]	100.0
100%+ (n=232)	8.8	[5.4, 14.1]	30.8	[23.9, 38.7]	16.6	[11.9, 22.6]	36.0	[28.9, 43.8]	2.6	[1.1, 6.0]	5.2	[2.8, 9.3]	100.0
Pearson: Uncorrected chi2(10) =	19.7012												
Design-based F(9.56, 6651.37) =	1.4268	Pr =	0.165										
Region													
UP/NW/NE (n=124)	3.1	[1.1, 8.3]	21.6	[14.8, 30.4]	21.6	[14.6, 30.7]	36.9	[27.8, 46.9]	7.8	[3.5, 16.3]	9.1	[4.9, 16.1]	100.0
W/E Central/E (n=202)	5.6	[2.9, 10.4]	29.5	[22.6, 37.5]	15.5	[10.7, 22.0]	38.8	[31.4, 46.9]	3.5	[1.8, 6.9]	7.0	[3.7, 12.7]	100.0
S Central/SW/SE (n=169)	12.0	[7.7, 18.3]	30.4	[21.9, 40.5]	18.2	[12.0, 26.5]	30.5	[22.8, 39.4]	6.3	[3.1, 12.4]	2.6	[1.0, 6.5]	100.0
Detroit Metro (n=213)	7.4	[4.2, 12.7]	40.0	[32.1, 48.5]	12.8	[8.1, 19.5]	30.4	[23.2, 38.7]	7.9	[4.1, 14.6]	1.5	[0.4, 5.4]	100.0
Pearson: Uncorrected chi2(15) =	38.9119												
Design-based F(13.26, 9229.23) =	2.0801	Pr =	0.012										
Chronic condition (2016/2017 survey or DW)													
Yes (n=538)	6.9	[4.8, 9.7]	34.3	[29.4, 39.5]	13.5	[10.5, 17.1]	34.8	[30.0, 40.1]	6.7	[4.4, 10.1]	3.8	[2.4, 6.2]	100.0
No (n=170)	9.2	[5.1, 16.1]	30.2	[21.6, 40.6]	21.0	[14.2, 29.9]	29.9	[22.3, 38.7]	5.3	[2.2, 12.3]	4.4	[2.0, 9.5]	100.0
Pearson: Uncorrected chi2(5) =	8.6170												
Design-based F(4.87, 3391.54) =	0.9971	Pr =	0.417										
Total (n=708)	7.5	[5.6, 10.2]	33.1	[28.8, 37.8]	15.6	[12.6, 19.2]	33.4	[29.2, 37.9]	6.3	[4.3, 9.1]	4.0	[2.7, 6.0]	100.0

Note: Total count is less than universe count due to item non-response.

- 3 Aim 3: To understand financial and non-financial barriers and facilitators to care and how those change over time of enrollment and disenrollment.**

3.1 Q: In the last 12 months, was there any time when you didn't get the health care you needed?

Follow-up group(s): Still enrolled

Universe: All respondents

	Forgone health care in last 12 months						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,387)	7.8	[6.5, 9.2]	92.1	[90.6, 93.4]	0.1	[0.0, 0.4]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=663)	6.7	[4.7, 9.5]	93.2	[90.4, 95.2]	0.1	[0.0, 0.6]	100.0
35-50 (n=760)	8.2	[6.1, 10.9]	91.8	[89.1, 93.8]	0.0	[0.0, 0.3]	100.0
51-64 (n=964)	8.6	[6.6, 11.0]	91.1	[88.6, 93.1]	0.3	[0.1, 1.3]	100.0
Pearson: Uncorrected chi2(4) =	4.0482						
Design-based F(3.31, 7852.03) =	0.9018	Pr =	0.447				
Gender							
Male (n=933)	7.7	[5.9, 10.0]	92.1	[89.8, 94.0]	0.1	[0.0, 0.9]	100.0
Female (n=1,454)	7.8	[6.2, 9.8]	92.1	[90.1, 93.7]	0.1	[0.0, 0.4]	100.0
Pearson: Uncorrected chi2(2) =	0.0075						
Design-based F(1.91, 4545.25) =	0.0028	Pr =	0.996				
Race/ethnicity							
White, non-Hispanic (n=1,603)	7.9	[6.4, 9.8]	91.9	[90.1, 93.5]	0.1	[0.0, 0.6]	100.0
Black, non-Hispanic (n=478)	7.4	[5.0, 11.0]	92.5	[88.9, 95.0]	0.1	[0.0, 0.7]	100.0
Hispanic (n=100)	6.0	[2.5, 14.1]	93.6	[85.7, 97.3]	0.4	[0.1, 2.6]	100.0
Other, non-Hispanic (n=176)	8.1	[4.7, 13.7]	91.9	[86.3, 95.3]	0.0		100.0
Pearson: Uncorrected chi2(6) =	1.4664						
Design-based F(5.01, 11753.32) =	0.2116	Pr =	0.958				
FPL category							
0-35% (n=1,001)	9.3	[7.4, 11.7]	90.6	[88.2, 92.5]	0.1	[0.0, 0.7]	100.0
36-99% (n=823)	5.0	[3.6, 6.9]	95.0	[93.1, 96.4]	0.0		100.0
100%+ (n=563)	7.0	[4.7, 10.2]	92.6	[89.4, 94.9]	0.4	[0.1, 1.3]	100.0
Pearson: Uncorrected chi2(4) =	15.0294						
Design-based F(3.69, 8752.25) =	3.4049	Pr =	0.011				
Region							
UP/NW/NE (n=450)	9.4	[6.6, 13.1]	90.6	[86.9, 93.4]	0.0		100.0
W/E Central/E (n=777)	7.3	[5.3, 9.9]	92.4	[89.8, 94.4]	0.3	[0.1, 1.3]	100.0
S Central/SW/SE (n=463)	10.0	[7.3, 13.6]	90.0	[86.4, 92.7]	0.0		100.0
Detroit Metro (n=697)	6.9	[4.9, 9.5]	93.0	[90.4, 95.0]	0.1	[0.0, 0.4]	100.0
Pearson: Uncorrected chi2(6) =	7.4515						
Design-based F(4.57, 10861.76) =	1.3061	Pr =	0.261				
Chronic condition (2016/2017 survey or DW)							
Yes (n=1,931)	9.1	[7.6, 10.9]	90.7	[88.9, 92.2]	0.2	[0.1, 0.5]	100.0
No (n=456)	2.8	[1.6, 4.8]	97.2	[95.2, 98.4]	0.0		100.0
Pearson: Uncorrected chi2(2) =	24.0505						
Design-based F(1.97, 4667.64) =	10.8654	Pr =	0.000				
Total (n=2,387)	7.8	[6.5, 9.2]	92.1	[90.6, 93.4]	0.1	[0.0, 0.4]	100.0

Note: Total count is less than universe count due to item non-response.

3.1.1 Q: What type of care?

Follow-up group(s): Still enrolled

Universe: Respondents who did not receive health care they needed in the last 12 months (n = 184)

Type of foregone care	Weighted Proportion	95%CI
Primary care (n=74)	43.2	[34.6, 52.2]
Specialty care (n=54)	28.3	[20.7, 37.2]
Prescription medication (n=34)	20.5	[14.1, 28.8]
Mental health care (n=13)	9.2	[4.8, 17.0]
Lab/imaging test (n=8)	4.3	[2.0, 8.8]
Support services (n=6)	3.2	[1.3, 8.1]
Surgery or procedure (n=7)	2.3	[1.0, 5.0]
Other (n=5)	2.2	[0.9, 5.3]
Don't know (n=1)	0.3	[0.0, 1.8]

Note: Respondents were able to provide multiple responses

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

Follow-up group(s): Still enrolled

Universe: Respondents who did not receive health care they needed in the last 12 months (n = 184)

	Reasons for forgone health care in last 12 months					
	Other		Difficulty getting appointment		Needed a service that wasn't covered	
	Percent	95%CI	Percent	95%CI	Percent	95%CI
Any missed care (n=184)	36.3	[28.0, 45.5]	25.7	[18.7, 34.2]	15.5	[10.2, 22.8]
Primary care (n=74)	38.6	[25.2, 53.9]	37.6	[25.6, 51.3]	2.6	[0.6, 10.4]
Specialty care (n=54)	29.1		16.8		13.8	
Prescription medications (n=34)	37.2		16.3		31.1	
Mental health care (n=13)	58.9		0.0		35.4	

Note: Respondents were able to provide multiple responses

	Reasons for forgone health care in last 12 months							
	Transportation/logistics		Difficulty/inability finding a provider		No insurance coverage		Cost	
	Percent	95%CI	Percent	95%CI	Percent	95%CI	Percent	95%CI
Any missed care (n=184)	10.1	[5.4, 18.0]	9.3	[5.4, 15.7]	3.5	[1.5, 8.2]	0.7	[0.2, 2.2]
Primary care (n=74)	11.6	[4.3, 27.4]	8.4	[3.3, 19.8]	2.6	[0.5, 13.0]	0.0	
Specialty care (n=54)	17.3		16.8		1.5		1.7	
Prescription medications (n=34)	3.7		6.1		7.7		1.1	
Mental health care (n=13)	2.8		7.4		14.3	0.0		

Note: Respondents were able to provide multiple responses

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

Follow-up group(s): Still enrolled

Universe: All respondents

	Forgone dental care in the last 12 months						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,386)	16.4	[14.7, 18.3]	83.3	[81.4, 85.1]	0.2	[0.1, 0.5]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=664)	17.0	[13.9, 20.7]	82.6	[78.9, 85.8]	0.3	[0.1, 1.0]	100.0
35-50 (n=758)	16.4	[13.5, 19.7]	83.4	[80.0, 86.2]	0.3	[0.1, 1.1]	100.0
51-64 (n=964)	15.8	[13.2, 18.8]	84.2	[81.2, 86.8]	0.0		100.0
Pearson: Uncorrected chi2(4) =	2.5582						
Design-based F(3.82, 9068.10) =	0.5138	Pr =	0.717				
Gender							
Male (n=932)	12.8	[10.5, 15.4]	87.0	[84.4, 89.3]	0.2	[0.0, 0.8]	100.0
Female (n=1,454)	19.6	[17.1, 22.3]	80.2	[77.4, 82.7]	0.2	[0.1, 0.7]	100.0
Pearson: Uncorrected chi2(2) =	19.9782						
Design-based F(1.94, 4595.32) =	7.8476	Pr =	0.000				
Race/ethnicity							
White, non-Hispanic (n=1,601)	17.4	[15.2, 19.9]	82.4	[79.9, 84.6]	0.2	[0.1, 0.6]	100.0
Black, non-Hispanic (n=479)	15.1	[11.8, 19.1]	84.6	[80.5, 87.9]	0.3	[0.1, 1.4]	100.0
Hispanic (n=100)	10.8	[5.8, 19.3]	89.2	[80.7, 94.2]	0.0		100.0
Other, non-Hispanic (n=176)	18.3	[12.5, 25.8]	81.7	[74.2, 87.5]	0.0		100.0
Pearson: Uncorrected chi2(6) =	5.9099						
Design-based F(5.74, 13462.39) =	0.7080	Pr =	0.637				
FPL category							
0-35% (n=999)	15.1	[12.6, 18.0]	84.6	[81.8, 87.1]	0.2	[0.1, 0.8]	100.0
36-99% (n=824)	17.4	[14.5, 20.6]	82.4	[79.1, 85.2]	0.3	[0.1, 1.2]	100.0
100%+ (n=563)	19.2	[15.8, 23.2]	80.8	[76.8, 84.2]	0.0		100.0
Pearson: Uncorrected chi2(4) =	5.5375						
Design-based F(3.87, 9181.39) =	1.2364	Pr =	0.293				
Region							
UP/NW/NE (n=450)	16.4	[12.5, 21.2]	83.3	[78.5, 87.2]	0.4	[0.0, 2.5]	100.0
W/E Central/E (n=776)	16.8	[13.8, 20.3]	83.2	[79.7, 86.2]	0.0		100.0
S Central/SW/SE (n=464)	19.5	[15.7, 23.9]	80.0	[75.5, 83.9]	0.5	[0.1, 2.1]	100.0
Detroit Metro (n=696)	15.0	[12.3, 18.3]	84.8	[81.5, 87.5]	0.2	[0.0, 0.8]	100.0
Pearson: Uncorrected chi2(6) =	7.9284						
Design-based F(5.62, 13337.71) =	1.1929	Pr =	0.308				
Chronic condition (2016/2017 survey or DW)							
Yes (n=1,929)	17.2	[15.2, 19.4]	82.6	[80.4, 84.6]	0.2	[0.1, 0.6]	100.0
No (n=457)	13.7	[10.4, 17.9]	86.1	[82.0, 89.5]	0.1	[0.0, 1.0]	100.0
Pearson: Uncorrected chi2(2) =	3.6988						
Design-based F(1.82, 4323.93) =	1.5546	Pr =	0.213				
Total (n=2,386)	16.4	[14.7, 18.3]	83.3	[81.4, 85.1]	0.2	[0.1, 0.5]	100.0

Note: Total count is less than universe count due to item non-response.

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

Follow-up group(s): Still enrolled

Universe: Respondents who did not receive dental care they needed in the last 12 months (n = 399)

Reasons for forgone dental care	Weighted Proportion	95%CI
Needed a service that wasn't covered (n=108)	30.7	[25.2, 36.8]
Difficulty/inability finding a provider (n=93)	21.5	[17.2, 26.4]
Other (n=64)	16.8	[12.8, 21.7]
Cost (n=50)	13.1	[9.5, 17.9]
Difficulty getting appointment (n=34)	7.4	[5.2, 10.5]
Afraid of going to the dentist/dislike dentists (n=28)	7.4	[4.5, 11.9]
Transportation/logistics (n=36)	7.0	[4.9, 9.8]
No insurance coverage (n=27)	6.6	[4.3, 10.0]
Didn't realize HMP covered dental (n=10)	2.3	[1.2, 4.6]
Don't know (n=3)	0.4	[0.1, 1.4]

Note: Respondents were able to provide multiple responses

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

Follow-up group(s): Still enrolled

Universe: All respondents

	Less than \$50		\$51-100		\$101-500		Out-of-pocket costs in last 12 months				\$3,001-5,000		More than \$5,000		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		
Follow-up group																		
Still enrolled (n=2,380)	65.7	[63.3, 68.1]	10.9	[9.5, 12.6]	16.6	[14.7, 18.6]	4.9	[3.9, 6.1]	0.4	[0.1, 1.2]	0.3	[0.1, 0.9]	0.4	[0.2, 1.0]	0.8	[0.5, 1.4]		100.0
Pearson: Uncorrected chi2(0) =	.																	
Design-based F(., .) =	.		Pr =	.														
Age																		
19-34 (n=662)	66.2	[61.4, 70.6]	11.6	[8.9, 14.9]	15.0	[11.6, 19.2]	5.2	[3.7, 7.3]	0.2	[0.0, 0.8]	0.5	[0.1, 2.6]	0.1	[0.0, 0.4]	1.3	[0.6, 2.8]		100.0
35-50 (n=759)	65.0	[60.6, 69.1]	11.3	[8.8, 14.3]	16.0	[13.1, 19.5]	4.8	[3.1, 7.3]	0.8	[0.2, 3.4]	0.2	[0.1, 0.7]	1.0	[0.3, 2.7]	0.9	[0.4, 2.0]		100.0
51-64 (n=959)	66.0	[62.6, 69.3]	9.7	[7.8, 11.8]	19.1	[16.5, 22.0]	4.6	[3.3, 6.4]	0.2	[0.1, 0.6]	0.1	[0.0, 0.5]	0.1	[0.0, 0.6]	0.2	[0.0, 0.6]		100.0
Pearson: Uncorrected chi2(14) =	31.2292																	
Design-based F(11.73, 27787.45) =	1.8602		Pr =	0.035														
Gender																		
Male (n=931)	68.1	[64.2, 71.7]	11.3	[9.0, 14.0]	13.6	[11.1, 16.6]	5.1	[3.6, 7.3]	0.2	[0.1, 0.7]	0.4	[0.1, 2.0]	0.5	[0.2, 1.7]	0.8	[0.4, 1.7]		100.0
Female (n=1,449)	63.7	[60.5, 66.8]	10.6	[8.9, 12.7]	19.1	[16.5, 21.9]	4.7	[3.6, 6.1]	0.6	[0.2, 2.2]	0.2	[0.1, 0.5]	0.3	[0.1, 1.2]	0.8	[0.4, 1.8]		100.0
Pearson: Uncorrected chi2(7) =	16.3451																	
Design-based F(6.87, 16271.27) =	1.4489		Pr =	0.182														
Race/ethnicity																		
White, non-Hispanic (n=1,598)	59.8	[56.7, 62.8]	12.2	[10.4, 14.4]	20.3	[17.8, 23.0]	6.4	[5.0, 8.2]	0.1	[0.0, 0.4]	0.2	[0.1, 0.4]	0.3	[0.1, 1.1]	0.6	[0.3, 1.3]		100.0
Black, non-Hispanic (n=478)	80.1	[75.2, 84.3]	9.1	[6.3, 13.0]	8.5	[5.6, 12.6]	1.7	[0.9, 3.0]	0.2	[0.1, 0.9]	0.0		0.0		0.4	[0.1, 1.8]		100.0
Hispanic (n=100)	66.7	[54.6, 77.0]	9.1	[4.8, 16.7]	12.9	[7.5, 21.1]	2.6	[0.8, 8.1]	4.3	[0.6, 24.6]	0.0		1.7	[0.2, 11.2]	2.6	[0.5, 12.5]		100.0
Other, non-Hispanic (n=175)	61.1	[51.7, 69.7]	9.5	[5.5, 15.8]	18.2	[11.9, 26.8]	5.7	[2.8, 11.0]	0.8	[0.2, 3.4]	2.2	[0.4, 10.1]	1.3	[0.2, 8.6]	1.4	[0.4, 4.8]		100.0
Pearson: Uncorrected chi2(21) =	185.2278																	
Design-based F(18.02, 42143.39) =	5.3648		Pr =	0.000														
FPL category																		
0-35% (n=996)	76.4	[72.7, 79.8]	7.4	[5.5, 9.9]	11.6	[9.1, 14.6]	3.4	[2.2, 5.3]	0.4	[0.1, 2.3]	0.0		0.2	[0.0, 0.9]	0.6	[0.2, 1.5]		100.0
36-99% (n=822)	56.7	[52.6, 60.8]	15.8	[13.2, 18.9]	19.3	[16.0, 23.0]	4.8	[3.4, 6.7]	0.5	[0.2, 1.4]	1.0	[0.3, 3.2]	1.0	[0.3, 3.3]	0.8	[0.4, 2.0]		100.0
100%+ (n=562)	45.5	[40.7, 50.4]	14.8	[11.7, 18.5]	28.1	[24.2, 32.4]	9.6	[7.2, 12.7]	0.1	[0.0, 1.0]	0.2	[0.0, 1.3]	0.1	[0.0, 0.8]	1.5	[0.6, 3.9]		100.0
Pearson: Uncorrected chi2(14) =	202.2087																	
Design-based F(12.07, 28581.63) =	10.1917		Pr =	0.000														
Region																		
UP/NW/NE (n=447)	56.7	[51.5, 61.8]	13.6	[10.4, 17.8]	22.2	[18.2, 26.8]	4.7	[2.9, 7.7]	0.2	[0.1, 0.9]	0.5	[0.1, 1.5]	0.6	[0.2, 1.9]	1.4	[0.4, 5.0]		100.0
W/E Central/E (n=775)	65.3	[61.5, 68.9]	12.5	[10.3, 15.1]	17.5	[14.5, 20.8]	3.6	[2.5, 5.2]	0.1	[0.0, 0.5]	0.0		0.0		1.1	[0.4, 2.6]		100.0
S Central/SW/SE (n=462)	63.4	[58.5, 68.1]	11.4	[8.6, 14.9]	16.4	[13.1, 20.4]	6.5	[4.2, 10.1]	0.8	[0.3, 2.3]	0.4	[0.1, 1.5]	0.6	[0.1, 3.0]	0.4	[0.1, 1.3]		100.0
Detroit Metro (n=696)	68.8	[64.3, 72.9]	9.1	[6.7, 12.3]	14.8	[11.7, 18.6]	5.2	[3.6, 7.4]	0.5	[0.1, 3.0]	0.4	[0.1, 2.1]	0.5	[0.1, 2.0]	0.6	[0.2, 1.8]		100.0
Pearson: Uncorrected chi2(21) =	36.0227																	
Design-based F(15.47, 36625.95) =	1.3368		Pr =	0.167														
Chronic condition (2016/2017 survey or DW)																		
Yes (n=1,923)	67.2	[64.5, 69.8]	10.4	[8.9, 12.2]	16.1	[14.2, 18.3]	4.8	[3.8, 6.2]	0.4	[0.1, 1.5]	0.1	[0.0, 0.2]	0.5	[0.2, 1.3]	0.4	[0.2, 0.9]		100.0
No (n=457)	60.3	[54.5, 65.8]	12.8	[9.4, 17.0]	18.2	[13.8, 23.5]	5.1	[3.2, 8.0]	0.4	[0.1, 1.5]	1.0	[0.2, 4.0]	0.0		2.3	[1.1, 4.7]		100.0
Pearson: Uncorrected chi2(7) =	37.9860																	
Design-based F(6.70, 15859.76) =	3.4294		Pr =	0.001														
Total (n=2,380)	65.7	[63.3, 68.1]	10.9	[9.5, 12.6]	16.6	[14.7, 18.6]	4.9	[3.9, 6.1]	0.4	[0.1, 1.2]	0.3	[0.1, 0.9]	0.4	[0.2, 1.0]	0.8	[0.5, 1.4]		100.0

Note: Total count is less than universe count due to item non-response.

3.4 Q: Since your Healthy Michigan Plan insurance ended, have you had to change any of your providers?

Follow-up group(s): No longer enrolled

Universe: All respondents

	Changed providers since HMP coverage ended						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
No longer enrolled (n=708)	15.5	[12.6, 19.0]	83.1	[79.5, 86.2]	1.4	[0.6, 3.2]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=244)	15.5	[11.0, 21.3]	82.4	[76.2, 87.3]	2.1	[0.6, 6.5]	100.0
35-50 (n=209)	15.9	[10.8, 22.6]	83.2	[76.4, 88.3]	1.0	[0.2, 3.9]	100.0
51-64 (n=255)	15.1	[10.2, 21.8]	84.0	[77.3, 89.0]	0.9	[0.3, 2.5]	100.0
Pearson: Uncorrected chi2(4) =	1.5898						
Design-based F(3.72, 2588.08) =	0.3205	Pr =	0.851				
Gender							
Male (n=297)	12.6	[8.8, 17.9]	85.6	[80.1, 89.7]	1.8	[0.6, 4.8]	100.0
Female (n=411)	18.4	[14.3, 23.3]	80.6	[75.5, 84.8]	1.0	[0.3, 3.9]	100.0
Pearson: Uncorrected chi2(2) =	4.9624						
Design-based F(1.99, 1386.19) =	1.5390	Pr =	0.215				
Race/ethnicity							
White, non-Hispanic (n=455)	16.2	[12.6, 20.6]	82.1	[77.5, 85.9]	1.7	[0.6, 4.4]	100.0
Black, non-Hispanic (n=154)	14.2	[8.7, 22.3]	85.8	[77.7, 91.3]	0.0		100.0
Hispanic (n=38)	17.2	[5.4, 42.8]	76.0	[52.1, 90.2]	6.8	[1.3, 28.6]	100.0
Other, non-Hispanic (n=52)	11.1	[4.9, 23.1]	88.1	[76.1, 94.5]	0.9	[0.1, 6.0]	100.0
Pearson: Uncorrected chi2(6) =	12.6527						
Design-based F(5.28, 3628.54) =	1.3874	Pr =	0.223				
FPL category							
0-35% (n=217)	12.8	[8.3, 19.2]	85.8	[79.2, 90.6]	1.4	[0.3, 5.7]	100.0
36-99% (n=259)	19.9	[14.8, 26.4]	78.8	[72.2, 84.1]	1.3	[0.4, 4.2]	100.0
100%+ (n=232)	14.2	[9.9, 19.9]	84.1	[78.0, 88.8]	1.7	[0.4, 6.7]	100.0
Pearson: Uncorrected chi2(4) =	5.4171						
Design-based F(3.82, 2658.32) =	0.8980	Pr =	0.461				
Region							
UP/NW/NE (n=124)	9.5	[5.0, 17.5]	90.1	[82.1, 94.7]	0.4	[0.1, 2.9]	100.0
W/E Central/E (n=203)	16.1	[11.1, 22.9]	83.2	[76.4, 88.3]	0.7	[0.2, 2.8]	100.0
S Central/SW/SE (n=169)	17.2	[12.0, 24.0]	81.5	[74.3, 87.0]	1.3	[0.2, 8.9]	100.0
Detroit Metro (n=212)	15.4	[10.4, 22.3]	82.3	[75.2, 87.7]	2.2	[0.8, 6.3]	100.0
Pearson: Uncorrected chi2(6) =	4.8583						
Design-based F(4.75, 3304.90) =	0.7075	Pr =	0.610				
Chronic condition (2016/2017 survey or DW)							
Yes (n=538)	14.7	[11.5, 18.7]	83.6	[79.4, 87.1]	1.6	[0.6, 4.1]	100.0
No (n=170)	17.4	[11.6, 25.3]	81.7	[73.8, 87.6]	0.9	[0.2, 3.9]	100.0
Pearson: Uncorrected chi2(2) =	1.3113						
Design-based F(1.96, 1362.68) =	0.4749	Pr =	0.618				
Total (n=708)	15.5	[12.6, 19.0]	83.1	[79.5, 86.2]	1.4	[0.6, 3.2]	100.0

Note: Total count is less than universe count due to item non-response.

3.4.1 Q: Which providers did you have to change?

Follow-up group(s): No longer enrolled

Universe: Respondents who had to change providers since HMP coverage ended (n = 109)

Which providers did you have to change?	Weighted Proportion	95%CI
Primary care provider (n=76)	69.6	[57.8, 79.3]
Dentist (n=31)	28.1	[19.2, 39.1]
Specialist (n=23)	21.7	[13.7, 32.8]
Other (n=10)	11.2	[5.0, 23.2]
Mental health provider (n=9)	7.5	[3.5, 15.2]
Don't know (n=1)	1.1	[0.2, 7.9]

Note: Respondents were able to provide multiple responses

3.5 Q: Since your Healthy Michigan Plan insurance ended, was there any time when you didn't get the health care you needed?

Follow-up group(s): No longer enrolled

Universe: All respondents

	Forgone health care since HMP coverage ended						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
No longer enrolled (n=708)	17.1	[13.7, 21.2]	82.3	[78.2, 85.7]	0.6	[0.1, 2.5]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=244)	18.1	[12.2, 26.0]	81.0	[73.0, 87.0]	0.9	[0.1, 6.3]	100.0
35-50 (n=209)	18.0	[12.8, 24.8]	82.0	[75.2, 87.2]	0.0		100.0
51-64 (n=255)	14.6	[9.9, 20.9]	84.6	[78.2, 89.4]	0.8	[0.1, 5.3]	100.0
Pearson: Uncorrected chi2(4) =	3.1001						
Design-based F(3.65, 2542.85) =	0.4162	Pr =	0.780				
Gender							
Male (n=297)	15.7	[10.9, 21.9]	83.6	[77.2, 88.4]	0.8	[0.1, 5.4]	100.0
Female (n=411)	18.6	[14.0, 24.2]	81.0	[75.3, 85.6]	0.4	[0.1, 2.9]	100.0
Pearson: Uncorrected chi2(2) =	1.4256						
Design-based F(2.00, 1390.85) =	0.3783	Pr =	0.685				
Race/ethnicity							
White, non-Hispanic (n=455)	21.9	[17.0, 27.7]	77.1	[71.3, 82.1]	1.0	[0.2, 4.3]	100.0
Black, non-Hispanic (n=154)	8.7	[4.8, 15.4]	91.3	[84.6, 95.2]	0.0		100.0
Hispanic (n=38)	17.3	[5.6, 42.6]	82.7	[57.4, 94.4]	0.0		100.0
Other, non-Hispanic (n=52)	11.5	[5.3, 23.1]	88.5	[76.9, 94.7]	0.0		100.0
Pearson: Uncorrected chi2(6) =	20.6198						
Design-based F(5.53, 3797.52) =	1.9662	Pr =	0.073				
FPL category							
0-35% (n=217)	17.7	[11.7, 25.8]	80.9	[72.7, 87.1]	1.5	[0.3, 6.1]	100.0
36-99% (n=259)	13.0	[8.8, 18.8]	87.0	[81.2, 91.2]	0.0		100.0
100%+ (n=232)	21.4	[15.5, 28.7]	78.6	[71.3, 84.5]	0.0		100.0
Pearson: Uncorrected chi2(4) =	11.4393						
Design-based F(3.14, 2183.34) =	1.9271	Pr =	0.120				
Region							
UP/NW/NE (n=124)	12.5	[7.4, 20.3]	87.5	[79.7, 92.6]	0.0		100.0
W/E Central/E (n=203)	14.4	[9.6, 21.1]	85.6	[78.9, 90.4]	0.0		100.0
S Central/SW/SE (n=169)	17.5	[11.8, 25.2]	81.5	[73.7, 87.4]	0.9	[0.1, 6.2]	100.0
Detroit Metro (n=212)	20.0	[13.5, 28.4]	79.0	[70.5, 85.6]	1.0	[0.1, 6.8]	100.0
Pearson: Uncorrected chi2(6) =	6.4597						
Design-based F(4.42, 3077.17) =	0.7669	Pr =	0.559				
Chronic condition (2016/2017 survey or DW)							
Yes (n=538)	16.5	[13.0, 20.7]	82.6	[78.3, 86.3]	0.8	[0.2, 3.5]	100.0
No (n=170)	18.7	[11.4, 29.1]	81.3	[70.9, 88.6]	0.0		100.0
Pearson: Uncorrected chi2(2) =	2.1054						
Design-based F(2.00, 1391.74) =	0.4633	Pr =	0.629				
Total (n=708)	17.1	[13.7, 21.2]	82.3	[78.2, 85.7]	0.6	[0.1, 2.5]	100.0

Note: Total count is less than universe count due to item non-response.

3.5.1 Q: What type of health care was it?

Follow-up group(s): No longer enrolled

Universe: Respondents who did not receive health care they needed since HMP coverage ended (n = 111)

Type of foregone health care	Weighted Proportion	95%CI
Primary care (n=49)	46.2	[34.2, 58.7]
Prescription medication (n=20)	25.0	[15.5, 37.7]
Specialty care (n=25)	16.2	[10.3, 24.7]
Lab/imaging test (n=7)	10.8	[4.0, 25.8]
Mental health care (n=10)	6.9	[3.2, 14.2]
Surgery or procedure (n=5)	4.1	[1.5, 10.2]
Other (n=4)	4.1	[1.2, 13.4]
Support services (n=4)	2.3	[0.8, 6.4]
Don't know (n=1)	1.0	[0.1, 7.0]

Note: Respondents were able to provide multiple responses

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

Follow-up group(s): No longer enrolled

Universe: Respondents who did not receive health care they needed since HMP coverage ended (n = 111)

	Reasons for forgone health care since HMP coverage ended							
	No insurance coverage		Cost		Difficulty/inability finding a provider		Needed a service that wasn't covered	
	Percent	95%CI	Percent	95%CI	Percent	95%CI	Percent	95%CI
Any missed care (n=111)	45.5	[33.6, 57.9]	36.0	[24.9, 49.0]	15.2	[9.0, 24.7]	11.5	[5.7, 21.8]
Primary care (n=49)	65.5		41.1		2.5		1.1	
Prescription medications (n=20)	31.4		58.5		15.6		19.6	
Specialty care (n=25)	39.5		29.7		35.5		3.0	
Mental health care (n=10)	25.3		3.9		26.2		41.2	

Note: Respondents were able to provide multiple responses

	Reasons for forgone health care since HMP coverage ended					
	Other		Difficulty getting appointment		Transportation/logistics	
	Percent	95%CI	Percent	95%CI	Percent	95%CI
Any missed care (n=111)	8.3	[4.2, 15.7]	3.0	[1.1, 7.6]	2.5	[0.6, 10.1]
Primary care (n=49)	12.6		5.3		3.6	
Prescription medications (n=20)	6.4		0.0		0.0	
Specialty care (n=25)	3.9		3.4		1.2	
Mental health care (n=10)	3.5		0.0		10.2	

Note: Respondents were able to provide multiple responses

3.6 Q: Since your Healthy Michigan Plan insurance ended, was there any time when you didn't get the dental care you needed?

Follow-up group(s): No longer enrolled

Universe: All respondents

	Forgone dental care since HMP coverage ended						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
No longer enrolled (n=708)	23.3	[19.7, 27.3]	76.4	[72.4, 80.0]	0.3	[0.1, 1.1]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=244)	19.6	[14.4, 26.0]	80.4	[74.0, 85.6]	0.0		100.0
35-50 (n=209)	29.1	[22.2, 37.0]	70.4	[62.5, 77.3]	0.5	[0.1, 3.8]	100.0
51-64 (n=255)	22.6	[17.1, 29.3]	76.9	[70.2, 82.5]	0.5	[0.1, 2.1]	100.0
Pearson: Uncorrected chi2(4) =	8.1459						
Design-based F(3.59, 2501.73) =	1.8284	Pr =	0.128				
Gender							
Male (n=297)	18.9	[14.1, 24.7]	80.6	[74.7, 85.4]	0.5	[0.1, 2.1]	100.0
Female (n=411)	27.7	[22.8, 33.3]	72.2	[66.7, 77.1]	0.1	[0.0, 0.6]	100.0
Pearson: Uncorrected chi2(2) =	8.6588						
Design-based F(1.52, 1060.44) =	4.5005	Pr =	0.019				
Race/ethnicity							
White, non-Hispanic (n=455)	26.5	[21.9, 31.8]	73.0	[67.8, 77.7]	0.4	[0.1, 1.8]	100.0
Black, non-Hispanic (n=154)	20.0	[13.3, 29.0]	79.8	[70.8, 86.6]	0.2	[0.0, 1.2]	100.0
Hispanic (n=38)	13.0	[5.7, 26.9]	87.0	[73.1, 94.3]	0.0		100.0
Other, non-Hispanic (n=52)	20.6	[11.4, 34.3]	79.4	[65.7, 88.6]	0.0		100.0
Pearson: Uncorrected chi2(6) =	6.7896						
Design-based F(5.06, 3478.56) =	0.9983	Pr =	0.418				
FPL category							
0-35% (n=217)	20.3	[14.5, 27.6]	79.5	[72.2, 85.3]	0.2	[0.0, 1.5]	100.0
36-99% (n=259)	24.7	[19.2, 31.3]	75.1	[68.5, 80.7]	0.1	[0.0, 1.0]	100.0
100%+ (n=232)	26.1	[20.1, 33.2]	73.3	[66.1, 79.3]	0.6	[0.1, 4.3]	100.0
Pearson: Uncorrected chi2(4) =	3.5802						
Design-based F(3.30, 2298.62) =	0.8838	Pr =	0.457				
Region							
UP/NW/NE (n=124)	27.2	[19.3, 36.9]	71.8	[62.2, 79.8]	1.0	[0.1, 6.6]	100.0
W/E Central/E (n=203)	22.6	[16.7, 29.9]	77.4	[70.1, 83.3]	0.0		100.0
S Central/SW/SE (n=169)	22.3	[16.2, 29.8]	76.8	[69.2, 83.0]	0.9	[0.2, 4.4]	100.0
Detroit Metro (n=212)	23.5	[17.2, 31.1]	76.5	[68.9, 82.8]	0.0		100.0
Pearson: Uncorrected chi2(6) =	5.2222						
Design-based F(5.02, 3497.13) =	0.9289	Pr =	0.461				
Chronic condition (2016/2017 survey or DW)							
Yes (n=538)	25.1	[21.0, 29.7]	74.5	[69.9, 78.6]	0.4	[0.1, 1.5]	100.0
No (n=170)	18.7	[12.4, 27.2]	81.3	[72.8, 87.6]	0.0		100.0
Pearson: Uncorrected chi2(2) =	4.2551						
Design-based F(1.81, 1260.92) =	1.6170	Pr =	0.201				
Total (n=708)	23.3	[19.7, 27.3]	76.4	[72.4, 80.0]	0.3	[0.1, 1.1]	100.0

Note: Total count is less than universe count due to item non-response.

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

Follow-up group(s): No longer enrolled

Universe: Respondents who did not receive dental care they needed since HMP coverage ended (n = 179)

Reasons for forgone dental care	Weighted Proportion	95%CI
No insurance coverage (n=75)	46.1	[36.9, 55.5]
Cost (n=53)	23.8	[18.0, 30.9]
Difficulty/inability finding a provider (n=27)	16.4	[10.8, 24.0]
Needed a services that wasn't covered (n=27)	14.6	[9.1, 22.7]
Other (n=13)	5.5	[3.0, 9.7]
Difficulty getting appointment (n=5)	4.4	[1.6, 11.5]
Afraid of going to dentist/dislike dentist (n=1)	0.4	[0.1, 3.1]
Transportation/logistics (n=1)	0.3	[0.0, 1.8]

Note: Respondents were able to provide multiple responses

- 4 Aim 4: To describe HMP enrollees' health behaviors, how they change over time with enrollment and disenrollment in HMP, and barriers and facilitators to improvement in health behaviors.**

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

Follow-up group(s): Still enrolled

Universe: All respondents

	Every day		3-6 days		Exercise frequency in last 7 days				Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	1-2 days		0 days		Row%	95%CI	
Follow-up group											
Still enrolled (n=2,388)	28.4	[26.2, 30.8]	34.3	[31.9, 36.9]	19.4	[17.3, 21.7]	17.8	[16.0, 19.7]	0.0	[0.0, 0.2]	100.0
Pearson: Uncorrected chi2(0) =
Design-based F(., .) =	.	Pr =
Age											
19-34 (n=664)	20.9	[17.5, 24.8]	42.4	[37.6, 47.2]	20.8	[17.1, 25.2]	15.9	[12.8, 19.5]	0.0		100.0
35-50 (n=760)	27.9	[23.8, 32.3]	30.6	[26.7, 34.9]	22.8	[19.0, 27.0]	18.7	[15.7, 22.1]	0.1	[0.0, 0.5]	100.0
51-64 (n=964)	38.4	[34.7, 42.2]	28.8	[25.5, 32.4]	13.6	[11.0, 16.8]	19.1	[16.3, 22.1]	0.1	[0.0, 0.5]	100.0
Pearson: Uncorrected chi2(8) =	88.0212										
Design-based F(6.80, 16147.44) =	8.2699	Pr =	0.000								
Gender											
Male (n=933)	30.1	[26.5, 34.0]	33.8	[30.0, 37.8]	19.5	[16.4, 23.1]	16.6	[13.9, 19.7]	0.0		100.0
Female (n=1,455)	26.9	[24.2, 29.8]	34.8	[31.7, 38.1]	19.4	[16.6, 22.4]	18.8	[16.5, 21.3]	0.1	[0.0, 0.3]	100.0
Pearson: Uncorrected chi2(4) =	4.7567										
Design-based F(3.47, 8248.74) =	0.8413	Pr =	0.485								
Race/ethnicity											
White, non-Hispanic (n=1,603)	30.2	[27.5, 33.1]	33.8	[30.9, 36.9]	19.2	[16.5, 22.2]	16.7	[14.6, 19.0]	0.1	[0.0, 0.3]	100.0
Black, non-Hispanic (n=479)	22.1	[17.7, 27.1]	37.1	[31.8, 42.9]	21.6	[17.4, 26.5]	19.1	[15.3, 23.7]	0.0		100.0
Hispanic (n=100)	26.1	[17.5, 37.2]	39.1	[27.6, 51.9]	14.2	[8.2, 23.4]	20.6	[13.2, 30.6]	0.0		100.0
Other, non-Hispanic (n=176)	36.0	[27.1, 45.9]	25.8	[18.9, 34.1]	17.8	[12.1, 25.4]	20.4	[14.3, 28.3]	0.0		100.0
Pearson: Uncorrected chi2(12) =	28.6639										
Design-based F(11.02, 25858.84) =	1.4826	Pr =	0.130								
FPL category											
0-35% (n=1,001)	28.0	[24.6, 31.5]	31.4	[27.8, 35.2]	21.1	[17.8, 24.7]	19.6	[16.9, 22.6]	0.0	[0.0, 0.2]	100.0
36-99% (n=824)	28.9	[25.3, 32.7]	36.9	[32.8, 41.1]	17.5	[14.7, 20.7]	16.8	[14.1, 19.8]	0.0		100.0
100%+ (n=563)	29.2	[25.0, 33.7]	39.8	[35.2, 44.6]	17.3	[13.9, 21.2]	13.7	[10.8, 17.2]	0.1	[0.0, 0.9]	100.0
Pearson: Uncorrected chi2(8) =	20.4326										
Design-based F(6.99, 16597.05) =	2.3674	Pr =	0.021								
Region											
UP/NW/NE (n=450)	31.8	[27.2, 36.8]	36.4	[31.4, 41.6]	15.3	[11.9, 19.6]	16.5	[13.0, 20.6]	0.0		100.0
W/E Central/E (n=777)	28.3	[24.8, 32.0]	34.6	[30.7, 38.7]	17.4	[14.5, 20.7]	19.7	[16.7, 23.0]	0.1	[0.0, 0.5]	100.0
S Central/SW/SE (n=464)	33.7	[29.0, 38.8]	31.5	[26.9, 36.6]	15.7	[12.2, 20.1]	18.9	[15.2, 23.4]	0.1	[0.0, 0.8]	100.0
Detroit Metro (n=697)	25.7	[21.8, 30.0]	34.8	[30.5, 39.5]	23.1	[19.2, 27.5]	16.3	[13.4, 19.7]	0.0		100.0
Pearson: Uncorrected chi2(12) =	26.8850										
Design-based F(9.38, 22284.52) =	2.1764	Pr =	0.019								
Chronic condition (2016/2017 survey or DW)											
Yes (n=1,931)	29.3	[26.8, 32.0]	31.9	[29.2, 34.7]	19.9	[17.5, 22.6]	18.8	[16.8, 21.0]	0.1	[0.0, 0.2]	100.0
No (n=457)	25.1	[20.7, 30.1]	43.1	[37.5, 48.9]	17.6	[13.5, 22.5]	14.2	[10.8, 18.5]	0.0		100.0
Pearson: Uncorrected chi2(4) =	23.6662										
Design-based F(3.49, 8298.20) =	4.2179	Pr =	0.003								
Total (n=2,388)	28.4	[26.2, 30.8]	34.3	[31.9, 36.9]	19.4	[17.3, 21.7]	17.8	[16.0, 19.7]	0.0	[0.0, 0.2]	100.0

4.2 Q: In the last 7 days, how many days did you drink soda or pop that contains sugar, sweetened fruit drinks, sports drinks, or energy drinks?

Follow-up group(s): Still enrolled

Universe: All respondents

	Every day		3-6 days		Sugary drink consumption in last 7 days				Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	1-2 days Row%	95%CI	0 days Row%	95%CI	Row%	95%CI	
Follow-up group											
Still enrolled (n=2,387)	24.8	[22.6, 27.2]	21.0	[18.9, 23.3]	24.2	[22.1, 26.5]	29.8	[27.5, 32.3]	0.1	[0.0, 0.5]	100.0
Pearson: Uncorrected chi2(0) =
Design-based F(., .) =	.	Pr =
Age											
19-34 (n=663)	27.4	[23.2, 32.0]	24.3	[20.3, 28.7]	27.6	[23.6, 31.9]	20.6	[16.9, 24.8]	0.2	[0.0, 1.4]	100.0
35-50 (n=760)	26.7	[22.9, 30.9]	22.3	[18.6, 26.5]	22.7	[19.2, 26.7]	28.2	[24.3, 32.5]	0.1	[0.0, 0.7]	100.0
51-64 (n=964)	19.3	[16.7, 22.3]	15.4	[12.9, 18.3]	21.9	[18.8, 25.2]	43.4	[39.6, 47.3]	0.0		100.0
Pearson: Uncorrected chi2(8) =	103.3507										
Design-based F(7.44, 17672.38) =	8.4583	Pr =	0.000								
Gender											
Male (n=933)	25.9	[22.5, 29.7]	24.1	[20.7, 27.9]	23.7	[20.4, 27.4]	26.2	[22.7, 30.1]	0.0		100.0
Female (n=1,454)	23.9	[21.1, 26.8]	18.4	[15.8, 21.2]	24.6	[21.9, 27.5]	32.9	[30.0, 36.1]	0.2	[0.0, 0.9]	100.0
Pearson: Uncorrected chi2(4) =	21.6946										
Design-based F(3.97, 9430.50) =	3.2535	Pr =	0.011								
Race/ethnicity											
White, non-Hispanic (n=1,603)	27.8	[25.0, 30.8]	18.0	[15.7, 20.7]	21.2	[18.8, 23.8]	32.8	[29.9, 35.8]	0.2	[0.0, 0.8]	100.0
Black, non-Hispanic (n=478)	18.5	[14.4, 23.4]	28.7	[23.6, 34.2]	25.6	[21.3, 30.4]	27.2	[22.4, 32.7]	0.0		100.0
Hispanic (n=100)	19.5	[12.3, 29.5]	24.8	[15.4, 37.4]	41.3	[30.0, 53.7]	14.3	[9.0, 22.2]	0.0		100.0
Other, non-Hispanic (n=176)	26.1	[18.8, 34.9]	17.7	[12.1, 25.0]	29.9	[21.6, 39.8]	26.3	[19.4, 34.8]	0.0		100.0
Pearson: Uncorrected chi2(12) =	81.0473										
Design-based F(11.43, 26800.05) =	3.9649	Pr =	0.000								
FPL category											
0-35% (n=1,001)	24.1	[20.9, 27.7]	22.6	[19.4, 26.1]	24.0	[20.8, 27.4]	29.1	[25.7, 32.9]	0.2	[0.0, 0.8]	100.0
36-99% (n=823)	23.9	[20.5, 27.7]	22.2	[18.7, 26.1]	22.9	[19.7, 26.4]	31.0	[27.4, 34.9]	0.0		100.0
100%+ (n=563)	28.4	[24.2, 32.9]	14.4	[11.5, 17.8]	27.0	[22.9, 31.5]	30.3	[26.2, 34.8]	0.0		100.0
Pearson: Uncorrected chi2(8) =	18.0628										
Design-based F(7.09, 16834.93) =	1.8907	Pr =	0.066								
Region											
UP/NW/NE (n=450)	25.7	[21.4, 30.5]	15.2	[11.7, 19.6]	22.2	[18.1, 26.9]	36.9	[32.0, 42.1]	0.0		100.0
W/E Central/E (n=777)	28.2	[24.7, 32.0]	19.1	[16.2, 22.4]	23.9	[20.5, 27.6]	28.5	[24.9, 32.4]	0.4	[0.1, 1.5]	100.0
S Central/SW/SE (n=463)	28.0	[23.5, 32.8]	21.1	[17.0, 25.9]	21.1	[17.1, 25.6]	29.8	[25.3, 34.8]	0.0		100.0
Detroit Metro (n=697)	21.1	[17.4, 25.5]	23.5	[19.6, 27.8]	26.1	[22.3, 30.2]	29.3	[25.3, 33.7]	0.0		100.0
Pearson: Uncorrected chi2(12) =	32.2608										
Design-based F(9.53, 22632.46) =	2.4085	Pr =	0.009								
Chronic condition (2016/2017 survey or DW)											
Yes (n=1,931)	25.4	[22.8, 28.1]	20.5	[18.1, 23.0]	22.1	[19.8, 24.5]	32.1	[29.4, 34.8]	0.0	[0.0, 0.3]	100.0
No (n=456)	22.8	[18.7, 27.5]	23.0	[18.3, 28.6]	32.0	[26.9, 37.5]	21.8	[17.4, 27.1]	0.3	[0.0, 2.3]	100.0
Pearson: Uncorrected chi2(4) =	36.0857										
Design-based F(3.85, 9138.68) =	5.6852	Pr =	0.000								
Total (n=2,387)	24.8	[22.6, 27.2]	21.0	[18.9, 23.3]	24.2	[22.1, 26.5]	29.8	[27.5, 32.3]	0.1	[0.0, 0.5]	100.0

Note: Total count is less than universe count due to item non-response.

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

Follow-up group(s): Still enrolled

Universe: All respondents

	Days eating 3+ fruits or vegetables in last 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	
Follow-up group											
Still enrolled (n=2,386)	33.9	[31.5, 36.3]	37.7	[35.2, 40.3]	15.6	[13.8, 17.6]	12.6	[10.9, 14.6]	0.2	[0.1, 0.5]	100.0
Pearson: Uncorrected chi2(0) =	.										
Design-based F(., .) =	.	Pr =	.								
Age											
19-34 (n=662)	30.3	[26.1, 34.8]	41.2	[36.6, 46.0]	15.9	[12.5, 19.9]	12.5	[9.6, 16.2]	0.1	[0.0, 0.7]	100.0
35-50 (n=760)	32.3	[28.4, 36.5]	38.1	[33.7, 42.6]	14.5	[11.7, 17.8]	14.9	[11.7, 18.8]	0.3	[0.1, 0.8]	100.0
51-64 (n=964)	40.1	[36.4, 44.0]	32.9	[29.5, 36.5]	16.7	[13.9, 19.9]	10.0	[8.1, 12.4]	0.3	[0.1, 1.0]	100.0
Pearson: Uncorrected chi2(8) =	28.0121										
Design-based F(7.20, 17086.49) =	2.4247	Pr =	0.017								
Gender											
Male (n=933)	28.6	[25.0, 32.4]	38.1	[34.2, 42.1]	16.0	[13.2, 19.4]	17.3	[14.3, 20.8]	0.1	[0.0, 0.6]	100.0
Female (n=1,453)	38.4	[35.3, 41.6]	37.4	[34.2, 40.7]	15.2	[13.1, 17.7]	8.6	[6.9, 10.8]	0.3	[0.1, 0.8]	100.0
Pearson: Uncorrected chi2(4) =	54.0894										
Design-based F(3.76, 8932.09) =	8.8634	Pr =	0.000								
Race/ethnicity											
White, non-Hispanic (n=1,602)	35.1	[32.2, 38.2]	37.6	[34.5, 40.7]	14.9	[12.8, 17.3]	12.2	[10.3, 14.4]	0.2	[0.1, 0.6]	100.0
Black, non-Hispanic (n=478)	28.1	[23.6, 33.0]	40.7	[35.2, 46.3]	17.6	[13.6, 22.5]	13.5	[9.7, 18.5]	0.1	[0.0, 0.8]	100.0
Hispanic (n=100)	25.3	[17.2, 35.7]	41.8	[30.8, 53.7]	18.5	[10.1, 31.3]	14.0	[6.8, 26.6]	0.5	[0.1, 3.2]	100.0
Other, non-Hispanic (n=176)	46.2	[37.1, 55.5]	28.3	[21.1, 36.9]	12.1	[7.6, 18.8]	13.0	[7.4, 21.7]	0.4	[0.1, 3.0]	100.0
Pearson: Uncorrected chi2(12) =	31.3307										
Design-based F(10.51, 24632.79) =	1.6233	Pr =	0.089								
FPL category											
0-35% (n=1,000)	33.1	[29.5, 36.8]	36.4	[32.6, 40.3]	15.5	[12.9, 18.6]	14.7	[12.0, 17.9]	0.3	[0.1, 0.7]	100.0
36-99% (n=823)	35.3	[31.5, 39.3]	37.3	[33.4, 41.4]	17.2	[14.0, 20.8]	10.0	[7.7, 12.8]	0.2	[0.1, 0.8]	100.0
100%+ (n=563)	34.2	[29.8, 38.8]	42.5	[37.7, 47.3]	13.5	[10.7, 16.9]	9.9	[7.5, 13.0]	0.0		100.0
Pearson: Uncorrected chi2(8) =	18.0201										
Design-based F(7.33, 17403.69) =	1.9408	Pr =	0.056								
Region											
UP/NW/NE (n=450)	37.3	[32.4, 42.4]	38.0	[33.0, 43.3]	13.6	[10.5, 17.4]	11.1	[8.2, 15.0]	0.0		100.0
W/E Central/E (n=776)	34.6	[30.8, 38.6]	36.9	[33.1, 40.8]	14.9	[12.3, 18.0]	13.1	[10.6, 16.1]	0.5	[0.2, 1.3]	100.0
S Central/SW/SE (n=463)	36.1	[31.2, 41.3]	35.8	[30.8, 41.0]	14.5	[11.3, 18.3]	13.4	[10.4, 17.3]	0.2	[0.0, 1.5]	100.0
Detroit Metro (n=697)	31.8	[27.7, 36.1]	38.9	[34.4, 43.6]	16.9	[13.6, 20.8]	12.3	[9.3, 16.2]	0.1	[0.0, 0.5]	100.0
Pearson: Uncorrected chi2(12) =	11.0214										
Design-based F(10.13, 24038.57) =	0.8033	Pr =	0.627								
Chronic condition (2016/2017 survey or DW)											
Yes (n=1,931)	34.2	[31.5, 36.9]	36.8	[34.0, 39.7]	15.7	[13.7, 18.0]	13.0	[11.0, 15.2]	0.2	[0.1, 0.6]	100.0
No (n=455)	32.7	[27.5, 38.2]	40.8	[35.4, 46.5]	15.1	[11.5, 19.4]	11.4	[7.9, 16.0]	0.1	[0.0, 0.7]	100.0
Pearson: Uncorrected chi2(4) =	3.3154										
Design-based F(3.49, 8289.97) =	0.5585	Pr =	0.669								
Total (n=2,386)	33.9	[31.5, 36.3]	37.7	[35.2, 40.3]	15.6	[13.8, 17.6]	12.6	[10.9, 14.6]	0.2	[0.1, 0.5]	100.0

Note: Total count is less than universe count due to item non-response.

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

Follow-up group(s): Still enrolled

Universe: All respondents

	Health professional discussed exercise in last 12 months						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,387)	46.2	[43.6, 48.8]	53.3	[50.7, 55.9]	0.5	[0.3, 1.0]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=663)	41.5	[36.9, 46.3]	58.1	[53.3, 62.7]	0.4	[0.1, 1.1]	100.0
35-50 (n=760)	47.5	[43.0, 52.1]	52.0	[47.4, 56.5]	0.5	[0.2, 1.4]	100.0
51-64 (n=964)	50.3	[46.5, 54.2]	48.9	[45.1, 52.8]	0.7	[0.3, 2.0]	100.0
Pearson: Uncorrected chi2(4) =	14.2962						
Design-based F(3.75, 8902.38) =	2.6194	Pr =	0.037				
Gender							
Male (n=932)	42.9	[38.9, 46.9]	56.9	[52.8, 60.9]	0.2	[0.1, 0.7]	100.0
Female (n=1,455)	49.0	[45.7, 52.3]	50.2	[46.9, 53.5]	0.8	[0.4, 1.5]	100.0
Pearson: Uncorrected chi2(2) =	13.3174						
Design-based F(1.85, 4386.03) =	5.0551	Pr =	0.008				
Race/ethnicity							
White, non-Hispanic (n=1,603)	44.2	[41.0, 47.3]	55.2	[52.0, 58.3]	0.7	[0.3, 1.4]	100.0
Black, non-Hispanic (n=479)	51.5	[45.9, 57.2]	48.4	[42.7, 54.0]	0.1	[0.0, 0.8]	100.0
Hispanic (n=100)	42.0	[31.1, 53.7]	57.2	[45.5, 68.1]	0.8	[0.1, 5.6]	100.0
Other, non-Hispanic (n=175)	46.0	[37.0, 55.1]	53.4	[44.2, 62.3]	0.7	[0.2, 2.8]	100.0
Pearson: Uncorrected chi2(6) =	12.7022						
Design-based F(5.23, 12269.05) =	1.6359	Pr =	0.143				
FPL category							
0-35% (n=1,001)	45.8	[41.9, 49.7]	53.9	[50.0, 57.8]	0.3	[0.1, 0.7]	100.0
36-99% (n=823)	45.7	[41.6, 49.8]	53.2	[49.0, 57.3]	1.1	[0.5, 2.7]	100.0
100%+ (n=563)	48.0	[43.2, 52.8]	51.6	[46.8, 56.3]	0.4	[0.1, 1.4]	100.0
Pearson: Uncorrected chi2(4) =	6.4318						
Design-based F(3.73, 8852.86) =	1.4616	Pr =	0.214				
Region							
UP/NW/NE (n=450)	43.2	[38.1, 48.4]	56.6	[51.4, 61.7]	0.2	[0.0, 1.4]	100.0
W/E Central/E (n=777)	48.6	[44.5, 52.7]	49.9	[45.9, 54.0]	1.5	[0.8, 2.8]	100.0
S Central/SW/SE (n=464)	43.9	[38.9, 49.1]	55.8	[50.6, 60.9]	0.2	[0.0, 1.7]	100.0
Detroit Metro (n=696)	46.0	[41.4, 50.7]	53.9	[49.2, 58.5]	0.1	[0.0, 0.6]	100.0
Pearson: Uncorrected chi2(6) =	21.1404						
Design-based F(5.05, 11985.30) =	3.5089	Pr =	0.003				
Chronic condition (2016/2017 survey or DW)							
Yes (n=1,930)	50.5	[47.6, 53.4]	48.9	[46.0, 51.8]	0.6	[0.3, 1.1]	100.0
No (n=457)	30.5	[25.8, 35.7]	69.2	[64.0, 73.9]	0.3	[0.1, 1.3]	100.0
Pearson: Uncorrected chi2(2) =	66.8593						
Design-based F(1.84, 4375.11) =	26.9514	Pr =	0.000				
Total (n=2,387)	46.2	[43.6, 48.8]	53.3	[50.7, 55.9]	0.5	[0.3, 1.0]	100.0

Note: Total count is less than universe count due to item non-response.

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

Follow-up group(s): Still enrolled

Universe: All respondents

	Health professional discussed diet/nutrition in last 12 months						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,387)	46.4	[43.8, 48.9]	53.3	[50.7, 55.8]	0.4	[0.2, 0.9]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=663)	41.3	[36.7, 46.1]	58.3	[53.5, 62.9]	0.4	[0.1, 1.8]	100.0
35-50 (n=760)	48.6	[44.1, 53.1]	51.1	[46.5, 55.6]	0.3	[0.1, 1.2]	100.0
51-64 (n=964)	49.9	[46.0, 53.7]	49.6	[45.8, 53.5]	0.5	[0.1, 1.9]	100.0
Pearson: Uncorrected chi2(4) =	14.2901						
Design-based F(3.87, 9196.01) =	2.1853	Pr =	0.070				
Gender							
Male (n=932)	42.0	[38.1, 46.0]	57.6	[53.6, 61.6]	0.4	[0.1, 1.4]	100.0
Female (n=1,455)	50.1	[46.8, 53.4]	49.5	[46.2, 52.8]	0.4	[0.1, 1.2]	100.0
Pearson: Uncorrected chi2(2) =	15.7367						
Design-based F(2.00, 4747.74) =	4.5743	Pr =	0.010				
Race/ethnicity							
White, non-Hispanic (n=1,603)	43.3	[40.2, 46.4]	56.2	[53.0, 59.3]	0.5	[0.2, 1.4]	100.0
Black, non-Hispanic (n=479)	54.5	[48.8, 60.1]	45.4	[39.8, 51.1]	0.1	[0.0, 0.8]	100.0
Hispanic (n=100)	40.6	[30.0, 52.2]	59.4	[47.8, 70.0]	0.0		100.0
Other, non-Hispanic (n=175)	45.5	[36.6, 54.7]	53.8	[44.6, 62.7]	0.7	[0.2, 2.9]	100.0
Pearson: Uncorrected chi2(6) =	25.9849						
Design-based F(5.28, 12370.22) =	2.9872	Pr =	0.009				
FPL category							
0-35% (n=1,001)	46.5	[42.6, 50.4]	53.2	[49.2, 57.1]	0.4	[0.1, 1.3]	100.0
36-99% (n=823)	44.4	[40.3, 48.5]	55.1	[50.9, 59.2]	0.5	[0.1, 2.1]	100.0
100%+ (n=563)	48.9	[44.1, 53.7]	50.8	[46.0, 55.5]	0.3	[0.1, 1.4]	100.0
Pearson: Uncorrected chi2(4) =	2.4322						
Design-based F(3.72, 8838.73) =	0.4528	Pr =	0.757				
Region							
UP/NW/NE (n=450)	43.6	[38.5, 48.8]	56.2	[51.0, 61.3]	0.2	[0.0, 1.4]	100.0
W/E Central/E (n=777)	47.7	[43.7, 51.8]	51.5	[47.4, 55.5]	0.8	[0.3, 2.2]	100.0
S Central/SW/SE (n=464)	44.5	[39.4, 49.7]	55.5	[50.3, 60.6]	0.0		100.0
Detroit Metro (n=696)	46.7	[42.1, 51.4]	53.0	[48.3, 57.6]	0.3	[0.1, 1.5]	100.0
Pearson: Uncorrected chi2(6) =	7.0600						
Design-based F(4.94, 11737.57) =	0.9054	Pr =	0.475				
Chronic condition (2016/2017 survey or DW)							
Yes (n=1,930)	51.0	[48.1, 54.0]	48.7	[45.7, 51.6]	0.3	[0.1, 0.8]	100.0
No (n=457)	29.4	[24.7, 34.6]	69.9	[64.6, 74.6]	0.7	[0.2, 2.9]	100.0
Pearson: Uncorrected chi2(2) =	77.1231						
Design-based F(1.99, 4737.55) =	22.7434	Pr =	0.000				
Total (n=2,387)	46.4	[43.8, 48.9]	53.3	[50.7, 55.8]	0.4	[0.2, 0.9]	100.0

Note: Total count is less than universe count due to item non-response.

4.6 Q: In the last 7 days, how many days did you have [5 or more for men, 4 or more for women] alcoholic drinks?

Follow-up group(s): Still enrolled

Universe: All respondents

	Every day		3-6 days		Binge drinking frequency in last 7 days 1-2 days		0 days		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group									
Still enrolled (n=2,386)	1.4	[0.9, 2.3]	5.2	[4.0, 6.7]	12.0	[10.4, 13.9]	81.4	[79.1, 83.4]	100.0
Pearson: Uncorrected chi2(0) =	.								
Design-based F(., .) =	.	Pr =	.						
Age									
19-34 (n=663)	0.9	[0.4, 2.4]	4.6	[3.1, 6.9]	13.6	[10.4, 17.7]	80.8	[76.5, 84.5]	100.0
35-50 (n=760)	1.4	[0.6, 3.7]	6.6	[4.2, 10.2]	10.9	[8.6, 13.8]	81.0	[76.9, 84.6]	100.0
51-64 (n=963)	2.0	[1.2, 3.5]	4.2	[2.9, 5.9]	11.4	[9.2, 14.0]	82.4	[79.4, 85.1]	100.0
Pearson: Uncorrected chi2(6) =	11.1356								
Design-based F(5.57, 13230.39) =	1.0264	Pr =	0.404						
Gender									
Male (n=932)	1.9	[1.0, 3.6]	5.8	[4.2, 8.0]	13.0	[10.4, 16.1]	79.3	[75.7, 82.4]	100.0
Female (n=1,454)	1.0	[0.5, 1.9]	4.6	[3.1, 6.8]	11.2	[9.2, 13.5]	83.2	[80.3, 85.7]	100.0
Pearson: Uncorrected chi2(3) =	7.8102								
Design-based F(2.97, 7051.62) =	1.3670	Pr =	0.251						
Race/ethnicity									
White, non-Hispanic (n=1,602)	1.3	[0.7, 2.2]	4.8	[3.4, 6.7]	11.1	[9.2, 13.3]	82.9	[80.2, 85.3]	100.0
Black, non-Hispanic (n=478)	2.0	[0.8, 5.0]	6.7	[4.4, 10.0]	15.6	[11.8, 20.4]	75.7	[70.4, 80.3]	100.0
Hispanic (n=100)	1.3	[0.3, 5.6]	8.3	[2.7, 22.8]	5.8	[2.6, 12.7]	84.6	[72.1, 92.1]	100.0
Other, non-Hispanic (n=176)	0.6	[0.1, 3.9]	2.2	[0.7, 6.7]	11.6	[6.9, 18.9]	85.6	[78.0, 90.9]	100.0
Pearson: Uncorrected chi2(9) =	26.4518								
Design-based F(7.98, 18693.63) =	1.6484	Pr =	0.106						
FPL category									
0-35% (n=1,001)	1.7	[0.9, 3.3]	6.6	[4.8, 9.2]	12.9	[10.4, 15.9]	78.7	[75.1, 81.9]	100.0
36-99% (n=823)	0.7	[0.3, 1.3]	3.3	[2.2, 5.2]	10.0	[7.9, 12.5]	86.0	[83.1, 88.4]	100.0
100%+ (n=562)	1.5	[0.7, 3.1]	3.3	[2.0, 5.4]	12.3	[9.4, 15.9]	82.9	[79.0, 86.3]	100.0
Pearson: Uncorrected chi2(6) =	21.8669								
Design-based F(5.56, 13210.74) =	3.1467	Pr =	0.006						
Region									
UP/NW/NE (n=449)	1.2	[0.5, 2.5]	3.5	[2.1, 5.8]	13.4	[10.0, 17.7]	81.9	[77.3, 85.7]	100.0
W/E Central/E (n=776)	1.9	[1.1, 3.5]	4.3	[2.8, 6.4]	11.3	[8.9, 14.3]	82.5	[79.0, 85.4]	100.0
S Central/SW/SE (n=464)	1.0	[0.5, 2.1]	5.7	[3.6, 8.8]	12.1	[9.0, 16.0]	81.3	[76.8, 85.1]	100.0
Detroit Metro (n=697)	1.3	[0.5, 3.3]	6.0	[3.9, 9.0]	12.2	[9.3, 15.7]	80.5	[76.3, 84.2]	100.0
Pearson: Uncorrected chi2(9) =	6.7797								
Design-based F(7.10, 16856.17) =	0.5810	Pr =	0.774						
Chronic condition (2016/2017 survey or DW)									
Yes (n=1,929)	1.7	[1.0, 2.7]	5.1	[3.8, 6.9]	11.6	[9.8, 13.6]	81.6	[79.1, 83.9]	100.0
No (n=457)	0.6	[0.2, 1.5]	5.3	[3.4, 8.3]	13.5	[9.8, 18.3]	80.6	[75.5, 84.8]	100.0
Pearson: Uncorrected chi2(3) =	4.6297								
Design-based F(2.74, 6509.83) =	1.0170	Pr =	0.379						
Total (n=2,386)	1.4	[0.9, 2.3]	5.2	[4.0, 6.7]	12.0	[10.4, 13.9]	81.4	[79.1, 83.4]	100.0

Note: Total count is less than universe count due to item non-response.

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

Follow-up group(s): Still enrolled

Universe: Respondents who had [5 or more for men, 4 or more for women] alcoholic drinks on any day in the last 7 days (n = 411)

	Health professional discussed safe alcohol use in last 12 months				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Follow-up group					
Still enrolled (n=411)	33.1	[27.4, 39.3]	66.9	[60.7, 72.6]	100.0
Pearson: Uncorrected chi2(0) =	.		.		
Design-based F(., .) =	.	Pr =	.		
Age					
19-34 (n=112)	31.2	[21.7, 42.5]	68.8	[57.5, 78.3]	100.0
35-50 (n=132)	31.9	[22.3, 43.3]	68.1	[56.7, 77.7]	100.0
51-64 (n=167)	37.4	[29.0, 46.6]	62.6	[53.4, 71.0]	100.0
Pearson: Uncorrected chi2(2) =	1.2648				
Design-based F(1.91, 760.34) =	0.3847	Pr =	0.671		
Gender					
Male (n=189)	37.4	[29.0, 46.7]	62.6	[53.3, 71.0]	100.0
Female (n=222)	28.6	[21.5, 36.9]	71.4	[63.1, 78.5]	100.0
Pearson: Uncorrected chi2(1) =	3.6136				
Design-based F(1.00, 399.00) =	2.1692	Pr =	0.142		
Race/ethnicity					
White, non-Hispanic (n=257)	30.7	[23.6, 38.8]	69.3	[61.2, 76.4]	100.0
Black, non-Hispanic (n=109)	35.4	[25.2, 47.0]	64.6	[53.0, 74.8]	100.0
Hispanic (n=14)	38.6	[14.6, 69.9]	61.4	[30.1, 85.4]	100.0
Other, non-Hispanic (n=25)	39.5	[19.2, 64.0]	60.5	[36.0, 80.8]	100.0
Pearson: Uncorrected chi2(3) =	1.6273				
Design-based F(3.00, 1177.04) =	0.3155	Pr =	0.814		
FPL category					
0-35% (n=193)	35.8	[27.8, 44.7]	64.2	[55.3, 72.2]	100.0
36-99% (n=120)	29.8	[21.8, 39.2]	70.2	[60.8, 78.2]	100.0
100%+ (n=98)	26.8	[17.5, 38.8]	73.2	[61.2, 82.5]	100.0
Pearson: Uncorrected chi2(2) =	2.4656				
Design-based F(1.92, 767.70) =	1.1063	Pr =	0.330		
Region					
UP/NW/NE (n=81)	17.4	[10.6, 27.1]	82.6	[72.9, 89.4]	100.0
W/E Central/E (n=127)	41.0	[31.4, 51.3]	59.0	[48.7, 68.6]	100.0
S Central/SW/SE (n=82)	37.7	[26.8, 50.1]	62.3	[49.9, 73.2]	100.0
Detroit Metro (n=121)	29.7	[20.5, 40.9]	70.3	[59.1, 79.5]	100.0
Pearson: Uncorrected chi2(3) =	8.9913				
Design-based F(2.44, 972.81) =	2.5277	Pr =	0.069		
Chronic condition (2016/2017 survey or DW)					
Yes (n=326)	36.4	[29.7, 43.6]	63.6	[56.4, 70.3]	100.0
No (n=85)	22.0	[13.3, 34.2]	78.0	[65.8, 86.7]	100.0
Pearson: Uncorrected chi2(1) =	6.6742				
Design-based F(1.00, 399.00) =	4.2320	Pr =	0.040		
Total (n=411)	33.1	[27.4, 39.3]	66.9	[60.7, 72.6]	100.0

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

Follow-up group(s): Still enrolled

Universe: All respondents

	Smoked or used tobacco in last 30 days				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Follow-up group					
Still enrolled (n=2,388)	36.4	[33.9, 38.9]	63.6	[61.1, 66.1]	100.0
Pearson: Uncorrected chi2(0) =	.		.		
Design-based F(., .) =	.	Pr =	.		
Age					
19-34 (n=664)	31.3	[27.0, 35.9]	68.7	[64.1, 73.0]	100.0
35-50 (n=760)	39.5	[35.2, 44.0]	60.5	[56.0, 64.8]	100.0
51-64 (n=964)	38.9	[35.2, 42.6]	61.1	[57.4, 64.8]	100.0
Pearson: Uncorrected chi2(2) =	15.1531				
Design-based F(1.93, 4574.61) =	4.6514	Pr =	0.010		
Gender					
Male (n=933)	39.9	[36.0, 44.0]	60.1	[56.0, 64.0]	100.0
Female (n=1,455)	33.3	[30.3, 36.5]	66.7	[63.5, 69.7]	100.0
Pearson: Uncorrected chi2(1) =	11.2663				
Design-based F(1.00, 2376.00) =	6.6474	Pr =	0.010		
Race/ethnicity					
White, non-Hispanic (n=1,603)	38.5	[35.5, 41.7]	61.5	[58.3, 64.5]	100.0
Black, non-Hispanic (n=479)	35.7	[30.6, 41.2]	64.3	[58.8, 69.4]	100.0
Hispanic (n=100)	29.8	[19.8, 42.2]	70.2	[57.8, 80.2]	100.0
Other, non-Hispanic (n=176)	28.6	[21.5, 36.8]	71.4	[63.2, 78.5]	100.0
Pearson: Uncorrected chi2(3) =	10.4658				
Design-based F(2.98, 6988.05) =	1.9978	Pr =	0.113		
FPL category					
0-35% (n=1,001)	42.1	[38.3, 46.0]	57.9	[54.0, 61.7]	100.0
36-99% (n=824)	30.4	[26.9, 34.1]	69.6	[65.9, 73.1]	100.0
100%+ (n=563)	27.2	[23.2, 31.6]	72.8	[68.4, 76.8]	100.0
Pearson: Uncorrected chi2(2) =	44.4989				
Design-based F(1.93, 4591.14) =	18.2597	Pr =	0.000		
Region					
UP/NW/NE (n=450)	36.3	[31.6, 41.4]	63.7	[58.6, 68.4]	100.0
W/E Central/E (n=777)	40.3	[36.4, 44.4]	59.7	[55.6, 63.6]	100.0
S Central/SW/SE (n=464)	36.5	[31.6, 41.5]	63.5	[58.5, 68.4]	100.0
Detroit Metro (n=697)	33.6	[29.4, 38.2]	66.4	[61.8, 70.6]	100.0
Pearson: Uncorrected chi2(3) =	8.3116				
Design-based F(2.59, 6164.56) =	2.2504	Pr =	0.090		
Chronic condition (2016/2017 survey or DW)					
Yes (n=1,931)	39.1	[36.3, 41.9]	60.9	[58.1, 63.7]	100.0
No (n=457)	26.6	[21.8, 32.0]	73.4	[68.0, 78.2]	100.0
Pearson: Uncorrected chi2(1) =	27.3401				
Design-based F(1.00, 2376.00) =	15.2385	Pr =	0.000		
Total (n=2,388)	36.4	[33.9, 38.9]	63.6	[61.1, 66.1]	100.0

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

Follow-up group(s): Still enrolled

Universe: Respondents who smoked or used tobacco in the last 30 days (n = 882)

	Want to quit smoking or using tobacco						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=879)	71.9	[67.8, 75.7]	26.4	[22.7, 30.4]	1.7	[0.8, 3.9]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=201)	64.3	[55.6, 72.2]	33.0	[25.4, 41.6]	2.7	[0.8, 8.5]	100.0
35-50 (n=308)	73.2	[65.9, 79.4]	25.5	[19.4, 32.6]	1.4	[0.2, 7.5]	100.0
51-64 (n=370)	78.0	[72.9, 82.4]	20.8	[16.6, 25.8]	1.2	[0.3, 3.9]	100.0
Pearson: Uncorrected chi2(4) =	13.6597						
Design-based F(3.48, 3015.83) =	1.6700	Pr =	0.163				
Gender							
Male (n=398)	70.6	[64.6, 76.0]	27.3	[22.1, 33.1]	2.1	[0.8, 5.7]	100.0
Female (n=481)	73.3	[67.3, 78.5]	25.4	[20.3, 31.2]	1.3	[0.3, 5.3]	100.0
Pearson: Uncorrected chi2(2) =	1.2915						
Design-based F(1.90, 1646.36) =	0.2817	Pr =	0.743				
Race/ethnicity							
White, non-Hispanic (n=612)	67.6	[62.2, 72.6]	31.2	[26.3, 36.6]	1.1	[0.3, 4.2]	100.0
Black, non-Hispanic (n=172)	82.8	[75.2, 88.4]	15.2	[10.2, 22.0]	2.1	[0.4, 10.8]	100.0
Hispanic (n=27)	64.3	[42.5, 81.4]	28.2	[13.6, 49.4]	7.5	[1.8, 26.2]	100.0
Other, non-Hispanic (n=57)	73.3	[59.0, 83.9]	24.1	[14.1, 37.9]	2.7	[0.4, 16.6]	100.0
Pearson: Uncorrected chi2(6) =	29.2812						
Design-based F(5.25, 4495.64) =	2.6486	Pr =	0.019				
FPL category							
0-35% (n=448)	71.7	[65.8, 76.9]	26.4	[21.4, 32.2]	1.9	[0.6, 5.5]	100.0
36-99% (n=271)	74.6	[68.4, 79.9]	24.6	[19.4, 30.7]	0.8	[0.1, 5.7]	100.0
100%+ (n=160)	68.8	[60.1, 76.3]	28.9	[21.6, 37.5]	2.3	[0.8, 6.8]	100.0
Pearson: Uncorrected chi2(4) =	2.1297						
Design-based F(3.72, 3222.82) =	0.3967	Pr =	0.797				
Region							
UP/NW/NE (n=172)	71.9	[64.1, 78.5]	27.7	[21.1, 35.4]	0.5	[0.1, 3.4]	100.0
W/E Central/E (n=309)	69.8	[63.5, 75.5]	27.3	[22.0, 33.4]	2.8	[0.9, 8.2]	100.0
S Central/SW/SE (n=173)	70.1	[62.1, 77.1]	28.2	[21.5, 36.1]	1.6	[0.5, 5.5]	100.0
Detroit Metro (n=225)	74.4	[65.9, 81.3]	24.5	[17.7, 32.8]	1.1	[0.2, 7.7]	100.0
Pearson: Uncorrected chi2(6) =	4.7974						
Design-based F(4.01, 3474.08) =	0.5147	Pr =	0.725				
Chronic condition (2016/2017 survey or DW)							
Yes (n=759)	74.7	[70.2, 78.6]	23.4	[19.6, 27.6]	2.0	[0.9, 4.6]	100.0
No (n=120)	57.4	[45.9, 68.2]	42.3	[31.6, 53.8]	0.3	[0.0, 2.0]	100.0
Pearson: Uncorrected chi2(2) =	22.8058						
Design-based F(1.46, 1265.26) =	9.8372	Pr =	0.000				
Total (n=879)	71.9	[67.8, 75.7]	26.4	[22.7, 30.4]	1.7	[0.8, 3.9]	100.0

Note: Total count is less than universe count due to item non-response.

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

Follow-up group(s): Still enrolled

Universe: Respondents who smoked or used tobacco in the last 30 days and want to quit smoking/using tobacco (Yes or DK) (n = 643)

	Attempting to quit smoking or using tobacco						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=641)	91.0	[87.6, 93.6]	8.7	[6.2, 12.1]	0.3	[0.1, 1.2]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=136)	89.2	[80.1, 94.4]	9.8	[4.8, 19.0]	1.0	[0.2, 4.3]	100.0
35-50 (n=227)	89.7	[83.0, 94.0]	10.3	[6.0, 17.0]	0.0		100.0
51-64 (n=278)	94.1	[91.1, 96.1]	5.9	[3.9, 8.9]	0.0		100.0
Pearson: Uncorrected chi2(4) =	7.8204						
Design-based F(3.49, 2196.42) =	1.3826	Pr =	0.242				
Gender							
Male (n=283)	90.0	[83.9, 94.0]	10.0	[6.0, 16.1]	0.0		100.0
Female (n=358)	92.0	[88.0, 94.8]	7.4	[4.7, 11.4]	0.6	[0.1, 2.4]	100.0
Pearson: Uncorrected chi2(2) =	3.0905						
Design-based F(1.88, 1184.63) =	1.1374	Pr =	0.319				
Race/ethnicity							
White, non-Hispanic (n=431)	92.8	[88.6, 95.6]	7.2	[4.4, 11.4]	0.0		100.0
Black, non-Hispanic (n=142)	89.8	[81.4, 94.7]	9.9	[5.1, 18.4]	0.3	[0.0, 2.1]	100.0
Hispanic (n=18)	76.7	[48.6, 92.0]	18.3	[5.3, 47.2]	5.0	[0.7, 29.4]	100.0
Other, non-Hispanic (n=41)	88.0	[72.5, 95.3]	12.0	[4.7, 27.5]	0.0		100.0
Pearson: Uncorrected chi2(6) =	25.5468						
Design-based F(5.41, 3354.17) =	3.0172	Pr =	0.008				
FPL category							
0-35% (n=330)	91.9	[86.9, 95.2]	8.1	[4.8, 13.1]	0.0		100.0
36-99% (n=201)	90.6	[84.6, 94.4]	9.4	[5.6, 15.4]	0.0		100.0
100%+ (n=110)	87.3	[77.6, 93.1]	10.5	[5.3, 19.8]	2.2	[0.5, 9.2]	100.0
Pearson: Uncorrected chi2(4) =	13.0728						
Design-based F(3.24, 2035.05) =	3.3488	Pr =	0.016				
Region							
UP/NW/NE (n=120)	91.9	[85.2, 95.7]	8.1	[4.3, 14.8]	0.0		100.0
W/E Central/E (n=224)	94.2	[90.2, 96.6]	5.3	[3.0, 9.0]	0.6	[0.1, 4.1]	100.0
S Central/SW/SE (n=120)	89.8	[82.0, 94.4]	9.7	[5.2, 17.4]	0.5	[0.1, 3.8]	100.0
Detroit Metro (n=177)	88.9	[81.1, 93.7]	11.1	[6.3, 18.9]	0.0		100.0
Pearson: Uncorrected chi2(6) =	6.9901						
Design-based F(4.54, 2854.99) =	1.2989	Pr =	0.265				
Chronic condition (2016/2017 survey or DW)							
Yes (n=573)	91.7	[87.9, 94.4]	7.9	[5.3, 11.7]	0.3	[0.1, 1.4]	100.0
No (n=68)	86.1	[74.7, 92.8]	13.9	[7.2, 25.3]	0.0		100.0
Pearson: Uncorrected chi2(2) =	3.4004						
Design-based F(1.94, 1219.88) =	1.3533	Pr =	0.259				
Total (n=641)	91.0	[87.6, 93.6]	8.7	[6.2, 12.1]	0.3	[0.1, 1.2]	100.0

Note: Total count is less than universe count due to item non-response.

4.7.2 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 or cut back?

Follow-up group(s): Still enrolled

Universe: Respondents who have smoked or used tobacco in the last 30 days and want to quit smoking or using tobacco (Yes or DK) (n = 643)

	Got help with reducing/quitting tobacco in last 12 months				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Follow-up group					
Still enrolled (n=639)	52.2	[47.2, 57.0]	47.8	[43.0, 52.8]	100.0
Pearson: Uncorrected chi2(0) =	.		.		
Design-based F(., .) =	.	Pr =	.		
Age					
19-34 (n=136)	45.1	[35.0, 55.5]	54.9	[44.5, 65.0]	100.0
35-50 (n=226)	49.0	[41.0, 57.0]	51.0	[43.0, 59.0]	100.0
51-64 (n=277)	61.9	[55.0, 68.5]	38.1	[31.5, 45.0]	100.0
Pearson: Uncorrected chi2(2) =	12.7478				
Design-based F(1.93, 1207.94) =	4.0079	Pr =	0.020		
Gender					
Male (n=282)	42.9	[35.9, 50.1]	57.1	[49.9, 64.1]	100.0
Female (n=357)	61.4	[55.0, 67.4]	38.6	[32.6, 45.0]	100.0
Pearson: Uncorrected chi2(1) =	21.9768				
Design-based F(1.00, 627.00) =	14.2956	Pr =	0.000		
Race/ethnicity					
White, non-Hispanic (n=430)	54.6	[48.7, 60.4]	45.4	[39.6, 51.3]	100.0
Black, non-Hispanic (n=141)	51.0	[40.7, 61.1]	49.0	[38.9, 59.3]	100.0
Hispanic (n=18)	24.8	[10.2, 49.0]	75.2	[51.0, 89.8]	100.0
Other, non-Hispanic (n=41)	51.9	[34.8, 68.6]	48.1	[31.4, 65.2]	100.0
Pearson: Uncorrected chi2(3) =	8.2497				
Design-based F(2.93, 1812.58) =	1.7806	Pr =	0.150		
FPL category					
0-35% (n=328)	56.4	[49.5, 63.1]	43.6	[36.9, 50.5]	100.0
36-99% (n=201)	44.0	[36.6, 51.7]	56.0	[48.3, 63.4]	100.0
100%+ (n=110)	45.1	[34.8, 55.9]	54.9	[44.1, 65.2]	100.0
Pearson: Uncorrected chi2(2) =	8.5090				
Design-based F(1.95, 1219.82) =	3.7684	Pr =	0.024		
Region					
UP/NW/NE (n=119)	56.8	[46.4, 66.6]	43.2	[33.4, 53.6]	100.0
W/E Central/E (n=224)	53.0	[45.5, 60.5]	47.0	[39.5, 54.5]	100.0
S Central/SW/SE (n=120)	58.0	[47.3, 68.0]	42.0	[32.0, 52.7]	100.0
Detroit Metro (n=176)	48.1	[39.4, 57.0]	51.9	[43.0, 60.6]	100.0
Pearson: Uncorrected chi2(3) =	3.7385				
Design-based F(2.67, 1672.43) =	0.9997	Pr =	0.386		
Chronic condition (2016/2017 survey or DW)					
Yes (n=571)	53.5	[48.3, 58.7]	46.5	[41.3, 51.7]	100.0
No (n=68)	42.6	[29.1, 57.4]	57.4	[42.6, 70.9]	100.0
Pearson: Uncorrected chi2(1) =	3.3063				
Design-based F(1.00, 627.00) =	1.8737	Pr =	0.172		
Total (n=639)	52.2	[47.2, 57.0]	47.8	[43.0, 52.8]	100.0

Note: Total count is less than universe count due to item non-response.

4.8 Q: In the last 30 days, have you used drugs or medications to affect your mood or help you relax?

Follow-up group(s): Still enrolled

Universe: All respondents

	Drug use in last 30 days				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Follow-up group					
Still enrolled (n=2,386)	5.4	[4.3, 6.7]	94.6	[93.3, 95.7]	100.0
Pearson: Uncorrected chi2(0) =	.				
Design-based F(., .) =	.	Pr =	.		
Age					
19-34 (n=663)	5.8	[3.8, 8.7]	94.2	[91.3, 96.2]	100.0
35-50 (n=759)	5.7	[3.9, 8.2]	94.3	[91.8, 96.1]	100.0
51-64 (n=964)	4.5	[3.2, 6.3]	95.5	[93.7, 96.8]	100.0
Pearson: Uncorrected chi2(2) =	1.5097				
Design-based F(1.88, 4461.17) =	0.4594	Pr =	0.620		
Gender					
Male (n=932)	6.1	[4.4, 8.3]	93.9	[91.7, 95.6]	100.0
Female (n=1,454)	4.8	[3.5, 6.6]	95.2	[93.4, 96.5]	100.0
Pearson: Uncorrected chi2(1) =	1.8255				
Design-based F(1.00, 2374.00) =	1.0176	Pr =	0.313		
Race/ethnicity					
White, non-Hispanic (n=1,602)	4.8	[3.7, 6.2]	95.2	[93.8, 96.3]	100.0
Black, non-Hispanic (n=479)	6.4	[3.8, 10.6]	93.6	[89.4, 96.2]	100.0
Hispanic (n=100)	7.2	[3.1, 15.8]	92.8	[84.2, 96.9]	100.0
Other, non-Hispanic (n=175)	5.5	[2.7, 10.8]	94.5	[89.2, 97.3]	100.0
Pearson: Uncorrected chi2(3) =	3.0466				
Design-based F(2.83, 6641.51) =	0.5690	Pr =	0.626		
FPL category					
0-35% (n=1,000)	6.1	[4.4, 8.4]	93.9	[91.6, 95.6]	100.0
36-99% (n=823)	5.1	[3.6, 7.2]	94.9	[92.8, 96.4]	100.0
100%+ (n=563)	3.5	[2.2, 5.4]	96.5	[94.6, 97.8]	100.0
Pearson: Uncorrected chi2(2) =	4.6060				
Design-based F(1.88, 4461.63) =	1.9699	Pr =	0.143		
Region					
UP/NW/NE (n=450)	4.2	[2.4, 7.4]	95.8	[92.6, 97.6]	100.0
W/E Central/E (n=775)	4.3	[3.0, 6.2]	95.7	[93.8, 97.0]	100.0
S Central/SW/SE (n=464)	7.8	[5.4, 11.1]	92.2	[88.9, 94.6]	100.0
Detroit Metro (n=697)	5.4	[3.5, 8.1]	94.6	[91.9, 96.5]	100.0
Pearson: Uncorrected chi2(3) =	6.5814				
Design-based F(2.63, 6234.59) =	1.6679	Pr =	0.178		
Chronic condition (2016/2017 survey or DW)					
Yes (n=1,930)	6.0	[4.6, 7.6]	94.0	[92.4, 95.4]	100.0
No (n=456)	3.3	[1.9, 5.5]	96.7	[94.5, 98.1]	100.0
Pearson: Uncorrected chi2(1) =	5.6868				
Design-based F(1.00, 2374.00) =	4.2773	Pr =	0.039		
Total (n=2,386)	5.4	[4.3, 6.7]	94.6	[93.3, 95.7]	100.0

Note: Total count is less than universe count due to item non-response.

4.8.1 Q: How often?

Follow-up group(s): Still enrolled

Universe: Respondents who used drugs in the last 30 days (n = 131)

	Drug use frequency								Total Row%
	Almost every day Row%	95%CI	Sometimes Row%	95%CI	Rarely Row%	95%CI	Never Row%	95%CI	
Follow-up group									
Still enrolled (n=131)	49.9	[38.6, 61.2]	26.7	[17.7, 38.1]	21.6	[12.8, 34.0]	1.9	[0.3, 12.3]	100.0
Pearson: Uncorrected chi2(0) =	.		.						
Design-based F(., .) =	.	Pr =	.						
Age									
19-34 (n=38)	43.0	[24.4, 63.7]	27.8	[14.6, 46.5]	29.2	[12.8, 53.8]	0.0		100.0
35-50 (n=45)	51.1	[33.3, 68.6]	24.7	[11.2, 46.2]	19.3	[9.1, 36.5]	4.8	[0.7, 27.9]	100.0
51-64 (n=48)	59.3	[40.8, 75.6]	28.0	[13.7, 48.7]	12.7	[5.0, 28.8]	0.0		100.0
Pearson: Uncorrected chi2(6) =	7.6467								
Design-based F(5.51, 655.99) =	0.7522	Pr =	0.597						
Gender									
Male (n=60)	56.8	[40.2, 72.0]	28.0	[15.2, 45.9]	15.1	[7.1, 29.4]	0.0		100.0
Female (n=71)	42.4	[28.4, 57.7]	25.2	[14.6, 39.8]	28.5	[14.7, 48.1]	3.9	[0.5, 23.1]	100.0
Pearson: Uncorrected chi2(3) =	6.8241								
Design-based F(2.92, 346.95) =	1.1935	Pr =	0.312						
Race/ethnicity									
White, non-Hispanic (n=84)	47.6	[34.9, 60.6]	25.8	[16.0, 38.8]	23.0	[13.6, 36.3]	3.5	[0.5, 21.4]	100.0
Black, non-Hispanic (n=28)	46.8	[23.4, 71.8]	22.6	[7.1, 52.5]	30.6	[11.2, 60.5]	0.0		100.0
Hispanic (n=7)	48.6	[16.2, 82.2]	51.4	[17.8, 83.8]	0.0		0.0		100.0
Other, non-Hispanic (n=11)	70.7	[31.8, 92.6]	29.3	[7.4, 68.2]	0.0		0.0		100.0
Pearson: Uncorrected chi2(9) =	11.5902								
Design-based F(7.01, 826.76) =	0.7544	Pr =	0.626						
FPL category									
0-35% (n=63)	50.2	[34.5, 65.9]	27.2	[15.2, 43.7]	19.7	[8.9, 38.2]	2.9	[0.4, 18.2]	100.0
36-99% (n=45)	45.4	[29.9, 61.8]	27.0	[14.0, 45.7]	27.7	[13.9, 47.5]	0.0		100.0
100%+ (n=23)	58.0	[36.1, 77.2]	22.9	[10.5, 42.8]	19.1	[5.9, 47.2]	0.0		100.0
Pearson: Uncorrected chi2(6) =	2.4849								
Design-based F(4.41, 524.53) =	0.3384	Pr =	0.869						
Region									
UP/NW/NE (n=19)	54.2	[26.4, 79.7]	21.8	[8.2, 46.3]	24.0	[8.4, 52.3]	0.0		100.0
W/E Central/E (n=38)	54.7	[37.5, 70.9]	25.8	[13.7, 43.2]	19.5	[8.7, 38.2]	0.0		100.0
S Central/SW/SE (n=37)	51.0	[32.7, 69.1]	23.5	[11.5, 42.1]	17.9	[8.0, 35.2]	7.6	[1.1, 38.8]	100.0
Detroit Metro (n=37)	45.9	[26.8, 66.2]	29.7	[14.0, 52.2]	24.4	[9.5, 49.9]	0.0		100.0
Pearson: Uncorrected chi2(9) =	8.7950								
Design-based F(6.25, 743.62) =	0.8430	Pr =	0.541						
Chronic condition (2016/2017 survey or DW)									
Yes (n=114)	53.0	[40.3, 65.4]	26.0	[16.4, 38.6]	18.9	[9.9, 33.0]	2.1	[0.3, 13.9]	100.0
No (n=17)	28.0	[10.2, 57.0]	31.6	[13.0, 58.7]	40.4	[18.4, 67.1]	0.0		100.0
Pearson: Uncorrected chi2(3) =	5.3950								
Design-based F(2.80, 333.17) =	1.0842	Pr =	0.353						
Total (n=131)	49.9	[38.6, 61.2]	26.7	[17.7, 38.1]	21.6	[12.8, 34.0]	1.9	[0.3, 12.3]	100.0

4.8.1.1 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?

Follow-up group(s): Still enrolled

Universe: Respondents who used drugs almost every day/sometimes in the last 30 days (n = 104)

	Health professional discussed drug use in last 12 months				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Follow-up group					
Still enrolled (n=99)	43.8	[32.5, 55.8]	56.2	[44.2, 67.5]	100.0
Pearson: Uncorrected chi2(0) =	.		.		
Design-based F(., .) =	.	Pr =	.		
Age					
19-34 (n=27)	39.7	[22.2, 60.4]	60.3	[39.6, 77.8]	100.0
35-50 (n=31)	37.3	[20.6, 57.8]	62.7	[42.2, 79.4]	100.0
51-64 (n=41)	57.7	[40.5, 73.2]	42.3	[26.8, 59.5]	100.0
Pearson: Uncorrected chi2(2) =	2.9706				
Design-based F(1.85, 160.71) =	1.1822	Pr =	0.307		
Gender					
Male (n=47)	46.8	[29.8, 64.6]	53.2	[35.4, 70.2]	100.0
Female (n=52)	39.9	[25.7, 56.0]	60.1	[44.0, 74.3]	100.0
Pearson: Uncorrected chi2(1) =	0.4786				
Design-based F(1.00, 87.00) =	0.3130	Pr =	0.577		
Race/ethnicity					
White, non-Hispanic (n=63)	46.5	[32.4, 61.2]	53.5	[38.8, 67.6]	100.0
Black, non-Hispanic (n=19)	31.9	[12.2, 61.1]	68.1	[38.9, 87.8]	100.0
Hispanic (n=6)	35.8	[9.6, 74.4]	64.2	[25.6, 90.4]	100.0
Other, non-Hispanic (n=10)	62.5	[26.4, 88.5]	37.5	[11.5, 73.6]	100.0
Pearson: Uncorrected chi2(3) =	3.5946				
Design-based F(2.92, 251.25) =	0.7342	Pr =	0.529		
FPL category					
0-35% (n=47)	49.0	[32.8, 65.5]	51.0	[34.5, 67.2]	100.0
36-99% (n=32)	26.3	[13.3, 45.4]	73.7	[54.6, 86.7]	100.0
100%+ (n=20)	49.3	[27.2, 71.6]	50.7	[28.4, 72.8]	100.0
Pearson: Uncorrected chi2(2) =	3.7050				
Design-based F(1.92, 166.98) =	2.0059	Pr =	0.140		
Region					
UP/NW/NE (n=14)	58.3	[25.7, 85.0]	41.7	[15.0, 74.3]	100.0
W/E Central/E (n=28)	77.3	[59.0, 89.0]	22.7	[11.0, 41.0]	100.0
S Central/SW/SE (n=27)	29.8	[14.1, 52.2]	70.2	[47.8, 85.9]	100.0
Detroit Metro (n=30)	30.3	[14.2, 53.2]	69.7	[46.8, 85.8]	100.0
Pearson: Uncorrected chi2(3) =	16.9365				
Design-based F(2.75, 238.91) =	4.9319	Pr =	0.003		
Chronic condition (2016/2017 survey or DW)					
Yes (n=89)	43.8	[31.6, 56.8]	56.2	[43.2, 68.4]	100.0
No (n=10)	44.1	[16.0, 76.6]	55.9	[23.4, 84.0]	100.0
Pearson: Uncorrected chi2(1) =	0.0003				
Design-based F(1.00, 87.00) =	0.0002	Pr =	0.988		
Total (n=99)	43.8	[32.5, 55.8]	56.2	[44.2, 67.5]	100.0

Note: Total count is less than universe count due to item non-response.

4.9 Q: In the last year, did you discuss the Health Risk Assessment with your doctor or someone at your primary care provider's office?

Follow-up group(s): Still enrolled

Universe: All respondents

	Discussed HRA with provider in the last year						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,385)	45.9	[43.3, 48.5]	44.8	[42.2, 47.4]	9.3	[7.9, 10.9]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=661)	41.0	[36.4, 45.7]	48.1	[43.3, 52.9]	11.0	[8.2, 14.6]	100.0
35-50 (n=760)	45.5	[41.1, 50.0]	46.1	[41.6, 50.7]	8.4	[6.4, 10.8]	100.0
51-64 (n=964)	52.5	[48.6, 56.3]	39.1	[35.4, 42.9]	8.4	[6.5, 10.8]	100.0
Pearson: Uncorrected chi2(4) =	22.4303						
Design-based F(3.82, 9076.16) =	3.5663	Pr =	0.007				
Gender							
Male (n=932)	41.4	[37.5, 45.4]	48.9	[44.8, 53.1]	9.7	[7.5, 12.4]	100.0
Female (n=1,453)	49.8	[46.4, 53.1]	41.2	[38.0, 44.6]	9.0	[7.3, 11.1]	100.0
Pearson: Uncorrected chi2(2) =	17.1227						
Design-based F(2.00, 4741.69) =	5.0284	Pr =	0.007				
Race/ethnicity							
White, non-Hispanic (n=1,601)	44.4	[41.3, 47.5]	44.5	[41.3, 47.7]	11.1	[9.2, 13.4]	100.0
Black, non-Hispanic (n=478)	52.3	[46.6, 57.9]	43.8	[38.2, 49.6]	3.9	[2.5, 6.2]	100.0
Hispanic (n=100)	43.8	[32.7, 55.6]	48.0	[36.2, 59.9]	8.2	[4.0, 16.0]	100.0
Other, non-Hispanic (n=176)	37.8	[29.6, 46.9]	46.9	[37.9, 56.2]	15.2	[9.1, 24.5]	100.0
Pearson: Uncorrected chi2(6) =	41.9822						
Design-based F(5.77, 13507.44) =	4.0513	Pr =	0.001				
FPL category							
0-35% (n=999)	46.7	[42.9, 50.7]	43.8	[39.8, 47.8]	9.5	[7.4, 12.1]	100.0
36-99% (n=823)	46.0	[41.8, 50.1]	45.1	[41.0, 49.3]	8.9	[6.9, 11.4]	100.0
100%+ (n=563)	43.2	[38.6, 48.0]	47.4	[42.6, 52.3]	9.3	[7.0, 12.4]	100.0
Pearson: Uncorrected chi2(4) =	1.9934						
Design-based F(3.83, 9080.02) =	0.3887	Pr =	0.809				
Region							
UP/NW/NE (n=450)	43.3	[38.3, 48.5]	47.5	[42.2, 52.8]	9.2	[6.6, 12.7]	100.0
W/E Central/E (n=777)	49.6	[45.5, 53.7]	39.5	[35.5, 43.7]	10.9	[8.7, 13.6]	100.0
S Central/SW/SE (n=462)	44.2	[39.1, 49.5]	49.3	[44.1, 54.6]	6.5	[4.4, 9.4]	100.0
Detroit Metro (n=696)	44.6	[40.0, 49.3]	46.0	[41.3, 50.8]	9.4	[6.9, 12.6]	100.0
Pearson: Uncorrected chi2(6) =	15.4665						
Design-based F(5.18, 12298.55) =	2.0936	Pr =	0.061				
Chronic condition (2016/2017 survey or DW)							
Yes (n=1,930)	48.9	[46.0, 51.8]	41.8	[38.9, 44.8]	9.3	[7.8, 11.1]	100.0
No (n=455)	35.1	[30.1, 40.5]	55.5	[49.8, 61.0]	9.4	[6.4, 13.5]	100.0
Pearson: Uncorrected chi2(2) =	33.4759						
Design-based F(1.99, 4715.47) =	9.4755	Pr =	0.000				
Total (n=2,385)	45.9	[43.3, 48.5]	44.8	[42.2, 47.4]	9.3	[7.9, 10.9]	100.0

Note: Total count is less than universe count due to item non-response.

4.9.1 Q: What healthy behavior did you choose to work on?

Follow-up group(s): Still enrolled

Universe: Respondents who discussed the Health Risk Assessment with a doctor or someone at their primary care provider's office in the last year (n = 1,163)

HRA healthy behavior	Weighted Proportion	95%CI
At least one healthy behavior (n=1,042)	88.5	[85.8, 90.8]
Nutrition/diet (n=418)	38.6	[35.0, 42.2]
Exercise/activity (n=387)	33.9	[30.6, 37.4]
Reduce/quit tobacco use (n=188)	14.4	[12.2, 16.8]
Lose weight (n=178)	13.3	[11.2, 15.8]
Don't remember (n=110)	10.5	[8.3, 13.1]
Reduce stress/mental health care (n=48)	4.5	[3.1, 6.6]
Other (n=41)	2.9	[2.1, 4.1]
Monitor my blood pressure/sugar (n=30)	2.7	[1.8, 4.1]
Reduce/quit alcohol use (n=16)	1.4	[0.8, 2.5]
Return to doctor (n=6)	0.7	[0.2, 2.2]
Take medicine regularly (n=7)	0.5	[0.2, 1.1]
Treatment for substance use (n=4)	0.3	[0.1, 0.8]
Flu shot (n=1)	0.2	[0.0, 1.3]

Note: Respondents were able to provide multiple responses

4.9.1.1 Q: Why did you choose to work on this healthy behavior?

Follow-up group(s): Still enrolled

Universe: Respondents who chose to work on at least one healthy behavior (n = 1,042)

	Wanted to do anyway		Doctor suggested		Reasons for choosing healthy behavior				Easy to do		HMP covers cost	
	Percent	95%CI	Percent	95%CI	Improve condition		Other		Percent	95%CI	Percent	95%CI
Nutrition/diet (n=418)	71.2	[65.4, 76.3]	30.5	[25.3, 36.2]	14.7	[11.1, 19.2]	2.9	[1.3, 6.1]	0.9	[0.3, 2.2]	0.1	[0.0, 0.8]
Exercise/activity (n=387)	77.6	[72.3, 82.2]	31.4	[26.1, 37.2]	12.4	[8.8, 17.0]	2.0	[0.9, 4.6]	3.8	[2.0, 7.0]		
Reduce/quit tobacco use (n=188)	82.7	[75.5, 88.0]	25.4	[19.0, 33.1]	4.6	[2.0, 10.1]	1.7	[0.5, 5.4]			0.6	[0.1, 2.4]
Lose weight (n=178)	76.0	[66.9, 83.2]	25.7	[19.0, 33.8]	16.1	[10.1, 24.7]	0.5	[0.1, 2.2]	0.7	[0.2, 2.7]	0.3	[0.0, 2.3]
Reduce stress/mental health care (n=48)	83.7	[83.7, 83.7]	19.5	[19.5, 19.5]	8.1	[8.1, 8.1]	2.6	[2.6, 2.6]				
Other (n=41)	57.8	[57.8, 57.8]	16.8	[16.8, 16.8]	5.6	[5.6, 5.6]	9.2	[9.2, 9.2]				
Monitor blood pressure/sugar (n=30)	63.9	[63.9, 63.9]	50.4	[50.4, 50.4]	8.3	[8.3, 8.3]						
Reduce/quit alcohol use (n=16)	65.7	[65.7, 65.7]	17.8	[17.8, 17.8]	3.9	[3.9, 3.9]	12.6	[12.6, 12.6]				

Note: Respondents were able to provide multiple responses

- 5 Aim 5: To understand HMP enrollees' decisions about when, where and how to seek care, including decisions about emergency department utilization.**

5.1 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?

Follow-up group(s): Still enrolled

Universe: All respondents

	Regular source of care in last 12 months						Total Row%
	Yes		No		NA		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,386)	93.8	[92.4, 95.0]	4.1	[3.2, 5.3]	2.1	[1.4, 3.0]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.		Pr =	.			
Age							
19-34 (n=664)	92.3	[89.4, 94.4]	4.9	[3.3, 7.2]	2.8	[1.6, 5.1]	100.0
35-50 (n=760)	93.6	[91.0, 95.6]	4.7	[3.0, 7.3]	1.6	[0.9, 2.9]	100.0
51-64 (n=962)	95.9	[94.2, 97.2]	2.4	[1.6, 3.7]	1.7	[0.9, 3.2]	100.0
Pearson: Uncorrected chi2(4) =	11.3533						
Design-based F(3.76, 8915.29) =	1.8965		Pr =	0.113			
Gender							
Male (n=932)	90.8	[88.2, 92.9]	5.8	[4.2, 8.0]	3.4	[2.1, 5.3]	100.0
Female (n=1,454)	96.4	[94.9, 97.4]	2.7	[1.7, 4.1]	0.9	[0.6, 1.6]	100.0
Pearson: Uncorrected chi2(2) =	33.4893						
Design-based F(1.92, 4551.54) =	11.5537		Pr =	0.000			
Race/ethnicity							
White, non-Hispanic (n=1,601)	93.8	[92.0, 95.2]	3.9	[2.8, 5.3]	2.3	[1.5, 3.5]	100.0
Black, non-Hispanic (n=479)	95.1	[91.7, 97.2]	3.5	[1.8, 6.6]	1.4	[0.5, 3.9]	100.0
Hispanic (n=100)	90.8	[81.6, 95.7]	9.2	[4.3, 18.4]	0.0		100.0
Other, non-Hispanic (n=176)	90.6	[83.7, 94.8]	5.6	[2.6, 11.4]	3.8	[1.5, 9.7]	100.0
Pearson: Uncorrected chi2(6) =	16.0560						
Design-based F(5.83, 13669.62) =	1.4155		Pr =	0.206			
FPL category							
0-35% (n=999)	93.6	[91.5, 95.3]	4.7	[3.4, 6.6]	1.7	[0.9, 3.1]	100.0
36-99% (n=824)	94.6	[92.1, 96.3]	3.1	[1.9, 4.9]	2.4	[1.3, 4.5]	100.0
100%+ (n=563)	93.3	[89.9, 95.6]	3.9	[2.1, 7.2]	2.8	[1.6, 4.8]	100.0
Pearson: Uncorrected chi2(4) =	5.2640						
Design-based F(3.86, 9169.98) =	0.8456		Pr =	0.493			
Region							
UP/NW/NE (n=450)	94.0	[90.9, 96.1]	2.9	[1.6, 5.3]	3.0	[1.6, 5.6]	100.0
W/E Central/E (n=777)	94.3	[92.0, 96.0]	4.1	[2.7, 6.1]	1.6	[0.8, 3.0]	100.0
S Central/SW/SE (n=463)	92.5	[88.8, 95.0]	5.1	[3.0, 8.6]	2.4	[1.3, 4.5]	100.0
Detroit Metro (n=696)	93.9	[91.2, 95.8]	4.0	[2.6, 6.3]	2.0	[1.0, 4.1]	100.0
Pearson: Uncorrected chi2(6) =	3.8307						
Design-based F(5.20, 12334.31) =	0.4817		Pr =	0.797			
Chronic condition (2016/2017 survey or DW)							
Yes (n=1,930)	95.7	[94.4, 96.8]	3.0	[2.2, 4.2]	1.2	[0.7, 2.2]	100.0
No (n=456)	86.8	[82.3, 90.3]	8.2	[5.4, 12.1]	5.0	[3.1, 8.1]	100.0
Pearson: Uncorrected chi2(2) =	57.5040						
Design-based F(2.00, 4747.98) =	16.1040		Pr =	0.000			
Total (n=2,386)	93.8	[92.4, 95.0]	4.1	[3.2, 5.3]	2.1	[1.4, 3.0]	100.0

Note: Total count is less than universe count due to item non-response.

5.1.1 Q: What kind of a place was it?

Follow-up group(s): Still enrolled

Universe: Respondents who had a regular source of care in last 12 months (n = 2,261)

	Regular source of care in last 12 months													
	Clinic		Doctor's office		Urgent care/Walk-in clinic		Emergency room		Other		Don't know		Total	
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	
Follow-up group														
Still enrolled (n=2,226)	20.5	[18.5, 22.7]	69.7	[67.2, 72.1]	6.1	[4.9, 7.7]	2.6	[1.7, 4.0]	1.0	[0.6, 1.5]	0.1	[0.0, 0.4]	100.0	
Pearson: Uncorrected chi2(0) =	
Design-based F(., .) =	.	Pr =	
Age														
19-34 (n=601)	19.4	[15.7, 23.9]	68.2	[63.2, 72.8]	7.1	[5.1, 9.9]	4.4	[2.5, 7.7]	0.8	[0.4, 1.8]	0.0		100.0	
35-50 (n=715)	17.5	[14.5, 21.0]	72.6	[68.3, 76.6]	6.7	[4.4, 10.1]	2.5	[1.3, 4.9]	0.6	[0.2, 1.7]	0.0		100.0	
51-64 (n=910)	25.3	[22.2, 28.8]	68.0	[64.3, 71.5]	4.2	[2.7, 6.4]	0.7	[0.2, 1.9]	1.7	[0.9, 3.0]	0.2	[0.0, 1.3]	100.0	
Pearson: Uncorrected chi2(10) =	45.0215													
Design-based F(9.14, 20240.25) =	2.7714	Pr =	0.003											
Gender														
Male (n=837)	22.9	[19.5, 26.7]	65.1	[60.8, 69.2]	6.7	[4.7, 9.4]	4.0	[2.3, 6.8]	1.3	[0.7, 2.4]	0.0		100.0	
Female (n=1,389)	18.6	[16.3, 21.1]	73.4	[70.4, 76.2]	5.7	[4.2, 7.6]	1.5	[0.8, 2.8]	0.7	[0.4, 1.4]	0.1	[0.0, 0.7]	100.0	
Pearson: Uncorrected chi2(5) =	27.1240													
Design-based F(4.65, 10284.09) =	3.3642	Pr =	0.006											
Race/ethnicity														
White, non-Hispanic (n=1,496)	19.1	[16.7, 21.7]	73.6	[70.6, 76.3]	5.0	[3.8, 6.6]	1.4	[0.7, 2.7]	0.9	[0.5, 1.6]	0.1	[0.0, 0.7]	100.0	
Black, non-Hispanic (n=455)	22.3	[18.2, 27.1]	61.4	[55.7, 66.9]	9.0	[5.9, 13.5]	5.7	[3.2, 10.1]	1.5	[0.7, 3.0]	0.0		100.0	
Hispanic (n=90)	33.9	[22.6, 47.4]	58.7	[45.4, 70.8]	3.3	[0.5, 19.9]	4.0	[1.2, 12.4]	0.0		0.0		100.0	
Other, non-Hispanic (n=155)	15.7	[9.9, 24.0]	77.4	[68.6, 84.3]	5.6	[2.7, 11.1]	1.1	[0.3, 4.4]	0.2	[0.0, 1.6]	0.0		100.0	
Pearson: Uncorrected chi2(15) =	73.9574													
Design-based F(12.84, 28045.24) =	2.9949	Pr =	0.000											
FPL category														
0-35% (n=923)	19.6	[16.7, 22.8]	70.1	[66.2, 73.6]	5.9	[4.1, 8.5]	3.4	[2.0, 5.7]	1.1	[0.6, 2.0]	0.0		100.0	
36-99% (n=773)	21.7	[18.1, 25.7]	70.5	[66.3, 74.4]	6.0	[4.3, 8.2]	0.9	[0.4, 2.2]	0.9	[0.4, 1.9]	0.0		100.0	
100%+ (n=530)	21.7	[18.1, 25.7]	67.5	[62.6, 71.9]	6.9	[4.6, 10.3]	2.9	[1.3, 6.4]	0.8	[0.3, 2.1]	0.3	[0.0, 2.1]	100.0	
Pearson: Uncorrected chi2(10) =	17.3500													
Design-based F(8.62, 19091.97) =	1.3917	Pr =	0.189											
Region														
UP/NW/NE (n=420)	31.6	[26.7, 36.9]	62.2	[56.8, 67.3]	4.0	[2.4, 6.6]	0.8	[0.3, 2.4]	1.4	[0.6, 3.3]	0.0		100.0	
W/E Central/E (n=727)	18.5	[15.5, 21.8]	73.6	[69.7, 77.2]	3.8	[2.6, 5.6]	3.4	[1.8, 6.1]	0.8	[0.4, 1.7]	0.0		100.0	
S Central/SW/SE (n=429)	26.5	[22.0, 31.6]	61.7	[56.2, 66.9]	9.4	[6.4, 13.6]	2.0	[0.7, 5.1]	0.4	[0.1, 1.4]	0.0		100.0	
Detroit Metro (n=650)	17.3	[13.9, 21.2]	71.7	[67.0, 75.9]	6.9	[4.7, 10.0]	2.8	[1.4, 5.5]	1.3	[0.7, 2.4]	0.1	[0.0, 0.9]	100.0	
Pearson: Uncorrected chi2(15) =	56.4459													
Design-based F(10.67, 23631.89) =	3.3436	Pr =	0.000											
Chronic condition (2016/2017 survey or DW)														
Yes (n=1,830)	20.6	[18.3, 23.0]	70.4	[67.6, 73.1]	5.2	[4.0, 6.8]	2.6	[1.6, 4.2]	1.1	[0.7, 1.8]	0.1	[0.0, 0.5]	100.0	
No (n=396)	20.2	[15.8, 25.3]	66.8	[60.8, 72.4]	9.6	[6.2, 14.7]	2.8	[1.3, 5.8]	0.6	[0.2, 1.6]	0.0		100.0	
Pearson: Uncorrected chi2(5) =	13.3402													
Design-based F(4.48, 9920.86) =	1.7080	Pr =	0.137											
Total (n=2,226)	20.5	[18.5, 22.7]	69.7	[67.2, 72.1]	6.1	[4.9, 7.7]	2.6	[1.7, 4.0]	1.0	[0.6, 1.5]	0.1	[0.0, 0.4]	100.0	

Note: Total count is less than universe count due to item non-response.

5.1.2 Regular source of care in last 12 months, detailed

Follow-up group(s): Still enrolled

Universe: All respondents

	Regular source of care in last 12 months, detailed								Total Row%
	Doctor/Clinic Row%	95%CI	Urgent care/Walk-in clinic Row%	95%CI	Emergency room Row%	95%CI	None Row%	95%CI	
Follow-up group									
Still enrolled (n=2,329)	85.4	[83.3, 87.3]	5.8	[4.6, 7.2]	2.5	[1.6, 3.8]	6.3	[5.2, 7.8]	100.0
Pearson: Uncorrected chi2(0) =	.								
Design-based F(., .) =	.	Pr =	.						
Age									
19-34 (n=641)	81.3	[77.2, 84.8]	6.6	[4.7, 9.2]	4.1	[2.3, 7.2]	8.0	[5.8, 11.0]	100.0
35-50 (n=750)	84.9	[80.9, 88.1]	6.3	[4.2, 9.5]	2.4	[1.2, 4.6]	6.4	[4.5, 9.1]	100.0
51-64 (n=938)	91.1	[88.4, 93.2]	4.1	[2.6, 6.3]	0.6	[0.2, 1.8]	4.2	[2.9, 6.0]	100.0
Pearson: Uncorrected chi2(6) =	35.2145								
Design-based F(5.57, 12900.10) =	3.2927	Pr =	0.004						
Gender									
Male (n=905)	80.7	[77.0, 84.0]	6.1	[4.3, 8.6]	3.7	[2.1, 6.3]	9.5	[7.3, 12.2]	100.0
Female (n=1,424)	89.3	[86.9, 91.3]	5.5	[4.1, 7.4]	1.5	[0.8, 2.7]	3.7	[2.6, 5.2]	100.0
Pearson: Uncorrected chi2(3) =	46.8337								
Design-based F(2.95, 6842.14) =	8.0648	Pr =	0.000						
Race/ethnicity									
White, non-Hispanic (n=1,569)	87.7	[85.4, 89.7]	4.7	[3.6, 6.2]	1.3	[0.7, 2.6]	6.3	[4.9, 8.1]	100.0
Black, non-Hispanic (n=466)	80.8	[75.2, 85.3]	8.7	[5.7, 13.0]	5.5	[3.0, 9.8]	5.0	[2.9, 8.5]	100.0
Hispanic (n=98)	83.9	[72.4, 91.2]	3.0	[0.4, 18.3]	3.7	[1.1, 11.3]	9.4	[4.4, 18.8]	100.0
Other, non-Hispanic (n=168)	84.2	[76.6, 89.7]	5.1	[2.5, 10.1]	1.0	[0.2, 4.0]	9.7	[5.4, 16.8]	100.0
Pearson: Uncorrected chi2(9) =	55.1321								
Design-based F(8.14, 18634.72) =	3.1502	Pr =	0.001						
FPL category									
0-35% (n=973)	84.7	[81.4, 87.5]	5.6	[3.9, 8.0]	3.2	[1.9, 5.4]	6.5	[4.9, 8.7]	100.0
36-99% (n=802)	87.9	[84.7, 90.4]	5.7	[4.1, 7.9]	0.9	[0.3, 2.1]	5.6	[3.8, 8.2]	100.0
100%+ (n=554)	83.9	[79.4, 87.6]	6.5	[4.3, 9.7]	2.7	[1.2, 6.0]	6.8	[4.5, 10.3]	100.0
Pearson: Uncorrected chi2(6) =	10.9039								
Design-based F(5.70, 13209.20) =	1.1465	Pr =	0.333						
Region									
UP/NW/NE (n=439)	89.3	[85.6, 92.2]	3.8	[2.3, 6.3]	0.8	[0.2, 2.3]	6.2	[4.0, 9.3]	100.0
W/E Central/E (n=758)	87.4	[84.2, 90.1]	3.6	[2.4, 5.3]	3.2	[1.7, 5.8]	5.8	[4.1, 8.1]	100.0
S Central/SW/SE (n=457)	81.8	[76.9, 85.9]	8.7	[5.9, 12.7]	1.8	[0.7, 4.7]	7.6	[5.1, 11.3]	100.0
Detroit Metro (n=675)	84.6	[80.6, 87.9]	6.5	[4.4, 9.5]	2.6	[1.3, 5.3]	6.2	[4.3, 9.0]	100.0
Pearson: Uncorrected chi2(9) =	21.7452								
Design-based F(7.25, 16806.90) =	1.6611	Pr =	0.111						
Chronic condition (2016/2017 survey or DW)									
Yes (n=1,882)	88.0	[85.8, 90.0]	5.1	[3.9, 6.6]	2.5	[1.5, 4.1]	4.4	[3.3, 5.8]	100.0
No (n=447)	75.8	[70.2, 80.6]	8.4	[5.4, 12.9]	2.4	[1.1, 5.1]	13.4	[9.9, 17.9]	100.0
Pearson: Uncorrected chi2(3) =	65.8187								
Design-based F(2.98, 6901.25) =	11.0397	Pr =	0.000						
Total (n=2,329)	85.4	[83.3, 87.3]	5.8	[4.6, 7.2]	2.5	[1.6, 3.8]	6.3	[5.2, 7.8]	100.0

Note: Respondents were coded as "none" if they reported no regular source of care or "NA."

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

Follow-up group(s): Still enrolled

Universe: Respondents who had a regular source of care that was a clinic/doctor's office in last 12 months (n = 2,083)

	Regular source of care is HMP PCP						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,083)	96.7	[95.4, 97.6]	3.0	[2.1, 4.3]	0.3	[0.1, 0.8]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=543)	94.8	[91.5, 96.9]	4.6	[2.7, 7.9]	0.6	[0.2, 2.1]	100.0
35-50 (n=663)	97.8	[96.1, 98.7]	2.0	[1.1, 3.6]	0.2	[0.0, 1.4]	100.0
51-64 (n=877)	97.5	[95.7, 98.5]	2.4	[1.4, 4.2]	0.1	[0.0, 0.4]	100.0
Pearson: Uncorrected chi2(4) =	12.4809						
Design-based F(3.40, 7051.08) =	2.3689	Pr =	0.061				
Gender							
Male (n=768)	96.8	[94.2, 98.2]	2.9	[1.6, 5.5]	0.3	[0.0, 1.9]	100.0
Female (n=1,315)	96.6	[95.1, 97.6]	3.1	[2.1, 4.5]	0.3	[0.1, 0.9]	100.0
Pearson: Uncorrected chi2(2) =	0.0913						
Design-based F(1.99, 4116.32) =	0.0220	Pr =	0.978				
Race/ethnicity							
White, non-Hispanic (n=1,415)	96.4	[94.5, 97.7]	3.2	[2.0, 5.1]	0.4	[0.1, 1.3]	100.0
Black, non-Hispanic (n=405)	97.0	[94.6, 98.4]	2.8	[1.5, 5.3]	0.1	[0.0, 0.8]	100.0
Hispanic (n=88)	97.9	[91.6, 99.5]	2.1	[0.5, 8.4]	0.0		100.0
Other, non-Hispanic (n=150)	97.6	[93.3, 99.2]	1.8	[0.5, 6.0]	0.6	[0.1, 4.2]	100.0
Pearson: Uncorrected chi2(6) =	3.0192						
Design-based F(5.43, 11108.04) =	0.3881	Pr =	0.871				
FPL category							
0-35% (n=858)	97.1	[95.4, 98.2]	2.6	[1.6, 4.1]	0.3	[0.1, 1.4]	100.0
36-99% (n=733)	97.0	[93.1, 98.7]	2.9	[1.2, 6.8]	0.1	[0.0, 0.4]	100.0
100%+ (n=492)	94.9	[91.8, 96.9]	4.6	[2.8, 7.7]	0.5	[0.1, 2.0]	100.0
Pearson: Uncorrected chi2(4) =	5.1635						
Design-based F(3.01, 6227.05) =	0.8636	Pr =	0.459				
Region							
UP/NW/NE (n=401)	96.9	[93.8, 98.4]	3.0	[1.5, 6.1]	0.1	[0.0, 1.0]	100.0
W/E Central/E (n=692)	96.9	[94.9, 98.1]	2.5	[1.5, 4.2]	0.6	[0.1, 2.5]	100.0
S Central/SW/SE (n=392)	96.6	[93.7, 98.2]	3.1	[1.6, 6.1]	0.3	[0.1, 1.2]	100.0
Detroit Metro (n=598)	96.5	[93.8, 98.1]	3.4	[1.8, 6.1]	0.1	[0.0, 0.9]	100.0
Pearson: Uncorrected chi2(6) =	4.1272						
Design-based F(4.76, 9849.89) =	0.6233	Pr =	0.674				
Chronic condition (2016/2017 survey or DW)							
Yes (n=1,723)	96.8	[95.4, 97.8]	2.8	[1.9, 4.2]	0.4	[0.1, 1.0]	100.0
No (n=360)	96.0	[92.5, 97.9]	4.0	[2.1, 7.5]	0.0		100.0
Pearson: Uncorrected chi2(2) =	3.1177						
Design-based F(1.99, 4119.84) =	0.9056	Pr =	0.404				
Total (n=2,083)	96.7	[95.4, 97.6]	3.0	[2.1, 4.3]	0.3	[0.1, 0.8]	100.0

5.1.3 Has a primary care provider for Healthy Michigan Plan

Follow-up group(s): Still enrolled

Universe: All respondents

	Yes		No		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,388)	93.9	[92.3, 95.1]	6.0	[4.8, 7.6]	0.1	[0.0, 0.4]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=664)	91.9	[88.5, 94.3]	8.1	[5.6, 11.4]	0.1	[0.0, 0.5]	100.0
35-50 (n=760)	94.0	[91.0, 96.0]	5.9	[3.8, 8.9]	0.2	[0.0, 1.2]	100.0
51-64 (n=964)	96.3	[94.7, 97.4]	3.6	[2.5, 5.2]	0.0	[0.0, 0.3]	100.0
Pearson: Uncorrected chi2(4) =	13.9345						
Design-based F(2.92, 6931.39) =	2.8684	Pr =	0.037				
Gender							
Male (n=933)	91.2	[88.2, 93.5]	8.8	[6.5, 11.8]	0.0		100.0
Female (n=1,455)	96.1	[94.7, 97.2]	3.7	[2.6, 5.1]	0.2	[0.0, 0.7]	100.0
Pearson: Uncorrected chi2(2) =	28.9371						
Design-based F(1.87, 4444.14) =	10.1805	Pr =	0.000				
Race/ethnicity							
White, non-Hispanic (n=1,603)	95.1	[93.4, 96.3]	4.8	[3.5, 6.4]	0.1	[0.0, 0.6]	100.0
Black, non-Hispanic (n=479)	90.9	[86.2, 94.1]	9.0	[5.8, 13.7]	0.1	[0.0, 0.7]	100.0
Hispanic (n=100)	94.6	[87.0, 97.9]	5.4	[2.1, 13.0]	0.0		100.0
Other, non-Hispanic (n=176)	93.9	[88.2, 96.9]	6.1	[3.1, 11.8]	0.0		100.0
Pearson: Uncorrected chi2(6) =	14.2985						
Design-based F(5.26, 12342.10) =	1.5964	Pr =	0.154				
FPL category							
0-35% (n=1,001)	93.0	[90.4, 95.0]	6.9	[4.9, 9.5]	0.1	[0.0, 0.7]	100.0
36-99% (n=824)	95.1	[93.0, 96.6]	4.9	[3.4, 7.0]	0.1	[0.0, 0.4]	100.0
100%+ (n=563)	94.8	[92.0, 96.7]	5.0	[3.2, 7.9]	0.1	[0.0, 1.0]	100.0
Pearson: Uncorrected chi2(4) =	4.1217						
Design-based F(3.30, 7842.07) =	0.9859	Pr =	0.404				
Region							
UP/NW/NE (n=450)	96.3	[93.4, 97.9]	3.7	[2.1, 6.6]	0.0		100.0
W/E Central/E (n=777)	95.5	[93.2, 97.1]	4.3	[2.7, 6.6]	0.2	[0.0, 1.4]	100.0
S Central/SW/SE (n=464)	91.1	[87.4, 93.8]	8.7	[6.0, 12.4]	0.2	[0.1, 0.9]	100.0
Detroit Metro (n=697)	93.4	[90.2, 95.5]	6.6	[4.5, 9.8]	0.0		100.0
Pearson: Uncorrected chi2(6) =	14.4025						
Design-based F(4.37, 10380.05) =	2.1803	Pr =	0.063				
Chronic condition (2016/2017 survey or DW)							
Yes (n=1,931)	94.8	[93.1, 96.1]	5.0	[3.8, 6.8]	0.1	[0.0, 0.5]	100.0
No (n=457)	90.5	[86.3, 93.5]	9.5	[6.5, 13.7]	0.0		100.0
Pearson: Uncorrected chi2(2) =	14.9109						
Design-based F(1.81, 4305.76) =	4.8199	Pr =	0.010				
Total (n=2,388)	93.9	[92.3, 95.1]	6.0	[4.8, 7.6]	0.1	[0.0, 0.4]	100.0

5.2 Q: Is this the same primary care provider you had when we talked with you last year?

Follow-up group(s): Still enrolled

Universe: Respondents who indicated they have a PCP (n = 2,276)

	Same PCP as last year						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,274)	82.6	[80.5, 84.5]	15.6	[13.8, 17.6]	1.8	[1.3, 2.6]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=621)	79.0	[74.8, 82.6]	18.2	[14.8, 22.3]	2.8	[1.7, 4.7]	100.0
35-50 (n=724)	84.1	[80.7, 87.1]	14.2	[11.3, 17.5]	1.7	[0.9, 3.1]	100.0
51-64 (n=929)	85.0	[81.9, 87.7]	14.1	[11.5, 17.2]	0.9	[0.4, 1.9]	100.0
Pearson: Uncorrected chi2(4) =	15.3821						
Design-based F(3.85, 8700.52) =	2.7713	Pr =	0.027				
Gender							
Male (n=872)	81.8	[78.2, 84.9]	16.4	[13.4, 19.9]	1.9	[1.1, 3.1]	100.0
Female (n=1,402)	83.2	[80.8, 85.5]	14.9	[12.8, 17.3]	1.8	[1.1, 3.0]	100.0
Pearson: Uncorrected chi2(2) =	0.9020						
Design-based F(1.98, 4477.93) =	0.2957	Pr =	0.742				
Race/ethnicity							
White, non-Hispanic (n=1,539)	81.3	[78.7, 83.7]	16.5	[14.2, 19.1]	2.2	[1.4, 3.3]	100.0
Black, non-Hispanic (n=446)	85.0	[80.2, 88.8]	14.5	[10.8, 19.3]	0.4	[0.1, 1.5]	100.0
Hispanic (n=95)	82.4	[72.5, 89.2]	15.3	[9.1, 24.8]	2.3	[0.6, 9.2]	100.0
Other, non-Hispanic (n=165)	85.1	[78.3, 90.0]	11.4	[7.3, 17.3]	3.5	[1.3, 8.9]	100.0
Pearson: Uncorrected chi2(6) =	14.2349						
Design-based F(5.73, 12797.87) =	1.6552	Pr =	0.131				
FPL category							
0-35% (n=945)	83.1	[79.9, 85.8]	15.2	[12.6, 18.2]	1.7	[1.0, 3.0]	100.0
36-99% (n=791)	82.8	[79.3, 85.8]	15.6	[12.7, 19.1]	1.6	[0.9, 2.9]	100.0
100%+ (n=538)	80.7	[76.5, 84.3]	16.7	[13.3, 20.7]	2.6	[1.4, 4.7]	100.0
Pearson: Uncorrected chi2(4) =	2.3464						
Design-based F(3.87, 8757.81) =	0.4676	Pr =	0.753				
Region							
UP/NW/NE (n=436)	79.2	[74.4, 83.4]	18.7	[14.8, 23.5]	2.0	[1.0, 4.2]	100.0
W/E Central/E (n=748)	80.2	[76.7, 83.4]	17.0	[14.1, 20.4]	2.8	[1.7, 4.6]	100.0
S Central/SW/SE (n=427)	83.6	[79.1, 87.2]	15.0	[11.6, 19.3]	1.4	[0.6, 3.6]	100.0
Detroit Metro (n=663)	84.6	[80.8, 87.7]	14.1	[11.1, 17.8]	1.3	[0.6, 2.8]	100.0
Pearson: Uncorrected chi2(6) =	10.0790						
Design-based F(5.33, 12060.37) =	1.3550	Pr =	0.235				
Chronic condition (2016/2017 survey or DW)							
Yes (n=1,854)	83.0	[80.7, 85.0]	15.5	[13.5, 17.7]	1.6	[1.0, 2.4]	100.0
No (n=420)	81.1	[75.9, 85.4]	15.9	[11.9, 21.0]	2.9	[1.6, 5.2]	100.0
Pearson: Uncorrected chi2(2) =	4.1346						
Design-based F(1.95, 4401.83) =	1.3081	Pr =	0.270				
Total (n=2,274)	82.6	[80.5, 84.5]	15.6	[13.8, 17.6]	1.8	[1.3, 2.6]	100.0

Note: Total count is less than universe count due to item non-response.

5.2.1 Q: Why did you change?

Follow-up group(s): Still enrolled

Universe: Respondents who do not have the same PCP as last year (n = 349)

	Wanted new PCP		Office closed/moved		PCP retired		Reason for changing PCP No longer accepts Medicaid		Switched plans		Other		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	
Follow-up group															
Still enrolled (n=348)	32.5	[26.5, 39.1]	19.0	[14.8, 24.1]	10.2	[6.7, 15.2]	7.3	[4.4, 11.6]	7.1	[4.3, 11.5]	22.7	[17.4, 29.0]	1.2	[0.5, 3.2]	100.0
Pearson: Uncorrected chi2(0) =	.														
Design-based F(., .) =	.	Pr =	.												
Age															
19-34 (n=115)	32.5	[22.7, 44.1]	16.9	[10.4, 26.2]	5.8	[3.0, 10.9]	9.2	[4.6, 17.6]	10.0	[5.0, 19.2]	25.5	[16.6, 37.2]	0.0		100.0
35-50 (n=111)	33.8	[24.0, 45.4]	17.5	[10.9, 27.0]	16.1	[8.0, 29.8]	3.9	[1.2, 12.4]	3.8	[1.0, 12.8]	22.8	[15.3, 32.7]	2.0	[0.6, 6.3]	100.0
51-64 (n=122)	30.9	[21.5, 42.2]	24.0	[16.6, 33.2]	10.0	[5.9, 16.5]	8.2	[3.5, 18.0]	6.7	[3.0, 14.2]	18.0	[10.2, 29.9]	2.2	[0.5, 9.8]	100.0
Pearson: Uncorrected chi2(12) =	18.7211														
Design-based F(11.33, 3806.29) =	1.1211	Pr =	0.339												
Gender															
Male (n=135)	30.0	[20.7, 41.4]	14.5	[9.4, 21.7]	8.2	[3.7, 17.4]	8.9	[4.4, 17.2]	7.1	[3.1, 15.5]	29.9	[20.6, 41.2]	1.3	[0.3, 5.8]	100.0
Female (n=213)	34.6	[27.4, 42.6]	23.0	[17.0, 30.3]	12.0	[7.5, 18.6]	5.8	[3.0, 11.0]	7.2	[3.9, 12.7]	16.3	[11.4, 22.6]	1.2	[0.4, 3.8]	100.0
Pearson: Uncorrected chi2(6) =	13.3512														
Design-based F(5.76, 1936.11) =	1.4453	Pr =	0.196												
Race/ethnicity															
White, non-Hispanic (n=238)	27.5	[21.1, 35.0]	24.3	[18.4, 31.4]	8.7	[5.7, 12.9]	9.4	[5.4, 15.8]	6.3	[3.2, 11.9]	23.1	[16.3, 31.5]	0.8	[0.2, 3.1]	100.0
Black, non-Hispanic (n=61)	38.9	[24.4, 55.7]	10.3	[4.9, 20.2]	14.8	[5.5, 33.9]	5.4	[1.9, 14.9]	7.7	[2.8, 19.5]	19.8	[10.8, 33.5]	3.1	[0.8, 10.8]	100.0
Hispanic (n=16)	43.8	[20.6, 70.1]	3.5	[0.5, 22.0]	18.0	[5.2, 46.6]	0.0		8.4	[1.2, 41.2]	26.3	[11.1, 50.5]	0.0		100.0
Other, non-Hispanic (n=26)	56.2	[35.3, 75.1]	5.9	[1.4, 22.1]	3.6	[0.8, 14.2]	0.0		14.7	[3.9, 42.7]	19.5	[8.2, 39.8]	0.0		100.0
Pearson: Uncorrected chi2(18) =	31.9279														
Design-based F(14.60, 4804.27) =	1.5087	Pr =	0.095												
FPL category															
0-35% (n=147)	36.0	[26.8, 46.4]	18.4	[12.4, 26.3]	10.2	[5.1, 19.6]	8.2	[4.1, 15.9]	5.1	[2.3, 11.3]	21.2	[13.8, 31.2]	0.8	[0.1, 5.7]	100.0
36-99% (n=116)	31.1	[21.8, 42.2]	25.2	[17.2, 35.3]	7.6	[4.4, 12.8]	3.7	[1.0, 12.6]	5.6	[2.1, 13.9]	25.3	[16.0, 37.4]	1.5	[0.3, 6.4]	100.0
100%+ (n=85)	24.7	[15.8, 36.5]	12.3	[6.7, 21.5]	13.9	[7.8, 23.5]	9.5	[4.6, 18.3]	14.7	[6.6, 29.5]	23.0	[14.5, 34.5]	1.9	[0.5, 7.3]	100.0
Pearson: Uncorrected chi2(12) =	17.2055														
Design-based F(11.09, 3727.30) =	1.1365	Pr =	0.327												
Region															
UP/NW/NE (n=75)	26.8	[16.7, 40.0]	33.2	[21.8, 47.0]	17.5	[9.6, 29.8]	1.9	[0.4, 7.9]	0.0		18.2	[10.9, 28.8]	2.4	[0.3, 15.3]	100.0
W/E Central/E (n=119)	23.6	[16.1, 33.2]	21.6	[14.4, 31.1]	12.6	[7.7, 20.0]	4.4	[1.3, 13.6]	14.1	[7.6, 24.6]	22.4	[15.1, 31.9]	1.3	[0.2, 9.1]	100.0
S Central/SW/SE (n=61)	37.0	[24.6, 51.2]	22.5	[12.9, 36.2]	3.6	[1.1, 11.2]	8.2	[2.5, 23.3]	2.8	[0.6, 11.8]	23.6	[13.9, 37.2]	2.3	[0.6, 8.8]	100.0
Detroit Metro (n=93)	39.6	[27.9, 52.6]	11.4	[6.1, 20.4]	8.9	[3.2, 22.1]	10.8	[5.6, 19.7]	5.2	[2.0, 12.7]	23.8	[14.0, 37.3]	0.3	[0.0, 2.5]	100.0
Pearson: Uncorrected chi2(18) =	40.3714														
Design-based F(14.95, 5021.53) =	1.8668	Pr =	0.022												
Chronic condition (2016/2017 survey or DW)															
Yes (n=289)	34.2	[27.5, 41.5]	18.8	[14.1, 24.6]	10.2	[6.6, 15.5]	8.2	[4.8, 13.6]	7.7	[4.5, 12.8]	19.6	[14.6, 25.8]	1.4	[0.5, 3.9]	100.0
No (n=59)	26.2	[15.1, 41.6]	19.9	[11.3, 32.7]	10.4	[3.4, 27.6]	3.6	[1.2, 10.8]	5.1	[1.3, 18.3]	34.1	[20.0, 51.6]	0.7	[0.1, 4.6]	100.0
Pearson: Uncorrected chi2(6) =	8.9986														
Design-based F(5.17, 1737.36) =	1.0124	Pr =	0.410												
Total (n=348)	32.5	[26.5, 39.1]	19.0	[14.8, 24.1]	10.2	[6.7, 15.2]	7.3	[4.4, 11.6]	7.1	[4.3, 11.5]	22.7	[17.4, 29.0]	1.2	[0.5, 3.2]	100.0

Note: Total count is less than universe count due to item non-response.

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

Follow-up group(s): Still enrolled

Universe: All respondents

	PCP visit in past 12 months						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,272)	85.6	[83.4, 87.5]	13.8	[11.9, 15.9]	0.6	[0.2, 1.7]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=618)	80.6	[76.2, 84.3]	17.9	[14.4, 22.1]	1.5	[0.5, 4.6]	100.0
35-50 (n=724)	87.5	[83.4, 90.7]	12.4	[9.3, 16.5]	0.1	[0.0, 0.6]	100.0
51-64 (n=930)	89.3	[86.3, 91.7]	10.5	[8.1, 13.4]	0.2	[0.0, 1.1]	100.0
Pearson: Uncorrected chi2(4) =	35.5572						
Design-based F(3.49, 7879.43) =	5.9709	Pr =	0.000				
Gender							
Male (n=870)	82.5	[78.6, 85.8]	16.7	[13.5, 20.4]	0.8	[0.2, 3.9]	100.0
Female (n=1,402)	88.1	[85.6, 90.2]	11.5	[9.4, 13.9]	0.4	[0.2, 1.0]	100.0
Pearson: Uncorrected chi2(2) =	14.4879						
Design-based F(1.96, 4419.45) =	3.1401	Pr =	0.045				
Race/ethnicity							
White, non-Hispanic (n=1,535)	87.0	[84.3, 89.3]	12.1	[10.0, 14.6]	0.9	[0.3, 2.7]	100.0
Black, non-Hispanic (n=447)	86.1	[81.5, 89.7]	13.9	[10.3, 18.5]	0.0		100.0
Hispanic (n=95)	77.7	[62.1, 88.1]	21.5	[11.2, 37.3]	0.8	[0.1, 5.5]	100.0
Other, non-Hispanic (n=166)	80.7	[71.2, 87.7]	19.3	[12.3, 28.8]	0.0		100.0
Pearson: Uncorrected chi2(6) =	20.4406						
Design-based F(5.13, 11438.61) =	1.4994	Pr =	0.185				
FPL category							
0-35% (n=947)	86.4	[83.0, 89.2]	13.3	[10.6, 16.7]	0.3	[0.1, 0.7]	100.0
36-99% (n=790)	85.7	[82.0, 88.8]	12.9	[10.4, 16.1]	1.3	[0.3, 6.5]	100.0
100%+ (n=535)	82.9	[78.1, 86.8]	16.4	[12.6, 21.2]	0.7	[0.2, 2.0]	100.0
Pearson: Uncorrected chi2(4) =	10.7863						
Design-based F(3.39, 7656.05) =	1.5394	Pr =	0.197				
Region							
UP/NW/NE (n=435)	88.8	[84.9, 91.8]	11.0	[8.0, 15.0]	0.1	[0.0, 0.9]	100.0
W/E Central/E (n=750)	87.3	[83.6, 90.2]	12.1	[9.2, 15.8]	0.6	[0.2, 1.6]	100.0
S Central/SW/SE (n=425)	83.8	[78.7, 87.9]	16.0	[11.9, 21.1]	0.2	[0.0, 1.6]	100.0
Detroit Metro (n=662)	84.4	[80.3, 87.8]	14.7	[11.5, 18.6]	0.9	[0.2, 3.9]	100.0
Pearson: Uncorrected chi2(6) =	8.2316						
Design-based F(4.53, 10233.46) =	1.0017	Pr =	0.411				
Chronic condition (2016/2017 survey or DW)							
Yes (n=1,856)	88.9	[86.6, 90.8]	10.6	[8.7, 12.7]	0.6	[0.2, 2.1]	100.0
No (n=416)	73.2	[67.2, 78.4]	26.1	[20.8, 32.0]	0.8	[0.3, 2.0]	100.0
Pearson: Uncorrected chi2(2) =	76.1571						
Design-based F(2.00, 4510.58) =	19.8781	Pr =	0.000				
Total (n=2,272)	85.6	[83.4, 87.5]	13.8	[11.9, 15.9]	0.6	[0.2, 1.7]	100.0

Note: Total count is less than universe count due to item non-response.

5.3.1 Q: Why haven't you seen your primary care provider in the past 12 months?

Follow-up group(s): Still enrolled

Universe: Respondents who have not seen their PCP in the past 12 months (n = 264)

Reasons for not seeing PCP	Weighted Proportion	95%CI
Healthy/didn't need care (n=146)	57.0	[49.1, 64.6]
Other (n=50)	16.1	[11.6, 21.8]
Transportation/logistics (n=26)	11.7	[7.0, 18.9]
Difficulty getting appointment (n=18)	6.9	[4.0, 11.9]
See a specialist instead (n=18)	6.0	[3.5, 10.3]
Didn't like PCP/wanted a new doctor (n=10)	2.9	[1.4, 5.6]
Inconvenient hours (n=8)	2.5	[1.1, 5.5]
Don't know (n=1)	0.6	[0.1, 4.3]
Don't like doctors in general (n=1)	0.2	[0.0, 1.6]

Note: Respondents were able to provide multiple responses

5.4 Q: Since your Healthy Michigan Plan insurance ended, is there a place you usually go when you need a checkup, feel sick, or want advice about your health?

Follow-up group(s): No longer enrolled

Universe: All respondents

	Regular source of care since HMP coverage ended						Total Row%
	Yes		No		NA		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
No longer enrolled (n=708)	76.5	[72.1, 80.3]	15.6	[12.3, 19.5]	7.9	[5.7, 10.9]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=244)	69.4	[61.6, 76.3]	21.7	[15.6, 29.3]	8.9	[5.6, 13.8]	100.0
35-50 (n=209)	80.4	[73.3, 86.0]	13.4	[8.7, 20.1]	6.2	[3.4, 11.0]	100.0
51-64 (n=255)	83.0	[75.7, 88.4]	8.6	[5.5, 13.1]	8.5	[4.3, 16.0]	100.0
Pearson: Uncorrected chi2(4) =	18.6054						
Design-based F(3.83, 2663.22) =	3.0878	Pr =	0.017				
Gender							
Male (n=297)	77.3	[70.5, 82.9]	14.8	[10.1, 21.2]	7.9	[5.0, 12.3]	100.0
Female (n=411)	75.7	[69.9, 80.6]	16.4	[12.2, 21.5]	8.0	[5.0, 12.4]	100.0
Pearson: Uncorrected chi2(2) =	0.3246						
Design-based F(1.99, 1386.33) =	0.0934	Pr =	0.910				
Race/ethnicity							
White, non-Hispanic (n=455)	74.6	[68.9, 79.6]	16.1	[11.9, 21.5]	9.3	[6.3, 13.3]	100.0
Black, non-Hispanic (n=154)	85.8	[78.6, 90.8]	7.0	[4.1, 11.8]	7.2	[3.5, 14.1]	100.0
Hispanic (n=38)	68.1	[48.9, 82.6]	26.3	[13.7, 44.5]	5.6	[0.8, 30.5]	100.0
Other, non-Hispanic (n=52)	64.4	[46.4, 79.1]	32.7	[18.3, 51.3]	2.8	[0.4, 17.6]	100.0
Pearson: Uncorrected chi2(6) =	29.8013						
Design-based F(5.73, 3936.47) =	3.0158	Pr =	0.007				
FPL category							
0-35% (n=217)	76.1	[67.7, 82.9]	17.9	[11.8, 26.4]	5.9	[3.2, 10.8]	100.0
36-99% (n=259)	79.2	[72.5, 84.6]	11.7	[8.1, 16.8]	9.1	[5.3, 15.3]	100.0
100%+ (n=232)	73.7	[66.4, 79.8]	16.7	[12.0, 22.7]	9.6	[5.8, 15.6]	100.0
Pearson: Uncorrected chi2(4) =	6.3247						
Design-based F(3.81, 2653.71) =	1.0263	Pr =	0.390				
Region							
UP/NW/NE (n=124)	85.3	[77.1, 90.9]	6.7	[3.3, 13.0]	8.0	[4.0, 15.4]	100.0
W/E Central/E (n=203)	79.0	[72.0, 84.7]	14.8	[10.2, 21.0]	6.2	[3.1, 11.8]	100.0
S Central/SW/SE (n=169)	75.8	[66.7, 83.1]	14.2	[8.6, 22.5]	10.0	[5.6, 17.2]	100.0
Detroit Metro (n=212)	72.9	[64.4, 80.0]	19.1	[12.9, 27.2]	8.0	[4.5, 13.8]	100.0
Pearson: Uncorrected chi2(6) =	8.6350						
Design-based F(5.28, 3672.62) =	1.0761	Pr =	0.372				
Chronic condition (2016/2017 survey or DW)							
Yes (n=538)	80.6	[76.1, 84.4]	11.4	[8.6, 14.9]	8.1	[5.5, 11.7]	100.0
No (n=170)	66.0	[56.0, 74.8]	26.4	[18.2, 36.5]	7.6	[4.0, 13.8]	100.0
Pearson: Uncorrected chi2(2) =	24.7480						
Design-based F(1.99, 1385.75) =	7.1371	Pr =	0.001				
Total (n=708)	76.5	[72.1, 80.3]	15.6	[12.3, 19.5]	7.9	[5.7, 10.9]	100.0

Note: Total count is less than universe count due to item non-response.

5.4.1 Q: What kind of a place is it?

Follow-up group(s): No longer enrolled

Universe: Respondents who have a regular source of care since HMP coverage ended (n = 565)

	Clinic		Doctor's office		Regular source of care since HMP coverage ended				Other		Total Row%
	Row%	95%CI	Row%	95%CI	Urgent care/Walk-in clinic Row%	95%CI	Emergency room Row%	95%CI	Row%	95%CI	
Follow-up group											
No longer enrolled (n=565)	21.2	[17.0, 26.3]	62.5	[57.3, 67.5]	7.9	[5.4, 11.3]	5.7	[3.8, 8.5]	2.6	[1.3, 5.1]	100.0
Pearson: Uncorrected chi2(0) =		
Design-based F(., .) =	.	Pr =		
Age											
19-34 (n=174)	24.0	[16.4, 33.6]	56.8	[47.3, 65.8]	8.2	[4.6, 14.2]	8.7	[5.2, 14.3]	2.4	[0.6, 8.7]	100.0
35-50 (n=171)	20.0	[13.3, 28.9]	62.3	[52.9, 70.8]	11.0	[5.9, 19.5]	4.1	[1.6, 9.6]	2.7	[0.9, 7.4]	100.0
51-64 (n=220)	19.1	[13.1, 27.0]	70.3	[62.0, 77.4]	4.0	[2.2, 7.3]	3.7	[1.5, 8.9]	2.9	[1.0, 8.6]	100.0
Pearson: Uncorrected chi2(8) =	15.0294										
Design-based F(7.56, 4178.41) =	1.1877	Pr =	0.304								
Gender											
Male (n=236)	23.3	[16.6, 31.7]	55.3	[47.1, 63.2]	7.7	[4.3, 13.5]	8.8	[5.5, 13.8]	4.9	[2.4, 9.8]	100.0
Female (n=329)	19.2	[14.4, 25.1]	69.9	[63.5, 75.6]	8.0	[5.1, 12.6]	2.6	[1.2, 5.3]	0.3	[0.0, 2.0]	100.0
Pearson: Uncorrected chi2(4) =	27.0664										
Design-based F(3.69, 2038.19) =	4.9382	Pr =	0.001								
Race/ethnicity											
White, non-Hispanic (n=363)	17.5	[13.1, 22.8]	71.7	[65.8, 77.0]	4.8	[3.1, 7.3]	3.8	[2.1, 6.8]	2.2	[0.8, 6.2]	100.0
Black, non-Hispanic (n=129)	27.1	[17.5, 39.5]	49.4	[38.6, 60.2]	10.6	[5.3, 20.1]	8.9	[4.7, 16.2]	4.0	[1.5, 10.2]	100.0
Hispanic (n=27)	41.5	[21.7, 64.5]	31.9	[15.5, 54.4]	26.7	[9.4, 55.9]	0.0		0.0		100.0
Other, non-Hispanic (n=39)	15.8	[6.4, 34.0]	68.6	[50.6, 82.4]	7.1	[2.5, 18.4]	8.5	[2.6, 24.5]	0.0		100.0
Pearson: Uncorrected chi2(12) =	52.7812										
Design-based F(11.00, 6005.83) =	2.8714	Pr =	0.001								
FPL category											
0-35% (n=177)	24.7	[16.9, 34.8]	56.9	[47.3, 66.1]	7.5	[3.3, 16.0]	6.7	[3.6, 12.3]	4.1	[1.8, 8.7]	100.0
36-99% (n=211)	21.9	[15.8, 29.4]	64.3	[56.5, 71.4]	8.8	[5.7, 13.4]	4.4	[2.0, 9.2]	0.7	[0.1, 4.7]	100.0
100%+ (n=177)	14.9	[9.6, 22.4]	69.0	[60.2, 76.7]	7.2	[4.3, 12.0]	5.9	[3.0, 11.4]	2.9	[0.6, 13.0]	100.0
Pearson: Uncorrected chi2(8) =	12.2801										
Design-based F(7.22, 3994.55) =	0.9826	Pr =	0.443								
Region											
UP/NW/NE (n=106)	26.4	[18.1, 36.9]	61.4	[50.6, 71.2]	11.1	[6.0, 19.4]	0.0		1.1	[0.2, 7.7]	100.0
W/E Central/E (n=162)	18.1	[12.1, 26.1]	68.9	[60.0, 76.6]	5.1	[2.5, 10.1]	5.0	[2.2, 10.9]	3.0	[0.7, 11.0]	100.0
S Central/SW/SE (n=137)	16.9	[11.0, 25.0]	65.6	[55.7, 74.2]	5.5	[2.8, 10.6]	9.2	[4.9, 16.5]	2.8	[1.0, 7.7]	100.0
Detroit Metro (n=160)	25.0	[16.6, 35.9]	55.9	[45.9, 65.4]	10.7	[5.7, 19.2]	5.7	[2.9, 11.2]	2.6	[0.8, 8.1]	100.0
Pearson: Uncorrected chi2(12) =	18.9699										
Design-based F(10.48, 5796.56) =	1.2107	Pr =	0.276								
Chronic condition (2016/2017 survey or DW)											
Yes (n=447)	21.1	[16.3, 27.0]	64.2	[58.2, 69.9]	7.2	[4.7, 11.1]	4.1	[2.5, 6.9]	3.2	[1.6, 6.5]	100.0
No (n=118)	21.6	[13.7, 32.3]	57.2	[46.0, 67.7]	9.9	[4.9, 18.9]	10.7	[5.7, 19.2]	0.7	[0.1, 4.8]	100.0
Pearson: Uncorrected chi2(4) =	12.1110										
Design-based F(3.82, 2113.64) =	1.9900	Pr =	0.097								
Total (n=565)	21.2	[17.0, 26.3]	62.5	[57.3, 67.5]	7.9	[5.4, 11.3]	5.7	[3.8, 8.5]	2.6	[1.3, 5.1]	100.0

5.4.2 Regular source of care since HMP coverage ended, detailed

Follow-up group(s): No longer enrolled

Universe: All respondents

	Regular source of care since HMP coverage ended, detailed								Total Row%
	Doctor/Clinic Row%	95%CI	Urgent care/Walk-in clinic Row%	95%CI	Emergency room Row%	95%CI	None Row%	95%CI	
Follow-up group									
No longer enrolled (n=697)	65.4	[60.8, 69.8]	6.1	[4.2, 8.8]	4.5	[3.0, 6.6]	24.0	[20.1, 28.4]	100.0
Pearson: Uncorrected chi2(0) =	.								
Design-based F(., .) =	.	Pr =	.						
Age									
19-34 (n=241)	57.0	[49.0, 64.6]	5.8	[3.3, 10.1]	6.1	[3.6, 10.2]	31.1	[24.1, 39.0]	100.0
35-50 (n=205)	67.8	[59.5, 75.2]	8.8	[4.7, 16.0]	3.3	[1.4, 8.0]	20.0	[14.3, 27.3]	100.0
51-64 (n=251)	76.0	[68.4, 82.2]	3.4	[1.8, 6.2]	3.2	[1.3, 7.6]	17.4	[11.9, 24.9]	100.0
Pearson: Uncorrected chi2(6) =	25.6249								
Design-based F(5.69, 3900.91) =	3.0077	Pr =	0.007						
Gender									
Male (n=287)	63.1	[55.7, 69.9]	6.2	[3.4, 11.0]	7.1	[4.4, 11.2]	23.6	[17.8, 30.6]	100.0
Female (n=410)	67.7	[61.8, 73.1]	5.9	[3.7, 9.5]	2.0	[0.9, 4.0]	24.4	[19.4, 30.2]	100.0
Pearson: Uncorrected chi2(3) =	10.8126								
Design-based F(2.89, 1980.69) =	2.4029	Pr =	0.068						
Race/ethnicity									
White, non-Hispanic (n=450)	67.8	[62.0, 73.1]	3.5	[2.3, 5.4]	2.9	[1.6, 5.2]	25.8	[20.7, 31.6]	100.0
Black, non-Hispanic (n=149)	67.9	[58.2, 76.3]	9.4	[4.7, 18.0]	7.9	[4.2, 14.4]	14.7	[9.5, 22.1]	100.0
Hispanic (n=38)	49.9	[31.6, 68.2]	18.1	[6.2, 42.6]	0.0		31.9	[17.4, 51.1]	100.0
Other, non-Hispanic (n=52)	54.4	[38.0, 69.9]	4.5	[1.6, 12.2]	5.5	[1.6, 16.7]	35.6	[20.9, 53.6]	100.0
Pearson: Uncorrected chi2(9) =	41.3492								
Design-based F(8.29, 5610.15) =	3.1981	Pr =	0.001						
FPL category									
0-35% (n=209)	64.2	[55.3, 72.2]	5.9	[2.6, 12.8]	5.3	[2.8, 9.7]	24.6	[17.6, 33.3]	100.0
36-99% (n=258)	68.6	[61.5, 74.8]	7.0	[4.5, 10.7]	3.5	[1.6, 7.3]	20.9	[15.5, 27.7]	100.0
100%+ (n=230)	63.4	[55.9, 70.4]	5.2	[3.0, 8.8]	4.5	[2.2, 8.8]	26.9	[20.7, 34.2]	100.0
Pearson: Uncorrected chi2(6) =	3.6592								
Design-based F(5.45, 3731.19) =	0.4264	Pr =	0.845						
Region									
UP/NW/NE (n=123)	75.6	[66.3, 83.0]	9.5	[5.2, 16.8]	0.0		14.8	[9.2, 23.1]	100.0
W/E Central/E (n=200)	70.7	[63.0, 77.3]	3.8	[1.8, 8.0]	4.0	[1.8, 8.9]	21.5	[15.7, 28.6]	100.0
S Central/SW/SE (n=165)	63.9	[54.4, 72.4]	4.3	[2.2, 8.2]	7.1	[3.8, 12.9]	24.7	[17.3, 34.0]	100.0
Detroit Metro (n=209)	60.1	[51.4, 68.3]	8.0	[4.2, 14.5]	4.3	[2.1, 8.4]	27.6	[20.4, 36.2]	100.0
Pearson: Uncorrected chi2(9) =	18.1481								
Design-based F(8.13, 5569.55) =	1.6375	Pr =	0.107						
Chronic condition (2016/2017 survey or DW)									
Yes (n=528)	70.7	[65.7, 75.3]	5.9	[3.8, 9.1]	3.4	[2.0, 5.7]	20.0	[16.1, 24.5]	100.0
No (n=169)	52.3	[42.7, 61.7]	6.5	[3.2, 12.8]	7.1	[3.7, 13.0]	34.1	[25.3, 44.2]	100.0
Pearson: Uncorrected chi2(3) =	23.6728								
Design-based F(2.96, 2027.96) =	4.7778	Pr =	0.003						
Total (n=697)	65.4	[60.8, 69.8]	6.1	[4.2, 8.8]	4.5	[3.0, 6.6]	24.0	[20.1, 28.4]	100.0

Note: Respondents were coded as "none" if they reported no regular source of care or "NA." Total count is less than universe count due to item non-response.

5.4.2.1 Q: Is this the same place as your Healthy Michigan Plan primary care provider?

Follow-up group(s): No longer enrolled

Universe: Respondents who have a regular source of care that is a clinic/doctor's office since HMP coverage ended (n = 478)

	Regular source of care since HMP coverage ended is same HMP PCP						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
No longer enrolled (n=478)	78.7	[73.6, 83.1]	20.0	[15.7, 25.0]	1.3	[0.5, 3.1]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=135)	70.6	[60.4, 79.1]	29.0	[20.6, 39.2]	0.4	[0.1, 2.8]	100.0
35-50 (n=145)	82.4	[73.7, 88.7]	17.0	[10.8, 25.7]	0.6	[0.1, 4.2]	100.0
51-64 (n=198)	84.6	[76.1, 90.5]	12.4	[7.1, 20.6]	3.0	[1.0, 8.8]	100.0
Pearson: Uncorrected chi2(4) =	19.7722						
Design-based F(3.64, 1697.18) =	3.8741	Pr =	0.005				
Gender							
Male (n=188)	76.9	[68.2, 83.8]	21.3	[14.7, 29.9]	1.8	[0.5, 5.9]	100.0
Female (n=290)	80.4	[74.2, 85.4]	18.8	[13.8, 25.0]	0.8	[0.3, 2.7]	100.0
Pearson: Uncorrected chi2(2) =	1.3789						
Design-based F(1.90, 883.64) =	0.5098	Pr =	0.591				
Race/ethnicity							
White, non-Hispanic (n=320)	78.9	[72.5, 84.1]	19.0	[14.0, 25.3]	2.1	[0.9, 5.1]	100.0
Black, non-Hispanic (n=100)	81.2	[69.4, 89.1]	18.8	[10.9, 30.6]	0.0		100.0
Hispanic (n=21)	76.4	[49.0, 91.6]	23.6	[8.4, 51.0]	0.0		100.0
Other, non-Hispanic (n=32)	71.8	[49.8, 86.7]	28.2	[13.3, 50.2]	0.0		100.0
Pearson: Uncorrected chi2(6) =	5.6729						
Design-based F(5.82, 2685.25) =	0.6277	Pr =	0.703				
FPL category							
0-35% (n=149)	86.5	[79.0, 91.6]	11.4	[6.8, 18.5]	2.1	[0.6, 7.0]	100.0
36-99% (n=181)	76.3	[67.3, 83.4]	23.0	[15.9, 32.0]	0.7	[0.2, 2.9]	100.0
100%+ (n=148)	70.1	[58.8, 79.3]	29.1	[19.9, 40.5]	0.8	[0.1, 5.5]	100.0
Pearson: Uncorrected chi2(4) =	17.3004						
Design-based F(3.71, 1727.26) =	3.3694	Pr =	0.011				
Region							
UP/NW/NE (n=93)	89.6	[78.6, 95.3]	10.4	[4.7, 21.4]	0.0		100.0
W/E Central/E (n=143)	75.9	[65.6, 83.9]	22.3	[14.5, 32.8]	1.8	[0.5, 5.5]	100.0
S Central/SW/SE (n=113)	73.4	[62.7, 82.0]	25.3	[16.9, 35.9]	1.3	[0.3, 5.5]	100.0
Detroit Metro (n=129)	81.3	[71.6, 88.3]	17.4	[10.8, 26.9]	1.2	[0.2, 8.4]	100.0
Pearson: Uncorrected chi2(6) =	7.1077						
Design-based F(5.23, 2437.56) =	0.8756	Pr =	0.500				
Chronic condition (2016/2017 survey or DW)							
Yes (n=385)	81.0	[75.1, 85.7]	17.4	[12.8, 23.1]	1.7	[0.7, 4.0]	100.0
No (n=93)	71.2	[59.1, 80.9]	28.8	[19.1, 40.9]	0.0		100.0
Pearson: Uncorrected chi2(2) =	8.2815						
Design-based F(1.97, 916.09) =	2.7238	Pr =	0.067				
Total (n=478)	78.7	[73.6, 83.1]	20.0	[15.7, 25.0]	1.3	[0.5, 3.1]	100.0

5.5 Q: In the last 12 months, did you get dental care?

Follow-up group(s): Still enrolled

Universe: All respondents

	Dental care in last 12 months						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,388)	54.4	[51.8, 57.0]	45.1	[42.5, 47.7]	0.5	[0.3, 0.9]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=664)	58.3	[53.5, 63.0]	41.2	[36.5, 46.0]	0.5	[0.2, 1.6]	100.0
35-50 (n=760)	55.9	[51.3, 60.4]	43.6	[39.2, 48.2]	0.5	[0.2, 1.2]	100.0
51-64 (n=964)	47.7	[43.9, 51.6]	51.7	[47.9, 55.6]	0.5	[0.2, 1.2]	100.0
Pearson: Uncorrected chi2(4) =	18.5129						
Design-based F(3.59, 8530.15) =	3.5078	Pr =	0.010				
Gender							
Male (n=933)	48.9	[44.7, 53.0]	50.7	[46.6, 54.8]	0.4	[0.2, 1.0]	100.0
Female (n=1,455)	59.2	[55.9, 62.4]	40.3	[37.1, 43.6]	0.6	[0.3, 1.2]	100.0
Pearson: Uncorrected chi2(2) =	26.1532						
Design-based F(1.88, 4460.34) =	9.4926	Pr =	0.000				
Race/ethnicity							
White, non-Hispanic (n=1,603)	54.7	[51.5, 57.8]	44.6	[41.5, 47.8]	0.7	[0.3, 1.3]	100.0
Black, non-Hispanic (n=479)	51.0	[45.4, 56.7]	48.7	[43.1, 54.4]	0.3	[0.1, 1.0]	100.0
Hispanic (n=100)	55.5	[43.7, 66.7]	44.5	[33.3, 56.3]	0.0		100.0
Other, non-Hispanic (n=176)	62.8	[54.1, 70.8]	37.2	[29.2, 45.9]	0.0		100.0
Pearson: Uncorrected chi2(6) =	12.2233						
Design-based F(5.51, 12931.91) =	1.3887	Pr =	0.220				
FPL category							
0-35% (n=1,001)	52.8	[48.9, 56.7]	46.9	[42.9, 50.8]	0.3	[0.1, 0.8]	100.0
36-99% (n=824)	55.8	[51.6, 59.8]	43.9	[39.8, 48.0]	0.4	[0.1, 1.0]	100.0
100%+ (n=563)	57.5	[52.6, 62.2]	41.4	[36.7, 46.2]	1.2	[0.4, 3.0]	100.0
Pearson: Uncorrected chi2(4) =	8.6635						
Design-based F(3.73, 8862.73) =	1.9350	Pr =	0.107				
Region							
UP/NW/NE (n=450)	54.0	[48.7, 59.2]	44.9	[39.7, 50.2]	1.1	[0.3, 4.4]	100.0
W/E Central/E (n=777)	53.6	[49.5, 57.7]	45.7	[41.7, 49.8]	0.7	[0.3, 1.6]	100.0
S Central/SW/SE (n=464)	55.0	[49.8, 60.1]	44.4	[39.3, 49.6]	0.6	[0.2, 1.5]	100.0
Detroit Metro (n=697)	54.8	[50.1, 59.5]	45.0	[40.3, 49.7]	0.2	[0.1, 0.9]	100.0
Pearson: Uncorrected chi2(6) =	4.2403						
Design-based F(5.35, 12713.61) =	0.6245	Pr =	0.692				
Chronic condition (2016/2017 survey or DW)							
Yes (n=1,931)	52.8	[49.9, 55.7]	46.8	[43.9, 49.7]	0.4	[0.2, 0.8]	100.0
No (n=457)	60.3	[54.6, 65.7]	39.0	[33.6, 44.7]	0.7	[0.2, 2.4]	100.0
Pearson: Uncorrected chi2(2) =	10.1796						
Design-based F(1.95, 4641.70) =	3.3979	Pr =	0.035				
Total (n=2,388)	54.4	[51.8, 57.0]	45.1	[42.5, 47.7]	0.5	[0.3, 0.9]	100.0

5.6 Q: In the past 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?

Follow-up group(s): Still enrolled

Universe: All respondents

	Very easy		Easy		Neutral		Difficult		Very difficult		NA		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	
Follow-up group															
Still enrolled (n=2,383)	36.0	[33.5, 38.6]	34.8	[32.5, 37.3]	13.5	[11.8, 15.4]	5.1	[4.1, 6.2]	3.0	[2.2, 4.1]	7.5	[6.1, 9.1]	0.1	[0.0, 0.2]	100.0
Pearson: Uncorrected chi2(0) =
Design-based F(, ,) =	.	Pr =
Age															
19-34 (n=664)	32.1	[27.7, 36.9]	31.7	[27.6, 36.2]	17.2	[13.9, 21.2]	6.0	[4.3, 8.3]	2.2	[1.2, 3.9]	10.7	[7.9, 14.3]	0.0	[0.0, 0.3]	100.0
35-50 (n=758)	38.1	[33.7, 42.7]	35.4	[31.2, 39.8]	12.0	[9.4, 15.1]	4.3	[3.0, 6.0]	4.3	[2.7, 6.9]	5.9	[3.9, 8.8]	0.1	[0.0, 0.6]	100.0
51-64 (n=961)	38.4	[34.7, 42.3]	38.0	[34.4, 41.8]	10.7	[8.6, 13.3]	4.9	[3.5, 6.8]	2.5	[1.5, 4.4]	5.3	[4.0, 7.1]	0.1	[0.0, 0.6]	100.0
Pearson: Uncorrected chi2(12) =	53.3918														
Design-based F(10.52, 24947.25) =	3.1795	Pr =	0.000												
Gender															
Male (n=930)	37.5	[33.6, 41.7]	33.3	[29.7, 37.2]	11.9	[9.5, 14.8]	3.8	[2.6, 5.4]	2.2	[1.3, 3.6]	11.2	[8.6, 14.4]	0.1	[0.0, 0.5]	100.0
Female (n=1,453)	34.7	[31.6, 38.0]	36.1	[33.1, 39.3]	14.9	[12.6, 17.5]	6.1	[4.8, 7.8]	3.8	[2.6, 5.6]	4.3	[3.3, 5.6]	0.0	[0.0, 0.2]	100.0
Pearson: Uncorrected chi2(6) =	56.2694														
Design-based F(5.44, 12904.60) =	6.6128	Pr =	0.000												
Race/ethnicity															
White, non-Hispanic (n=1,600)	36.8	[33.6, 40.0]	34.0	[31.2, 37.0]	14.2	[12.1, 16.6]	5.0	[3.9, 6.3]	2.4	[1.7, 3.5]	7.5	[5.9, 9.6]	0.1	[0.0, 0.4]	100.0
Black, non-Hispanic (n=478)	37.7	[32.4, 43.4]	35.2	[30.1, 40.7]	13.7	[10.2, 18.2]	4.0	[2.4, 6.5]	3.3	[1.7, 6.2]	6.1	[3.7, 9.9]	0.0		100.0
Hispanic (n=100)	25.5	[17.2, 36.2]	35.2	[25.4, 46.5]	10.0	[5.0, 18.8]	6.6	[2.7, 15.2]	10.7	[4.1, 25.1]	12.0	[5.0, 26.1]	0.0		100.0
Other, non-Hispanic (n=175)	30.8	[22.9, 40.0]	40.2	[31.4, 49.7]	11.1	[6.8, 17.8]	6.1	[3.1, 11.6]	2.9	[1.2, 7.0]	8.9	[5.0, 15.3]	0.0		100.0
Pearson: Uncorrected chi2(18) =	42.2340														
Design-based F(16.24, 38018.51) =	1.3467	Pr =	0.157												
FPL category															
0-35% (n=999)	38.8	[35.0, 42.8]	33.6	[30.0, 37.3]	13.2	[10.7, 16.2]	4.2	[3.0, 5.8]	3.3	[2.1, 5.1]	6.9	[5.0, 9.5]	0.0		100.0
36-99% (n=822)	35.3	[31.3, 39.5]	36.2	[32.4, 40.2]	13.9	[11.4, 16.9]	5.5	[4.0, 7.5]	2.5	[1.5, 4.0]	6.5	[4.7, 9.1]	0.0		100.0
100%+ (n=562)	28.3	[24.3, 32.7]	36.8	[32.3, 41.4]	13.9	[10.9, 17.5]	7.0	[4.9, 10.0]	3.0	[1.6, 5.7]	10.6	[7.6, 14.6]	0.4	[0.1, 1.2]	100.0
Pearson: Uncorrected chi2(12) =	32.5948														
Design-based F(10.60, 25138.34) =	2.2323	Pr =	0.012												
Region															
UP/NW/NE (n=449)	38.4	[33.4, 43.8]	35.0	[30.3, 40.1]	13.3	[10.2, 17.2]	3.6	[2.2, 6.0]	2.8	[1.4, 5.2]	6.6	[4.5, 9.8]	0.2	[0.0, 1.3]	100.0
W/E Central/E (n=774)	37.5	[33.7, 41.5]	34.1	[30.3, 38.0]	14.7	[12.1, 17.9]	3.7	[2.6, 5.3]	2.7	[1.7, 4.2]	7.2	[5.1, 10.1]	0.1	[0.0, 0.7]	100.0
S Central/SW/SE (n=464)	30.5	[26.1, 35.4]	33.8	[29.1, 39.0]	12.0	[9.0, 15.9]	8.8	[6.3, 12.1]	4.8	[2.7, 8.4]	9.8	[7.0, 13.7]	0.1	[0.0, 1.0]	100.0
Detroit Metro (n=696)	36.6	[32.1, 41.4]	35.7	[31.5, 40.1]	13.3	[10.4, 16.9]	4.8	[3.4, 6.9]	2.7	[1.4, 4.8]	6.9	[4.7, 10.0]	0.0		100.0
Pearson: Uncorrected chi2(18) =	31.6462														
Design-based F(14.39, 34128.77) =	1.5100	Pr =	0.096												
Chronic condition (2016/2017 survey or DW)															
Yes (n=1,928)	36.7	[33.9, 39.7]	36.8	[34.1, 39.6]	12.8	[11.0, 14.8]	5.0	[4.0, 6.3]	3.3	[2.3, 4.6]	5.3	[4.0, 6.9]	0.1	[0.0, 0.3]	100.0
No (n=455)	33.4	[28.2, 39.0]	27.6	[23.0, 32.7]	16.1	[12.1, 21.1]	5.1	[3.2, 8.1]	2.3	[1.2, 4.2]	15.4	[11.4, 20.4]	0.1	[0.0, 0.6]	100.0
Pearson: Uncorrected chi2(6) =	70.5174														
Design-based F(5.35, 12694.65) =	8.0093	Pr =	0.000												
Total (n=2,383)	36.0	[33.5, 38.6]	34.8	[32.5, 37.3]	13.5	[11.8, 15.4]	5.1	[4.1, 6.2]	3.0	[2.2, 4.1]	7.5	[6.1, 9.1]	0.1	[0.0, 0.2]	100.0

Note: Total count is less than universe count due to item non-response.

5.6.1 Q: What made it difficult?

Follow-up group(s): Still enrolled

Universe: Respondents who had a difficult/very difficult time getting an appointment to see their PCP in the past 12 months (n = 197)

Reasons PCP visit difficult	Weighted Proportion	95%CI
Couldn't get appointment soon enough (n=150)	77.2	[69.7, 83.3]
My PCP not available/had to see another provider (n=21)	10.3	[6.3, 16.4]
No response from PCP/office not open (n=15)	8.4	[4.7, 14.6]
Inconvenient hours (n=15)	7.4	[4.0, 13.4]
Other (n=12)	5.2	[2.8, 9.4]
Transportation/logistics (n=8)	3.0	[1.3, 6.6]
Didn't like PCP/wanted a new doctor (n=2)	1.4	[0.3, 6.6]

Note: Respondents were able to provide multiple responses

5.7 Q: Since your Healthy Michigan Plan insurance ended, did you go to a hospital emergency room about your own health (whether or not you were admitted overnight)?

Follow-up group(s): No longer enrolled

Universe: All respondents

	ER visit since HMP coverage ended						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
No longer enrolled (n=708)	21.0	[17.4, 25.1]	78.2	[74.1, 81.9]	0.7	[0.3, 1.7]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.		Pr =	.			
Age							
19-34 (n=244)	26.3	[19.8, 34.1]	73.1	[65.4, 79.7]	0.5	[0.1, 2.2]	100.0
35-50 (n=209)	16.7	[11.8, 23.1]	83.3	[76.9, 88.2]	0.0		100.0
51-64 (n=255)	17.6	[12.7, 24.0]	80.5	[74.0, 85.7]	1.9	[0.7, 5.0]	100.0
Pearson: Uncorrected chi2(4) =	14.0145						
Design-based F(3.71, 2582.45) =	3.0755		Pr =	0.018			
Gender							
Male (n=297)	18.6	[13.5, 25.1]	80.5	[74.0, 85.7]	0.9	[0.3, 2.8]	100.0
Female (n=411)	23.4	[18.7, 28.9]	75.9	[70.5, 80.7]	0.6	[0.2, 1.7]	100.0
Pearson: Uncorrected chi2(2) =	2.6541						
Design-based F(1.76, 1224.35) =	1.0551		Pr =	0.341			
Race/ethnicity							
White, non-Hispanic (n=455)	20.2	[16.2, 24.9]	78.6	[73.9, 82.7]	1.2	[0.5, 2.8]	100.0
Black, non-Hispanic (n=154)	22.0	[14.3, 32.4]	77.8	[67.5, 85.5]	0.2	[0.0, 1.2]	100.0
Hispanic (n=38)	28.6	[13.8, 49.9]	71.4	[50.1, 86.2]	0.0		100.0
Other, non-Hispanic (n=52)	21.5	[10.4, 39.2]	78.5	[60.8, 89.6]	0.0		100.0
Pearson: Uncorrected chi2(6) =	4.1657						
Design-based F(5.04, 3465.00) =	0.4977		Pr =	0.780			
FPL category							
0-35% (n=217)	24.1	[17.4, 32.3]	75.7	[67.5, 82.4]	0.2	[0.0, 1.3]	100.0
36-99% (n=259)	20.3	[15.3, 26.4]	78.6	[72.5, 83.7]	1.1	[0.4, 3.0]	100.0
100%+ (n=232)	17.2	[12.3, 23.5]	81.6	[75.2, 86.7]	1.2	[0.3, 4.8]	100.0
Pearson: Uncorrected chi2(4) =	5.3019						
Design-based F(3.47, 2415.72) =	1.2104		Pr =	0.305			
Region							
UP/NW/NE (n=124)	23.4	[16.0, 32.8]	76.6	[67.2, 84.0]	0.0		100.0
W/E Central/E (n=203)	17.5	[12.6, 23.7]	80.3	[73.9, 85.5]	2.2	[0.9, 5.4]	100.0
S Central/SW/SE (n=169)	20.6	[14.7, 28.2]	79.2	[71.6, 85.2]	0.2	[0.0, 1.4]	100.0
Detroit Metro (n=212)	23.3	[16.5, 31.9]	76.5	[68.0, 83.4]	0.2	[0.0, 1.3]	100.0
Pearson: Uncorrected chi2(6) =	10.2700						
Design-based F(4.65, 3233.91) =	1.8631		Pr =	0.103			
Chronic condition (2016/2017 survey or DW)							
Yes (n=538)	24.0	[19.7, 28.9]	75.0	[70.0, 79.3]	1.0	[0.5, 2.3]	100.0
No (n=170)	13.4	[8.0, 21.7]	86.6	[78.3, 92.0]	0.0		100.0
Pearson: Uncorrected chi2(2) =	12.2631						
Design-based F(1.77, 1229.05) =	4.3024		Pr =	0.017			
Total (n=708)	21.0	[17.4, 25.1]	78.2	[74.1, 81.9]	0.7	[0.3, 1.7]	100.0

Note: Total count is less than universe count due to item non-response.

5.8 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)?

Follow-up group(s): Still enrolled

Universe: All respondents

	ER visit in past 12 months							Total Row%
	Yes		No		Don't know			
	Row%	95%CI	Row%	95%CI	Row%	95%CI		
Follow-up group								
Still enrolled (n=2,388)	33.3	[30.9, 35.8]	66.1	[63.6, 68.5]	0.6	[0.3, 1.1]	100.0	
Pearson: Uncorrected chi2(0) =	.		.					
Design-based F(., .) =	.	Pr =	.					
Age								
19-34 (n=664)	36.7	[32.2, 41.4]	62.3	[57.5, 66.8]	1.0	[0.4, 2.5]	100.0	
35-50 (n=760)	32.8	[28.8, 37.0]	66.9	[62.6, 70.9]	0.4	[0.1, 1.2]	100.0	
51-64 (n=964)	29.6	[26.1, 33.4]	70.0	[66.3, 73.5]	0.4	[0.2, 0.9]	100.0	
Pearson: Uncorrected chi2(4) =	13.3881							
Design-based F(3.63, 8621.37) =	2.5378	Pr =	0.044					
Gender								
Male (n=933)	28.5	[25.1, 32.2]	70.9	[67.2, 74.4]	0.6	[0.3, 1.4]	100.0	
Female (n=1,455)	37.4	[34.1, 40.7]	62.0	[58.7, 65.2]	0.6	[0.3, 1.5]	100.0	
Pearson: Uncorrected chi2(2) =	21.2684							
Design-based F(1.99, 4723.98) =	6.8169	Pr =	0.001					
Race/ethnicity								
White, non-Hispanic (n=1,603)	32.5	[29.6, 35.6]	66.7	[63.6, 69.7]	0.8	[0.4, 1.6]	100.0	
Black, non-Hispanic (n=479)	36.2	[31.1, 41.7]	63.4	[57.9, 68.5]	0.4	[0.1, 1.8]	100.0	
Hispanic (n=100)	31.9	[22.1, 43.7]	68.1	[56.3, 77.9]	0.0		100.0	
Other, non-Hispanic (n=176)	29.1	[21.7, 37.8]	70.3	[61.6, 77.8]	0.6	[0.1, 4.2]	100.0	
Pearson: Uncorrected chi2(6) =	6.1710							
Design-based F(5.91, 13858.28) =	0.6527	Pr =	0.686					
FPL category								
0-35% (n=1,001)	35.3	[31.7, 39.1]	64.4	[60.5, 68.0]	0.3	[0.1, 1.3]	100.0	
36-99% (n=824)	29.1	[25.4, 33.1]	69.7	[65.7, 73.5]	1.1	[0.5, 2.4]	100.0	
100%+ (n=563)	32.9	[28.4, 37.6]	66.2	[61.5, 70.7]	0.9	[0.3, 2.7]	100.0	
Pearson: Uncorrected chi2(4) =	12.0287							
Design-based F(3.80, 9037.28) =	2.0671	Pr =	0.086					
Region								
UP/NW/NE (n=450)	32.5	[27.7, 37.7]	67.0	[61.8, 71.8]	0.5	[0.2, 1.5]	100.0	
W/E Central/E (n=777)	32.0	[28.3, 35.9]	67.3	[63.3, 70.9]	0.8	[0.3, 1.9]	100.0	
S Central/SW/SE (n=464)	35.8	[30.8, 41.0]	63.3	[58.0, 68.3]	0.9	[0.2, 4.1]	100.0	
Detroit Metro (n=697)	33.3	[29.1, 37.9]	66.3	[61.7, 70.5]	0.4	[0.1, 1.2]	100.0	
Pearson: Uncorrected chi2(6) =	3.4816							
Design-based F(4.99, 11850.50) =	0.4662	Pr =	0.801					
Chronic condition (2016/2017 survey or DW)								
Yes (n=1,931)	37.9	[35.1, 40.8]	61.5	[58.7, 64.4]	0.6	[0.3, 1.2]	100.0	
No (n=457)	16.6	[12.8, 21.2]	82.6	[77.9, 86.5]	0.8	[0.3, 2.3]	100.0	
Pearson: Uncorrected chi2(2) =	82.9194							
Design-based F(1.97, 4675.03) =	27.0213	Pr =	0.000					
Total (n=2,388)	33.3	[30.9, 35.8]	66.1	[63.6, 68.5]	0.6	[0.3, 1.1]	100.0	

5.8.1 Q: Thinking about the most recent time you were at the emergency room, did you try to contact your usual provider's office before going to the emergency room?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: Respondents who had an emergency room visit in the past 12 months (n = 922)

	Yes		No		Tried to contact PCP before going to ER NA		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group									
Still enrolled (n=777)	19.2	[16.0, 22.7]	78.5	[74.7, 81.8]	2.2	[1.3, 3.9]	0.1	[0.0, 0.5]	100.0
No longer enrolled (n=145)	18.6	[12.4, 27.0]	75.1	[65.6, 82.7]	5.6	[2.1, 14.5]	0.6	[0.1, 2.8]	100.0
Pearson: Uncorrected chi2(3) =	6.8117								
Design-based F(2.47, 2245.81) =	1.7570	Pr =	0.164						
Age									
19-34 (n=309)	16.9	[12.5, 22.3]	78.3	[72.3, 83.3]	4.7	[2.5, 8.6]	0.2	[0.0, 1.2]	100.0
35-50 (n=295)	20.7	[15.9, 26.6]	77.7	[71.8, 82.7]	1.4	[0.5, 3.6]	0.1	[0.0, 1.0]	100.0
51-64 (n=318)	20.5	[15.5, 26.6]	77.7	[71.4, 82.9]	1.5	[0.3, 6.0]	0.4	[0.1, 1.6]	100.0
Pearson: Uncorrected chi2(6) =	10.7197								
Design-based F(5.04, 4585.74) =	1.5614	Pr =	0.167						
Gender									
Male (n=336)	12.5	[9.1, 16.9]	84.0	[79.2, 87.9]	3.2	[1.7, 6.0]	0.3	[0.1, 1.1]	100.0
Female (n=586)	23.5	[19.5, 28.1]	73.8	[69.1, 78.1]	2.5	[1.1, 5.3]	0.2	[0.0, 0.7]	100.0
Pearson: Uncorrected chi2(3) =	17.4899								
Design-based F(2.57, 2339.16) =	4.8772	Pr =	0.004						
Race/ethnicity									
White, non-Hispanic (n=591)	20.0	[16.3, 24.3]	77.6	[73.2, 81.5]	2.1	[1.1, 3.9]	0.3	[0.1, 0.8]	100.0
Black, non-Hispanic (n=210)	16.6	[11.6, 23.1]	80.0	[73.0, 85.5]	3.2	[1.3, 7.6]	0.2	[0.0, 1.5]	100.0
Hispanic (n=44)	17.9	[8.9, 32.7]	73.8	[54.0, 87.2]	8.2	[1.2, 39.7]	0.0		100.0
Other, non-Hispanic (n=67)	25.1	[14.5, 39.8]	71.6	[57.0, 82.8]	3.3	[1.0, 10.4]	0.0		100.0
Pearson: Uncorrected chi2(9) =	9.4160								
Design-based F(6.76, 6088.41) =	0.7418	Pr =	0.632						
FPL category									
0-35% (n=407)	18.8	[14.7, 23.7]	77.3	[72.1, 81.8]	3.6	[1.9, 6.7]	0.2	[0.1, 0.8]	100.0
36-99% (n=297)	19.1	[14.7, 24.4]	78.3	[72.8, 83.0]	2.3	[1.0, 5.2]	0.3	[0.0, 2.0]	100.0
100%+ (n=218)	19.8	[14.4, 26.6]	79.5	[72.6, 84.9]	0.7	[0.2, 3.0]	0.0		100.0
Pearson: Uncorrected chi2(6) =	4.6923								
Design-based F(5.34, 4856.11) =	0.8830	Pr =	0.497						
Region									
UP/NW/NE (n=169)	23.2	[16.9, 30.9]	72.6	[64.5, 79.3]	3.4	[1.4, 8.1]	0.9	[0.2, 3.5]	100.0
W/E Central/E (n=283)	20.9	[16.2, 26.7]	77.5	[71.6, 82.4]	1.6	[0.6, 4.2]	0.0		100.0
S Central/SW/SE (n=193)	15.6	[10.6, 22.2]	80.6	[73.6, 86.1]	3.2	[1.4, 6.9]	0.7	[0.2, 2.8]	100.0
Detroit Metro (n=277)	18.5	[13.8, 24.5]	78.2	[71.9, 83.5]	3.2	[1.4, 7.4]	0.0		100.0
Pearson: Uncorrected chi2(9) =	9.7232								
Design-based F(7.13, 6490.03) =	1.1830	Pr =	0.308						
Chronic condition (2016/2017 survey or DW)									
Yes (n=828)	19.9	[16.8, 23.4]	77.4	[73.8, 80.7]	2.5	[1.5, 4.1]	0.2	[0.1, 0.7]	100.0
No (n=94)	13.2	[7.1, 23.1]	81.8	[70.0, 89.7]	5.0	[1.2, 18.0]	0.0		100.0
Pearson: Uncorrected chi2(3) =	4.9826								
Design-based F(2.35, 2134.21) =	1.0837	Pr =	0.346						
Total (n=922)	19.1	[16.2, 22.3]	77.9	[74.5, 81.0]	2.8	[1.7, 4.6]	0.2	[0.1, 0.6]	100.0

5.8.1.1 Q: Did you talk to someone?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: Respondents who tried to contact their usual provider's office before going to the emergency room (n = 190)

	Talked to someone before going to ER						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=159)	75.1	[65.3, 82.8]	23.9	[16.3, 33.8]	1.0	[0.2, 3.9]	100.0
No longer enrolled (n=31)	84.4	[64.0, 94.3]	15.6	[5.7, 36.0]	0.0		100.0
Pearson: Uncorrected chi2(2) =	1.3493						
Design-based F(1.91, 340.09) =	0.6309	Pr =	0.526				
Age							
19-34 (n=58)	74.9	[58.7, 86.2]	25.1	[13.8, 41.3]	0.0		100.0
35-50 (n=66)	82.3	[68.6, 90.8]	15.4	[7.4, 29.4]	2.3	[0.6, 9.2]	100.0
51-64 (n=66)	71.4	[53.8, 84.2]	28.6	[15.8, 46.2]	0.0		100.0
Pearson: Uncorrected chi2(4) =	5.9377						
Design-based F(3.72, 662.39) =	1.0620	Pr =	0.372				
Gender							
Male (n=49)	75.7	[58.0, 87.6]	22.5	[11.1, 40.4]	1.7	[0.2, 11.6]	100.0
Female (n=141)	76.8	[66.4, 84.7]	22.7	[14.8, 33.1]	0.5	[0.1, 3.5]	100.0
Pearson: Uncorrected chi2(2) =	0.6971						
Design-based F(1.78, 316.29) =	0.2884	Pr =	0.723				
Race/ethnicity							
White, non-Hispanic (n=128)	78.7	[67.4, 86.9]	20.6	[12.5, 32.1]	0.6	[0.1, 4.3]	100.0
Black, non-Hispanic (n=36)	74.6	[54.4, 87.8]	23.6	[10.8, 43.9]	1.9	[0.3, 12.5]	100.0
Hispanic (n=10)	76.8	[43.4, 93.5]	23.2	[6.5, 56.6]	0.0		100.0
Other, non-Hispanic (n=16)	67.9	[37.5, 88.2]	32.1	[11.8, 62.5]	0.0		100.0
Pearson: Uncorrected chi2(6) =	2.1943						
Design-based F(5.34, 949.66) =	0.2984	Pr =	0.923				
FPL category							
0-35% (n=84)	71.1	[57.3, 81.8]	28.3	[17.6, 42.1]	0.7	[0.1, 4.6]	100.0
36-99% (n=63)	82.9	[69.7, 91.1]	15.2	[7.6, 28.2]	1.9	[0.3, 12.6]	100.0
100%+ (n=43)	84.6	[69.9, 92.9]	15.4	[7.1, 30.1]	0.0		100.0
Pearson: Uncorrected chi2(4) =	5.3821						
Design-based F(3.79, 675.29) =	1.4128	Pr =	0.230				
Region							
UP/NW/NE (n=43)	87.6	[70.4, 95.4]	12.4	[4.6, 29.6]	0.0		100.0
W/E Central/E (n=60)	74.0	[58.8, 84.9]	24.8	[14.0, 40.1]	1.2	[0.2, 8.4]	100.0
S Central/SW/SE (n=32)	84.7	[68.9, 93.3]	15.3	[6.7, 31.1]	0.0		100.0
Detroit Metro (n=55)	72.4	[55.6, 84.6]	26.5	[14.5, 43.4]	1.1	[0.1, 7.5]	100.0
Pearson: Uncorrected chi2(6) =	3.8107						
Design-based F(4.61, 820.45) =	0.7185	Pr =	0.599				
Chronic condition (2016/2017 survey or DW)							
Yes (n=176)	74.9	[65.6, 82.3]	24.2	[16.9, 33.5]	0.9	[0.2, 3.6]	100.0
No (n=14)	94.9	[69.6, 99.3]	5.1	[0.7, 30.4]	0.0		100.0
Pearson: Uncorrected chi2(2) =	3.2614						
Design-based F(1.99, 354.66) =	1.8649	Pr =	0.157				
Total (n=190)	76.5	[67.8, 83.5]	22.6	[15.8, 31.3]	0.8	[0.2, 3.3]	100.0

5.8.2 Q: Why did you end up going to the ER?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: Respondents who talked to someone at their usual provider's office before going to the emergency room (n = 152)

Why did you end up going to the ER?	Weighted Proportion	95%CI
Told to go to ER (n=102)	63.2	[53.3, 72.2]
Symptoms didn't improve or got worse (n=28)	21.5	[13.9, 31.6]
Difficulty getting appointment (n=20)	15.4	[9.6, 24.0]
Other (n=10)	7.8	[3.8, 15.5]
No response from PCP/office not open (n=2)	0.9	[0.2, 3.8]
Don't know (n=1)	0.7	[0.1, 4.9]
Provider's advice wasn't helpful (n=1)	0.3	[0.0, 2.2]

Note: Respondents were able to provide multiple responses

5.8.3 Q: Which of these were true about that last ER visit?

5.8.3.1 Q: You arrived by ambulance or other emergency vehicle

Follow-up group(s): Still enrolled

Universe: Respondents who had an emergency room visit in the past 12 months (n = 773)

	Yes		Arrived by ambulance No		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=767)	15.0	[12.3, 18.1]	84.9	[81.8, 87.6]	0.1	[0.0, 0.6]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=244)	11.4	[7.5, 17.0]	88.6	[83.0, 92.5]	0.0		100.0
35-50 (n=255)	16.7	[12.3, 22.3]	83.0	[77.4, 87.4]	0.2	[0.0, 1.8]	100.0
51-64 (n=268)	18.2	[13.4, 24.1]	81.8	[75.9, 86.6]	0.0		100.0
Pearson: Uncorrected chi2(4) =	6.5384						
Design-based F(3.66, 2764.16) =	1.3632	Pr =	0.247				
Gender							
Male (n=280)	18.2	[13.6, 24.0]	81.6	[75.7, 86.2]	0.2	[0.0, 1.5]	100.0
Female (n=487)	12.9	[9.9, 16.6]	87.1	[83.4, 90.1]	0.0		100.0
Pearson: Uncorrected chi2(2) =	5.1606						
Design-based F(1.80, 1358.70) =	2.5895	Pr =	0.081				
Race/ethnicity							
White, non-Hispanic (n=489)	12.2	[9.3, 16.0]	87.6	[83.9, 90.6]	0.1	[0.0, 1.1]	100.0
Black, non-Hispanic (n=178)	20.6	[14.8, 27.9]	79.4	[72.1, 85.2]	0.0		100.0
Hispanic (n=33)	4.3	[1.0, 16.7]	95.7	[83.3, 99.0]	0.0		100.0
Other, non-Hispanic (n=57)	13.9	[6.4, 27.6]	86.1	[72.4, 93.6]	0.0		100.0
Pearson: Uncorrected chi2(6) =	11.9492						
Design-based F(5.50, 4099.31) =	1.6388	Pr =	0.139				
FPL category							
0-35% (n=351)	15.9	[12.2, 20.6]	83.9	[79.3, 87.7]	0.1	[0.0, 1.0]	100.0
36-99% (n=242)	13.5	[9.3, 19.1]	86.5	[80.9, 90.7]	0.0		100.0
100%+ (n=174)	13.9	[9.0, 20.7]	86.1	[79.3, 91.0]	0.0		100.0
Pearson: Uncorrected chi2(4) =	1.2160						
Design-based F(3.41, 2572.92) =	0.3897	Pr =	0.786				
Region							
UP/NW/NE (n=138)	9.1	[5.4, 15.0]	90.9	[85.0, 94.6]	0.0		100.0
W/E Central/E (n=242)	15.7	[11.5, 21.0]	84.3	[79.0, 88.5]	0.0		100.0
S Central/SW/SE (n=153)	15.7	[10.1, 23.7]	83.8	[75.8, 89.5]	0.5	[0.1, 3.3]	100.0
Detroit Metro (n=234)	15.4	[11.0, 21.1]	84.6	[78.9, 89.0]	0.0		100.0
Pearson: Uncorrected chi2(6) =	4.9810						
Design-based F(4.34, 3275.29) =	1.1501	Pr =	0.331				
Chronic condition (2016/2017 survey or DW)							
Yes (n=697)	14.9	[12.1, 18.2]	85.0	[81.7, 87.8]	0.1	[0.0, 0.7]	100.0
No (n=70)	15.8	[8.0, 29.0]	84.2	[71.0, 92.0]	0.0		100.0
Pearson: Uncorrected chi2(2) =	0.1231						
Design-based F(1.70, 1280.63) =	0.0532	Pr =	0.925				
Total (n=767)	15.0	[12.3, 18.1]	84.9	[81.8, 87.6]	0.1	[0.0, 0.6]	100.0

Note: Total count is less than universe count due to item non-response.

5.8.3.2 Q: The problem was too serious for a doctor's office or clinic.

Follow-up group(s): Still enrolled

Universe: Respondents who had an emergency room visit in the past 12 months (n = 773)

	Problem too serious for doctor's office						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=761)	55.6	[51.0, 60.2]	40.3	[35.8, 45.0]	4.0	[2.7, 6.1]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=244)	43.7	[36.2, 51.6]	53.0	[45.1, 60.8]	3.2	[1.3, 7.7]	100.0
35-50 (n=254)	61.7	[54.2, 68.7]	32.8	[26.2, 40.2]	5.5	[3.0, 9.8]	100.0
51-64 (n=263)	66.1	[58.6, 72.8]	30.6	[24.0, 38.0]	3.3	[1.7, 6.5]	100.0
Pearson: Uncorrected chi2(4) =	35.8692						
Design-based F(3.76, 2816.38) =	6.1628	Pr =	0.000				
Gender							
Male (n=278)	55.8	[48.6, 62.8]	39.9	[33.1, 47.2]	4.3	[2.0, 8.9]	100.0
Female (n=483)	55.5	[49.5, 61.4]	40.6	[34.7, 46.7]	3.9	[2.4, 6.2]	100.0
Pearson: Uncorrected chi2(2) =	0.0835						
Design-based F(2.00, 1495.98) =	0.0254	Pr =	0.975				
Race/ethnicity							
White, non-Hispanic (n=487)	55.0	[49.1, 60.8]	40.7	[35.0, 46.7]	4.3	[2.5, 7.2]	100.0
Black, non-Hispanic (n=176)	57.5	[48.2, 66.3]	38.6	[29.9, 48.2]	3.9	[1.7, 8.6]	100.0
Hispanic (n=33)	46.9	[28.3, 66.5]	51.5	[32.1, 70.5]	1.6	[0.2, 10.6]	100.0
Other, non-Hispanic (n=55)	53.5	[37.2, 69.0]	41.2	[26.4, 57.9]	5.3	[1.1, 22.8]	100.0
Pearson: Uncorrected chi2(6) =	2.7274						
Design-based F(5.49, 4059.10) =	0.3017	Pr =	0.925				
FPL category							
0-35% (n=349)	53.0	[46.5, 59.5]	42.2	[35.8, 48.8]	4.8	[2.8, 8.0]	100.0
36-99% (n=239)	62.5	[54.1, 70.2]	35.4	[27.8, 43.9]	2.1	[0.8, 5.3]	100.0
100%+ (n=173)	55.5	[46.5, 64.1]	40.5	[32.0, 49.6]	4.0	[1.5, 10.4]	100.0
Pearson: Uncorrected chi2(4) =	5.7621						
Design-based F(3.86, 2894.12) =	1.1220	Pr =	0.344				
Region							
UP/NW/NE (n=137)	51.9	[42.4, 61.3]	43.5	[34.3, 53.1]	4.6	[2.1, 9.8]	100.0
W/E Central/E (n=241)	52.8	[45.7, 59.9]	43.4	[36.4, 50.7]	3.8	[1.8, 7.5]	100.0
S Central/SW/SE (n=150)	59.0	[49.5, 67.9]	33.3	[25.2, 42.5]	7.7	[3.3, 17.0]	100.0
Detroit Metro (n=233)	56.8	[48.4, 64.8]	40.5	[32.6, 49.1]	2.6	[1.2, 5.7]	100.0
Pearson: Uncorrected chi2(6) =	9.5227						
Design-based F(5.18, 3881.17) =	1.2853	Pr =	0.266				
Chronic condition (2016/2017 survey or DW)							
Yes (n=691)	56.8	[51.9, 61.6]	39.6	[34.9, 44.6]	3.6	[2.3, 5.5]	100.0
No (n=70)	46.0	[32.5, 60.1]	46.1	[32.8, 59.9]	7.9	[2.3, 23.6]	100.0
Pearson: Uncorrected chi2(2) =	5.6486						
Design-based F(1.95, 1457.69) =	1.4598	Pr =	0.233				
Total (n=761)	55.6	[51.0, 60.2]	40.3	[35.8, 45.0]	4.0	[2.7, 6.1]	100.0

Note: Total count is less than universe count due to item non-response.

5.8.3.3 Q: Your doctor's office or clinic was not open.

Follow-up group(s): Still enrolled

Universe: Respondents who had an emergency room visit in the past 12 months (n = 773)

	Yes		PCP office was not open No		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=756)	66.3	[61.9, 70.4]	29.7	[25.8, 34.0]	4.0	[2.6, 6.0]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=243)	68.6	[61.1, 75.3]	28.2	[21.8, 35.5]	3.2	[1.3, 7.6]	100.0
35-50 (n=252)	62.5	[54.9, 69.5]	33.7	[26.9, 41.3]	3.8	[2.0, 7.1]	100.0
51-64 (n=261)	67.9	[60.5, 74.5]	26.7	[20.6, 33.8]	5.4	[2.9, 9.9]	100.0
Pearson: Uncorrected chi2(4) =	4.6442						
Design-based F(3.86, 2869.86) =	0.8037	Pr =	0.519				
Gender							
Male (n=275)	61.9	[54.6, 68.7]	32.9	[26.4, 40.0]	5.2	[2.7, 9.7]	100.0
Female (n=481)	69.2	[63.7, 74.1]	27.6	[22.9, 33.0]	3.2	[1.9, 5.2]	100.0
Pearson: Uncorrected chi2(2) =	4.9966						
Design-based F(1.99, 1477.22) =	1.6922	Pr =	0.185				
Race/ethnicity							
White, non-Hispanic (n=482)	72.0	[66.7, 76.7]	23.6	[19.3, 28.6]	4.4	[2.6, 7.3]	100.0
Black, non-Hispanic (n=175)	61.1	[52.0, 69.5]	34.4	[26.3, 43.5]	4.5	[2.1, 9.2]	100.0
Hispanic (n=33)	60.3	[40.1, 77.4]	39.7	[22.6, 59.9]	0.0		100.0
Other, non-Hispanic (n=56)	49.3	[33.7, 65.0]	48.7	[33.1, 64.6]	2.0	[0.3, 13.2]	100.0
Pearson: Uncorrected chi2(6) =	23.2218						
Design-based F(5.92, 4342.20) =	2.6559	Pr =	0.015				
FPL category							
0-35% (n=347)	66.1	[59.8, 71.9]	30.4	[24.8, 36.5]	3.5	[1.8, 6.8]	100.0
36-99% (n=237)	68.4	[60.6, 75.3]	26.2	[19.7, 33.9]	5.4	[3.0, 9.7]	100.0
100%+ (n=172)	64.3	[55.5, 72.2]	32.1	[24.4, 40.8]	3.6	[1.8, 7.1]	100.0
Pearson: Uncorrected chi2(4) =	2.4555						
Design-based F(3.76, 2796.68) =	0.5336	Pr =	0.700				
Region							
UP/NW/NE (n=137)	61.5	[51.6, 70.4]	31.2	[22.8, 41.1]	7.3	[4.0, 13.1]	100.0
W/E Central/E (n=238)	73.6	[67.0, 79.2]	24.4	[18.9, 30.9]	2.0	[0.8, 4.8]	100.0
S Central/SW/SE (n=150)	64.7	[54.9, 73.3]	30.3	[22.3, 39.7]	5.0	[1.7, 13.8]	100.0
Detroit Metro (n=231)	63.2	[55.3, 70.5]	32.6	[25.6, 40.4]	4.2	[2.2, 7.7]	100.0
Pearson: Uncorrected chi2(6) =	9.9620						
Design-based F(5.21, 3874.56) =	1.3679	Pr =	0.231				
Chronic condition (2016/2017 survey or DW)							
Yes (n=686)	66.5	[61.9, 70.9]	29.7	[25.5, 34.2]	3.8	[2.5, 5.7]	100.0
No (n=70)	64.5	[50.1, 76.6]	30.0	[19.0, 43.8]	5.6	[1.3, 20.6]	100.0
Pearson: Uncorrected chi2(2) =	0.6433						
Design-based F(1.94, 1442.81) =	0.1680	Pr =	0.839				
Total (n=756)	66.3	[61.9, 70.4]	29.7	[25.8, 34.0]	4.0	[2.6, 6.0]	100.0

Note: Total count is less than universe count due to item non-response.

5.8.3.4 Q: You needed to get care at a time that would not make you miss work or school.

Follow-up group(s): Still enrolled

Universe: Respondents who had an emergency room visit in the past 12 months (n = 773)

	Needed to go at a time I wouldn't miss work/school						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=756)	40.3	[35.7, 44.9]	58.5	[53.9, 63.1]	1.2	[0.6, 2.4]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=240)	47.3	[39.3, 55.5]	52.7	[44.5, 60.7]	0.0		100.0
35-50 (n=253)	40.1	[32.9, 47.8]	58.7	[51.0, 66.0]	1.2	[0.5, 2.8]	100.0
51-64 (n=263)	29.6	[22.8, 37.3]	67.3	[59.5, 74.3]	3.1	[1.2, 7.7]	100.0
Pearson: Uncorrected chi2(4) =	22.9836						
Design-based F(3.59, 2673.90) =	4.4168	Pr =	0.002				
Gender							
Male (n=273)	41.8	[34.7, 49.2]	56.5	[49.1, 63.7]	1.6	[0.6, 4.6]	100.0
Female (n=483)	39.2	[33.5, 45.3]	59.8	[53.7, 65.6]	0.9	[0.4, 2.1]	100.0
Pearson: Uncorrected chi2(2) =	1.3627						
Design-based F(1.90, 1412.66) =	0.4870	Pr =	0.605				
Race/ethnicity							
White, non-Hispanic (n=481)	41.5	[35.7, 47.5]	57.3	[51.3, 63.1]	1.2	[0.4, 3.2]	100.0
Black, non-Hispanic (n=177)	43.1	[34.2, 52.4]	55.7	[46.5, 64.6]	1.2	[0.4, 3.7]	100.0
Hispanic (n=32)	28.2	[12.9, 51.1]	71.8	[48.9, 87.1]	0.0		100.0
Other, non-Hispanic (n=56)	31.2	[17.5, 49.2]	66.2	[48.7, 80.2]	2.6	[0.8, 8.1]	100.0
Pearson: Uncorrected chi2(6) =	6.1663						
Design-based F(5.36, 3931.39) =	0.7453	Pr =	0.598				
FPL category							
0-35% (n=347)	39.1	[32.8, 45.8]	60.0	[53.3, 66.4]	0.8	[0.2, 3.1]	100.0
36-99% (n=237)	44.4	[36.4, 52.8]	54.3	[46.0, 62.3]	1.3	[0.4, 3.9]	100.0
100%+ (n=172)	38.7	[30.5, 47.6]	58.9	[50.0, 67.2]	2.4	[1.0, 5.9]	100.0
Pearson: Uncorrected chi2(4) =	3.7081						
Design-based F(3.75, 2789.88) =	0.7858	Pr =	0.527				
Region							
UP/NW/NE (n=135)	31.9	[24.1, 41.0]	65.6	[56.6, 73.6]	2.4	[1.0, 5.9]	100.0
W/E Central/E (n=238)	43.3	[36.3, 50.7]	56.1	[48.8, 63.2]	0.5	[0.1, 2.1]	100.0
S Central/SW/SE (n=151)	37.7	[29.0, 47.3]	61.7	[52.2, 70.5]	0.6	[0.1, 4.2]	100.0
Detroit Metro (n=232)	40.9	[33.0, 49.3]	57.4	[49.1, 65.4]	1.7	[0.6, 4.5]	100.0
Pearson: Uncorrected chi2(6) =	5.6212						
Design-based F(4.84, 3598.27) =	0.9489	Pr =	0.446				
Chronic condition (2016/2017 survey or DW)							
Yes (n=686)	39.9	[35.2, 44.9]	58.7	[53.8, 63.5]	1.4	[0.7, 2.7]	100.0
No (n=70)	42.9	[29.6, 57.4]	57.1	[42.6, 70.4]	0.0		100.0
Pearson: Uncorrected chi2(2) =	1.3112						
Design-based F(1.91, 1423.18) =	0.4483	Pr =	0.630				
Total (n=756)	40.3	[35.7, 44.9]	58.5	[53.9, 63.1]	1.2	[0.6, 2.4]	100.0

Note: Total count is less than universe count due to item non-response.

5.8.3.5 Q: You went to the ER because it's your closest place to receive care.

Follow-up group(s): Still enrolled

Universe: Respondents who had an emergency room visit in the past 12 months (n = 773)

	ER is closest place to receive care						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=751)	70.9	[66.5, 75.0]	28.3	[24.2, 32.7]	0.8	[0.3, 2.4]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=238)	65.7	[57.8, 72.9]	33.1	[26.0, 41.0]	1.2	[0.3, 4.6]	100.0
35-50 (n=251)	72.3	[64.8, 78.8]	26.7	[20.3, 34.2]	1.0	[0.2, 5.8]	100.0
51-64 (n=262)	77.0	[69.5, 83.1]	23.0	[16.9, 30.5]	0.0		100.0
Pearson: Uncorrected chi2(4) =	8.9154						
Design-based F(3.91, 2889.37) =	1.2434	Pr =	0.291				
Gender							
Male (n=273)	71.1	[64.1, 77.2]	28.1	[22.1, 35.0]	0.8	[0.1, 5.5]	100.0
Female (n=478)	70.8	[65.0, 76.0]	28.4	[23.2, 34.2]	0.8	[0.2, 3.0]	100.0
Pearson: Uncorrected chi2(2) =	0.0062						
Design-based F(1.97, 1456.34) =	0.0016	Pr =	0.998				
Race/ethnicity							
White, non-Hispanic (n=477)	66.4	[60.4, 71.9]	32.7	[27.3, 38.7]	0.9	[0.2, 3.2]	100.0
Black, non-Hispanic (n=176)	78.7	[70.7, 84.9]	21.3	[15.1, 29.3]	0.0		100.0
Hispanic (n=32)	91.6	[73.7, 97.7]	8.4	[2.3, 26.3]	0.0		100.0
Other, non-Hispanic (n=56)	66.1	[49.1, 79.7]	33.9	[20.3, 50.9]	0.0		100.0
Pearson: Uncorrected chi2(6) =	20.0631						
Design-based F(5.91, 4306.16) =	2.1509	Pr =	0.046				
FPL category							
0-35% (n=347)	71.4	[65.0, 77.2]	27.2	[21.6, 33.7]	1.3	[0.4, 4.1]	100.0
36-99% (n=235)	73.4	[66.4, 79.4]	26.4	[20.5, 33.4]	0.1	[0.0, 1.0]	100.0
100%+ (n=169)	65.8	[56.6, 74.0]	34.2	[26.0, 43.4]	0.0		100.0
Pearson: Uncorrected chi2(4) =	5.9490						
Design-based F(3.12, 2308.68) =	1.2438	Pr =	0.292				
Region							
UP/NW/NE (n=135)	67.9	[57.5, 76.7]	31.8	[23.0, 42.1]	0.4	[0.1, 2.7]	100.0
W/E Central/E (n=235)	68.9	[61.5, 75.4]	30.4	[23.9, 37.7]	0.7	[0.1, 5.2]	100.0
S Central/SW/SE (n=151)	71.8	[62.7, 79.4]	28.2	[20.6, 37.3]	0.0		100.0
Detroit Metro (n=230)	72.5	[64.4, 79.2]	26.3	[19.6, 34.2]	1.3	[0.3, 5.1]	100.0
Pearson: Uncorrected chi2(6) =	3.6156						
Design-based F(4.84, 3579.63) =	0.4554	Pr =	0.804				
Chronic condition (2016/2017 survey or DW)							
Yes (n=682)	70.6	[65.8, 74.9]	28.5	[24.2, 33.2]	0.9	[0.3, 2.7]	100.0
No (n=69)	73.9	[61.5, 83.5]	26.1	[16.5, 38.5]	0.0		100.0
Pearson: Uncorrected chi2(2) =	1.0068						
Design-based F(1.94, 1435.75) =	0.3058	Pr =	0.730				
Total (n=751)	70.9	[66.5, 75.0]	28.3	[24.2, 32.7]	0.8	[0.3, 2.4]	100.0

Note: Total count is less than universe count due to item non-response.

5.8.3.6 Q: You went to the ER because you get most of your care at the emergency room.

Follow-up group(s): Still enrolled

Universe: Respondents who had an emergency room visit in the past 12 months (n = 773)

	Yes		Receive most care at ER No		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=739)	23.5	[20.0, 27.5]	75.8	[71.8, 79.3]	0.7	[0.3, 1.5]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=236)	23.2	[17.6, 30.0]	76.8	[70.0, 82.4]	0.0		100.0
35-50 (n=246)	24.5	[18.5, 31.7]	75.0	[67.8, 81.0]	0.5	[0.2, 1.8]	100.0
51-64 (n=257)	22.7	[17.0, 29.5]	75.3	[68.4, 81.1]	2.0	[0.8, 4.8]	100.0
Pearson: Uncorrected chi2(4) =	7.0596						
Design-based F(3.48, 2530.51) =	1.6972	Pr =	0.157				
Gender							
Male (n=270)	33.7	[27.1, 40.9]	65.0	[57.8, 71.6]	1.3	[0.5, 3.1]	100.0
Female (n=469)	16.8	[13.3, 21.0]	82.9	[78.6, 86.4]	0.3	[0.1, 1.1]	100.0
Pearson: Uncorrected chi2(2) =	31.2128						
Design-based F(1.73, 1254.11) =	15.2263	Pr =	0.000				
Race/ethnicity							
White, non-Hispanic (n=473)	19.9	[16.0, 24.4]	79.0	[74.4, 83.0]	1.1	[0.5, 2.4]	100.0
Black, non-Hispanic (n=171)	30.2	[22.5, 39.2]	69.6	[60.6, 77.3]	0.2	[0.0, 1.7]	100.0
Hispanic (n=32)	28.1	[14.2, 48.0]	71.9	[52.0, 85.8]	0.0		100.0
Other, non-Hispanic (n=53)	21.9	[11.6, 37.4]	78.1	[62.6, 88.4]	0.0		100.0
Pearson: Uncorrected chi2(6) =	10.7669						
Design-based F(5.36, 3840.01) =	1.5044	Pr =	0.180				
FPL category							
0-35% (n=335)	25.4	[20.3, 31.3]	73.8	[67.9, 79.0]	0.8	[0.3, 2.0]	100.0
36-99% (n=234)	21.1	[15.8, 27.5]	78.5	[72.0, 83.8]	0.4	[0.1, 1.9]	100.0
100%+ (n=170)	20.5	[14.3, 28.3]	78.7	[70.8, 84.9]	0.8	[0.2, 3.2]	100.0
Pearson: Uncorrected chi2(4) =	2.3505						
Design-based F(3.48, 2531.79) =	0.7043	Pr =	0.570				
Region							
UP/NW/NE (n=133)	14.0	[8.6, 21.9]	85.0	[77.0, 90.5]	1.1	[0.2, 4.4]	100.0
W/E Central/E (n=230)	25.5	[19.7, 32.4]	73.7	[66.9, 79.6]	0.8	[0.2, 2.4]	100.0
S Central/SW/SE (n=147)	29.0	[20.9, 38.6]	69.2	[59.6, 77.4]	1.8	[0.5, 6.1]	100.0
Detroit Metro (n=229)	21.9	[16.3, 28.7]	78.0	[71.2, 83.5]	0.2	[0.0, 1.1]	100.0
Pearson: Uncorrected chi2(6) =	10.5232						
Design-based F(4.80, 3491.31) =	2.0295	Pr =	0.074				
Chronic condition (2016/2017 survey or DW)							
Yes (n=670)	23.0	[19.4, 27.2]	76.2	[72.0, 79.9]	0.8	[0.4, 1.6]	100.0
No (n=69)	27.4	[16.6, 41.8]	72.6	[58.2, 83.4]	0.0		100.0
Pearson: Uncorrected chi2(2) =	1.3500						
Design-based F(1.75, 1273.49) =	0.5541	Pr =	0.552				
Total (n=739)	23.5	[20.0, 27.5]	75.8	[71.8, 79.3]	0.7	[0.3, 1.5]	100.0

Note: Total count is less than universe count due to item non-response.

5.8.3.7 Q: Any other reason you decided to go to the ER?

Follow-up group(s): Still enrolled

Universe: Respondents who had an emergency room visit in the past 12 months (n = 773)

Any other reasons for going to ER	Weighted Proportion	95%CI
Other (n=109)	13.9	[11.2, 17.1]
Symptoms didn't improve or got worse (n=88)	10.1	[7.8, 13.0]
No response from provider/office closed (n=19)	3.0	[1.8, 4.9]
Told to go to the ER (n=25)	2.5	[1.6, 4.1]
Transportation/logistics (n=10)	1.4	[0.6, 3.0]
Difficulty getting appointment (n=6)	0.8	[0.3, 2.1]
Provider's advice wasn't helpful (n=2)	0.5	[0.1, 3.1]
N/A (n=5)	0.4	[0.2, 1.1]

Note: Respondents were able to provide multiple responses

5.9 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?

Follow-up group(s): Still enrolled

Universe: All respondents

	Needed help when usual clinic/doctor's office was closed in last 12 months						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,380)	24.4	[22.2, 26.6]	75.2	[73.0, 77.4]	0.4	[0.2, 0.8]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=663)	26.7	[22.7, 31.0]	73.1	[68.7, 77.0]	0.2	[0.1, 0.8]	100.0
35-50 (n=755)	23.3	[19.9, 27.1]	76.2	[72.3, 79.6]	0.5	[0.2, 1.5]	100.0
51-64 (n=962)	22.7	[19.6, 26.3]	76.8	[73.2, 80.0]	0.5	[0.2, 1.3]	100.0
Pearson: Uncorrected chi2(4) =	4.9553						
Design-based F(3.67, 8695.97) =	0.9988	Pr =	0.403				
Gender							
Male (n=931)	18.9	[16.1, 22.2]	80.8	[77.6, 83.7]	0.2	[0.1, 0.6]	100.0
Female (n=1,449)	29.0	[26.0, 32.1]	70.4	[67.3, 73.4]	0.6	[0.3, 1.3]	100.0
Pearson: Uncorrected chi2(2) =	35.0438						
Design-based F(1.78, 4216.19) =	14.5217	Pr =	0.000				
Race/ethnicity							
White, non-Hispanic (n=1,601)	25.5	[22.8, 28.3]	73.9	[71.1, 76.6]	0.6	[0.3, 1.2]	100.0
Black, non-Hispanic (n=475)	22.3	[18.0, 27.3]	77.5	[72.5, 81.9]	0.2	[0.0, 1.5]	100.0
Hispanic (n=99)	27.6	[17.7, 40.4]	72.4	[59.6, 82.3]	0.0		100.0
Other, non-Hispanic (n=176)	22.6	[16.1, 30.7]	77.4	[69.3, 83.9]	0.0		100.0
Pearson: Uncorrected chi2(6) =	6.8513						
Design-based F(5.71, 13363.57) =	0.7260	Pr =	0.622				
FPL category							
0-35% (n=998)	24.6	[21.5, 28.0]	75.1	[71.7, 78.3]	0.3	[0.1, 0.8]	100.0
36-99% (n=822)	23.4	[19.9, 27.2]	75.9	[72.0, 79.4]	0.7	[0.3, 1.9]	100.0
100%+ (n=560)	25.1	[21.1, 29.5]	74.5	[70.1, 78.5]	0.4	[0.1, 1.8]	100.0
Pearson: Uncorrected chi2(4) =	2.4776						
Design-based F(3.87, 9167.88) =	0.5325	Pr =	0.706				
Region							
UP/NW/NE (n=450)	24.5	[20.2, 29.4]	74.7	[69.8, 79.1]	0.8	[0.3, 2.1]	100.0
W/E Central/E (n=774)	25.7	[22.3, 29.4]	73.6	[69.9, 77.0]	0.7	[0.3, 1.7]	100.0
S Central/SW/SE (n=462)	26.4	[22.1, 31.2]	73.3	[68.5, 77.6]	0.2	[0.0, 1.7]	100.0
Detroit Metro (n=694)	22.6	[19.0, 26.7]	77.2	[73.0, 80.8]	0.2	[0.1, 1.0]	100.0
Pearson: Uncorrected chi2(6) =	6.4928						
Design-based F(5.26, 12463.39) =	0.9998	Pr =	0.418				
Chronic condition (2016/2017 survey or DW)							
Yes (n=1,923)	26.3	[23.9, 28.9]	73.2	[70.6, 75.7]	0.5	[0.2, 0.9]	100.0
No (n=457)	17.3	[13.4, 22.0]	82.5	[77.8, 86.3]	0.3	[0.1, 1.1]	100.0
Pearson: Uncorrected chi2(2) =	18.5900						
Design-based F(1.73, 4097.64) =	7.6249	Pr =	0.001				
Total (n=2,380)	24.4	[22.2, 26.6]	75.2	[73.0, 77.4]	0.4	[0.2, 0.8]	100.0

Note: Total count is less than universe count due to item non-response.

5.9.1 Q: Thinking of the last time, what did you do to get the health care help or advice you needed?

Follow-up group(s): Still enrolled

Universe: Respondents who needed health care help or advice when their usual clinic or doctor's office was closed in the last 12 months (n = 590)

Means of getting help when usual clinic or doctor's office closed	Weighted Proportion	95%CI
Went to ER (n=203)	36.4	[31.5, 41.7]
Went to Urgent Care/Walk-in clinic (n=185)	29.1	[24.8, 33.8]
Got advice elsewhere (n=94)	16.2	[12.9, 20.2]
Phone/email with PCP office (n=57)	10.3	[7.6, 13.8]
Got PCP appointment next day/soon (n=47)	8.5	[6.0, 11.9]
Did not seek care, problem did not improve (n=9)	1.4	[0.7, 2.9]
Problem improved without seeking care (n=8)	1.1	[0.5, 2.7]
Other (n=7)	1.0	[0.4, 2.3]
Don't know (n=1)	0.1	[0.0, 0.9]

Note: Respondents were able to provide multiple responses

5.10 Q: If I have a medical problem, my preference is to go straight to a doctor and ask his or her opinion.

Follow-up group(s): Still enrolled

Universe: All respondents

	Preference is to go straight to doctor for a medical problem												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	
Follow-up group													
Still enrolled (n=2,387)	15.7	[13.9, 17.7]	68.1	[65.6, 70.5]	8.5	[7.1, 10.2]	6.6	[5.4, 8.1]	0.5	[0.3, 0.9]	0.5	[0.2, 1.3]	100.0
Pearson: Uncorrected chi2(0) =		
Design-based F(., .) =	.		Pr =	.									
Age													
19-34 (n=663)	14.7	[11.6, 18.5]	65.5	[60.7, 70.0]	11.4	[8.5, 15.1]	7.8	[5.6, 10.9]	0.6	[0.2, 1.7]	0.0		100.0
35-50 (n=760)	18.4	[15.0, 22.3]	68.2	[63.8, 72.3]	6.6	[4.8, 9.1]	5.3	[3.7, 7.6]	0.5	[0.1, 1.5]	1.0	[0.3, 3.4]	100.0
51-64 (n=964)	13.8	[11.4, 16.5]	71.2	[67.6, 74.5]	7.2	[5.5, 9.3]	6.8	[5.0, 9.2]	0.3	[0.1, 0.8]	0.7	[0.3, 1.6]	100.0
Pearson: Uncorrected chi2(10) =	33.7678												
Design-based F(8.31, 19731.41) =	2.1149		Pr =	0.029									
Gender													
Male (n=933)	16.1	[13.2, 19.4]	68.7	[64.7, 72.4]	7.5	[5.7, 9.9]	6.2	[4.5, 8.5]	0.6	[0.2, 1.5]	1.0	[0.4, 2.7]	100.0
Female (n=1,454)	15.4	[13.1, 18.0]	67.6	[64.4, 70.7]	9.3	[7.4, 11.7]	7.0	[5.5, 9.0]	0.4	[0.2, 0.9]	0.2	[0.1, 0.5]	100.0
Pearson: Uncorrected chi2(5) =	11.1517												
Design-based F(4.72, 11200.27) =	1.4869		Pr =	0.194									
Race/ethnicity													
White, non-Hispanic (n=1,603)	14.5	[12.2, 17.0]	65.2	[62.0, 68.3]	10.4	[8.5, 12.7]	8.4	[6.8, 10.5]	0.7	[0.4, 1.4]	0.8	[0.3, 2.0]	100.0
Black, non-Hispanic (n=479)	18.3	[14.6, 22.8]	72.5	[67.4, 77.1]	5.0	[3.2, 7.8]	3.6	[2.0, 6.7]	0.2	[0.0, 1.6]	0.3	[0.0, 2.1]	100.0
Hispanic (n=100)	12.8	[5.9, 25.5]	75.8	[61.7, 85.8]	8.2	[2.5, 23.4]	3.3	[1.0, 10.1]	0.0		0.0		100.0
Other, non-Hispanic (n=175)	20.2	[14.0, 28.1]	69.1	[60.4, 76.6]	6.0	[3.1, 11.2]	4.5	[2.0, 10.0]	0.1	[0.0, 1.0]	0.1	[0.0, 1.0]	100.0
Pearson: Uncorrected chi2(15) =	53.7341												
Design-based F(12.50, 29306.76) =	2.1355		Pr =	0.011									
FPL category													
0-35% (n=1,001)	16.4	[13.7, 19.5]	66.9	[63.0, 70.5]	8.9	[6.8, 11.6]	6.5	[4.7, 8.9]	0.6	[0.3, 1.3]	0.8	[0.3, 2.2]	100.0
36-99% (n=824)	15.7	[12.7, 19.2]	69.3	[65.4, 73.0]	8.0	[6.2, 10.2]	6.4	[4.9, 8.4]	0.1	[0.0, 0.5]	0.5	[0.2, 1.1]	100.0
100%+ (n=562)	13.6	[10.8, 17.0]	70.2	[65.8, 74.3]	8.1	[6.0, 10.8]	7.5	[5.4, 10.4]	0.6	[0.1, 2.6]	0.0		100.0
Pearson: Uncorrected chi2(10) =	9.1258												
Design-based F(7.83, 18586.78) =	0.6996		Pr =	0.689									
Region													
UP/NW/NE (n=450)	12.4	[9.3, 16.3]	65.8	[60.6, 70.7]	8.2	[5.6, 11.7]	12.6	[9.5, 16.6]	0.3	[0.1, 1.2]	0.7	[0.2, 2.3]	100.0
W/E Central/E (n=777)	17.4	[14.3, 21.1]	67.6	[63.5, 71.4]	8.8	[6.7, 11.6]	5.0	[3.6, 7.0]	0.7	[0.2, 1.9]	0.5	[0.2, 1.4]	100.0
S Central/SW/SE (n=464)	12.1	[9.2, 15.8]	67.7	[62.7, 72.4]	9.9	[7.1, 13.5]	9.1	[6.5, 12.7]	0.9	[0.3, 2.8]	0.3	[0.0, 1.8]	100.0
Detroit Metro (n=696)	16.7	[13.5, 20.4]	69.1	[64.5, 73.3]	7.9	[5.5, 11.0]	5.5	[3.6, 8.5]	0.2	[0.1, 0.9]	0.6	[0.1, 2.9]	100.0
Pearson: Uncorrected chi2(15) =	33.6713												
Design-based F(12.27, 29135.79) =	1.7670		Pr =	0.046									
Chronic condition (2016/2017 survey or DW)													
Yes (n=1,930)	16.1	[14.1, 18.4]	69.0	[66.2, 71.7]	7.8	[6.3, 9.6]	6.1	[4.8, 7.8]	0.3	[0.1, 0.6]	0.6	[0.2, 1.6]	100.0
No (n=457)	14.2	[10.5, 19.0]	64.8	[59.1, 70.0]	11.0	[7.9, 15.2]	8.5	[6.0, 11.8]	1.2	[0.4, 3.1]	0.3	[0.1, 1.4]	100.0
Pearson: Uncorrected chi2(5) =	17.1862												
Design-based F(4.79, 11388.03) =	2.2596		Pr =	0.048									
Total (n=2,387)	15.7	[13.9, 17.7]	68.1	[65.6, 70.5]	8.5	[7.1, 10.2]	6.6	[5.4, 8.1]	0.5	[0.3, 0.9]	0.5	[0.2, 1.3]	100.0

Note: Total count is less than universe count due to item non-response.

5.11 Q: I'm often embarrassed to go see a doctor.

Follow-up group(s): No longer enrolled

Universe: All respondents

	Strongly agree		Agree		Neutral		Embarrassed to go see a doctor Disagree		Strongly disagree		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group													
No longer enrolled (n=709)	2.4	[1.3, 4.4]	9.2	[6.8, 12.4]	3.6	[2.3, 5.7]	63.4	[58.8, 67.8]	20.7	[17.1, 24.8]	0.7	[0.2, 2.2]	100.0
Pearson: Uncorrected chi2(0) =
Design-based F(., .) =	.	Pr =
Age													
19-34 (n=245)	2.1	[0.8, 5.4]	7.4	[4.6, 11.6]	6.2	[3.4, 10.9]	56.7	[48.8, 64.3]	26.9	[20.3, 34.7]	0.7	[0.1, 5.0]	100.0
35-50 (n=209)	1.6	[0.4, 5.4]	13.1	[7.8, 21.2]	0.7	[0.1, 2.9]	68.5	[60.1, 75.9]	16.1	[11.0, 23.1]	0.0		100.0
51-64 (n=255)	3.9	[1.4, 10.4]	7.7	[4.6, 12.6]	2.9	[1.5, 5.6]	68.0	[60.7, 74.5]	16.1	[11.8, 21.5]	1.5	[0.4, 5.7]	100.0
Pearson: Uncorrected chi2(10) =	35.0580												
Design-based F(9.24, 6442.34) =	2.4355	Pr =	0.009										
Gender													
Male (n=297)	3.7	[1.7, 7.7]	12.1	[8.1, 17.7]	3.8	[1.8, 7.7]	61.6	[54.3, 68.5]	18.2	[13.1, 24.6]	0.6	[0.1, 4.2]	100.0
Female (n=412)	1.1	[0.4, 2.9]	6.4	[4.2, 9.7]	3.4	[2.0, 5.8]	65.1	[59.3, 70.5]	23.2	[18.4, 28.8]	0.8	[0.2, 3.1]	100.0
Pearson: Uncorrected chi2(5) =	13.7794												
Design-based F(4.88, 3403.38) =	1.8112	Pr =	0.109										
Race/ethnicity													
White, non-Hispanic (n=455)	2.5	[1.1, 5.8]	7.6	[5.3, 10.8]	4.7	[2.7, 8.0]	61.3	[55.5, 66.7]	23.6	[19.2, 28.8]	0.4	[0.1, 2.6]	100.0
Black, non-Hispanic (n=155)	3.5	[1.4, 8.4]	11.5	[6.4, 20.0]	1.4	[0.4, 4.5]	63.6	[53.2, 72.9]	19.9	[12.2, 30.8]	0.0		100.0
Hispanic (n=38)	0.0		15.5	[5.5, 36.5]	5.6	[1.5, 19.4]	73.3	[53.8, 86.6]	2.2	[0.5, 8.8]	3.3	[0.5, 20.2]	100.0
Other, non-Hispanic (n=52)	0.0		10.7	[3.4, 29.4]	2.3	[0.5, 9.3]	73.0	[56.1, 85.1]	10.3	[4.4, 22.1]	3.7	[0.5, 22.1]	100.0
Pearson: Uncorrected chi2(15) =	38.1279												
Design-based F(13.29, 9143.87) =	1.7199	Pr =	0.049										
FPL category													
0-35% (n=217)	4.7	[2.2, 9.7]	9.9	[5.8, 16.5]	3.5	[1.4, 8.4]	61.0	[52.2, 69.0]	21.0	[14.5, 29.3]	0.0		100.0
36-99% (n=260)	1.3	[0.5, 3.6]	10.0	[6.6, 15.0]	3.7	[2.0, 6.7]	65.1	[58.4, 71.3]	18.3	[13.8, 23.9]	1.6	[0.4, 6.2]	100.0
100%+ (n=232)	0.3	[0.0, 2.1]	7.2	[4.0, 12.4]	3.7	[1.7, 7.8]	65.0	[57.2, 72.0]	23.2	[17.2, 30.4]	0.7	[0.1, 4.7]	100.0
Pearson: Uncorrected chi2(10) =	18.2238												
Design-based F(9.09, 6337.87) =	1.3537	Pr =	0.203										
Region													
UP/NW/NE (n=124)	0.5	[0.1, 3.4]	6.2	[3.1, 11.9]	3.8	[1.4, 10.4]	61.5	[51.6, 70.5]	28.0	[20.0, 37.7]	0.0		100.0
W/E Central/E (n=203)	1.6	[0.4, 6.9]	9.5	[5.9, 14.9]	4.0	[2.0, 8.1]	67.3	[59.6, 74.1]	17.5	[12.5, 24.1]	0.0		100.0
S Central/SW/SE (n=169)	2.0	[0.7, 5.7]	10.8	[6.0, 18.5]	5.0	[2.5, 9.7]	59.8	[50.6, 68.4]	22.5	[16.2, 30.4]	0.0		100.0
Detroit Metro (n=213)	3.7	[1.5, 8.4]	8.8	[5.0, 15.2]	2.4	[0.7, 7.9]	63.0	[54.3, 71.0]	20.2	[13.7, 28.9]	1.8	[0.6, 5.5]	100.0
Pearson: Uncorrected chi2(15) =	18.0063												
Design-based F(11.48, 8003.19) =	1.0195	Pr =	0.426										
Chronic condition (2016/2017 survey or DW)													
Yes (n=538)	2.3	[1.1, 4.8]	10.8	[7.8, 14.6]	3.2	[1.9, 5.2]	63.6	[58.3, 68.7]	19.2	[15.1, 24.1]	1.0	[0.3, 3.1]	100.0
No (n=171)	2.8	[1.0, 7.7]	5.4	[2.4, 11.7]	4.7	[1.9, 11.3]	62.7	[53.3, 71.2]	24.4	[17.6, 32.8]	0.0		100.0
Pearson: Uncorrected chi2(5) =	9.4347												
Design-based F(4.99, 3478.88) =	1.1015	Pr =	0.357										
Total (n=709)	2.4	[1.3, 4.4]	9.2	[6.8, 12.4]	3.6	[2.3, 5.7]	63.4	[58.8, 67.8]	20.7	[17.1, 24.8]	0.7	[0.2, 2.2]	100.0

5.12 Q: Getting regular check-ups is not very important when you are healthy.

Follow-up group(s): No longer enrolled

Universe: All respondents

	Strongly agree		Agree		Check-ups are not important if you are healthy				Strongly disagree		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Neutral	95%CI	Disagree	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group													
No longer enrolled (n=709)	0.9	[0.4, 1.9]	11.7	[9.0, 15.0]	4.0	[2.5, 6.4]	64.9	[60.2, 69.3]	18.5	[15.0, 22.7]	0.1	[0.0, 0.6]	100.0
Pearson: Uncorrected chi2(0) =	.												
Design-based F(., .) =	.	Pr =	.										
Age													
19-34 (n=245)	0.9	[0.2, 3.5]	12.2	[8.3, 17.6]	3.8	[1.6, 8.5]	61.2	[53.1, 68.8]	21.9	[15.6, 29.8]	0.0		100.0
35-50 (n=209)	0.4	[0.1, 2.8]	11.9	[7.3, 18.9]	2.9	[1.4, 5.9]	70.2	[62.1, 77.2]	14.6	[9.6, 21.6]	0.0		100.0
51-64 (n=255)	1.4	[0.6, 3.6]	10.5	[6.3, 17.1]	5.6	[2.5, 12.1]	64.5	[56.8, 71.5]	17.7	[13.0, 23.6]	0.3	[0.0, 2.2]	100.0
Pearson: Uncorrected chi2(10) =	10.2998												
Design-based F(9.01, 6279.75) =	0.7616	Pr =	0.652										
Gender													
Male (n=297)	1.1	[0.4, 2.9]	15.3	[10.9, 21.2]	5.3	[2.7, 10.1]	59.6	[52.2, 66.6]	18.5	[13.3, 25.2]	0.2	[0.0, 1.2]	100.0
Female (n=412)	0.7	[0.2, 2.4]	8.0	[5.4, 11.7]	2.7	[1.5, 4.9]	70.1	[64.4, 75.3]	18.5	[14.2, 23.9]	0.0		100.0
Pearson: Uncorrected chi2(5) =	15.1777												
Design-based F(4.50, 3135.24) =	2.4582	Pr =	0.037										
Race/ethnicity													
White, non-Hispanic (n=455)	1.1	[0.5, 2.7]	9.5	[6.9, 13.1]	4.5	[2.6, 7.9]	68.0	[62.4, 73.1]	16.7	[12.8, 21.5]	0.1	[0.0, 1.0]	100.0
Black, non-Hispanic (n=155)	0.7	[0.1, 4.5]	11.9	[6.8, 20.2]	3.7	[1.1, 11.3]	60.0	[49.6, 69.6]	23.7	[15.6, 34.4]	0.0		100.0
Hispanic (n=38)	1.2	[0.2, 8.3]	20.5	[8.7, 41.1]	2.8	[0.6, 11.3]	61.6	[42.5, 77.7]	13.9	[5.7, 29.9]	0.0		100.0
Other, non-Hispanic (n=52)	0.0		21.5	[9.9, 40.4]	2.5	[0.6, 10.4]	60.5	[43.5, 75.3]	15.5	[7.0, 30.9]	0.0		100.0
Pearson: Uncorrected chi2(15) =	16.8631												
Design-based F(12.76, 8775.65) =	0.8296	Pr =	0.627										
FPL category													
0-35% (n=217)	1.1	[0.4, 3.3]	10.9	[6.7, 17.1]	4.1	[1.9, 9.0]	60.7	[51.9, 68.8]	23.3	[16.4, 31.9]	0.0		100.0
36-99% (n=260)	0.2	[0.0, 1.7]	11.5	[7.4, 17.3]	4.3	[1.8, 9.8]	69.5	[62.5, 75.7]	14.5	[10.5, 19.7]	0.0		100.0
100%+ (n=232)	1.4	[0.4, 4.5]	13.1	[8.5, 19.7]	3.4	[1.5, 7.4]	65.7	[58.0, 72.6]	16.2	[11.4, 22.4]	0.3	[0.0, 2.2]	100.0
Pearson: Uncorrected chi2(10) =	11.7675												
Design-based F(8.36, 5826.22) =	0.9966	Pr =	0.438										
Region													
UP/NW/NE (n=124)	0.4	[0.1, 2.7]	10.6	[6.2, 17.5]	5.0	[2.1, 11.4]	65.9	[56.1, 74.5]	18.1	[11.6, 27.2]	0.0		100.0
W/E Central/E (n=203)	0.7	[0.2, 2.9]	13.8	[9.0, 20.7]	3.5	[1.7, 7.4]	66.4	[58.5, 73.5]	15.5	[10.6, 22.1]	0.0		100.0
S Central/SW/SE (n=169)	1.8	[0.5, 5.8]	10.3	[5.6, 18.2]	2.9	[1.1, 7.2]	65.2	[56.0, 73.4]	19.8	[13.8, 27.7]	0.0		100.0
Detroit Metro (n=213)	0.6	[0.1, 2.8]	11.1	[6.9, 17.3]	4.8	[2.0, 11.0]	63.3	[54.5, 71.3]	20.0	[13.5, 28.7]	0.2	[0.0, 1.5]	100.0
Pearson: Uncorrected chi2(15) =	6.8203												
Design-based F(11.30, 7875.14) =	0.4496	Pr =	0.937										
Chronic condition (2016/2017 survey or DW)													
Yes (n=538)	1.0	[0.4, 2.3]	11.1	[8.2, 15.0]	3.9	[2.3, 6.6]	66.3	[61.0, 71.3]	17.5	[13.6, 22.4]	0.1	[0.0, 0.8]	100.0
No (n=171)	0.6	[0.1, 4.3]	13.0	[7.9, 20.7]	4.2	[1.5, 11.3]	61.2	[51.5, 70.0]	21.0	[14.3, 29.7]	0.0		100.0
Pearson: Uncorrected chi2(5) =	2.4404												
Design-based F(4.42, 3082.24) =	0.3285	Pr =	0.876										
Total (n=709)	0.9	[0.4, 1.9]	11.7	[9.0, 15.0]	4.0	[2.5, 6.4]	64.9	[60.2, 69.3]	18.5	[15.0, 22.7]	0.1	[0.0, 0.6]	100.0

5.13 Q: Going to public or free clinics is just fine with me.

Follow-up group(s): No longer enrolled

Universe: All respondents

	Strongly agree		Agree		Neutral		Public/free clinic is fine with me Disagree		Strongly disagree		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group													
No longer enrolled (n=709)	9.5	[7.1, 12.6]	59.0	[54.3, 63.5]	10.5	[8.0, 13.6]	17.8	[14.5, 21.8]	2.5	[1.5, 4.4]	0.6	[0.2, 1.6]	100.0
Pearson: Uncorrected chi2(0) =	.		.										
Design-based F(., .) =	.	Pr =	.										
Age													
19-34 (n=245)	9.2	[5.8, 14.2]	60.9	[52.9, 68.3]	13.2	[8.8, 19.5]	13.4	[8.6, 20.3]	2.9	[1.1, 7.3]	0.4	[0.1, 2.8]	100.0
35-50 (n=209)	8.4	[4.5, 14.9]	59.5	[51.4, 67.1]	8.5	[5.2, 13.7]	21.4	[15.5, 28.8]	1.7	[0.6, 5.2]	0.5	[0.1, 3.6]	100.0
51-64 (n=255)	11.4	[7.1, 17.7]	55.5	[47.8, 62.9]	8.5	[5.5, 13.0]	20.8	[15.0, 28.0]	2.9	[1.4, 6.0]	0.9	[0.2, 3.7]	100.0
Pearson: Uncorrected chi2(10) =	12.4491												
Design-based F(9.49, 6616.66) =	0.9012	Pr =	0.527										
Gender													
Male (n=297)	10.3	[6.8, 15.4]	62.5	[55.1, 69.3]	9.2	[5.7, 14.3]	15.3	[10.4, 21.9]	2.8	[1.2, 6.1]	0.0		100.0
Female (n=412)	8.7	[5.9, 12.7]	55.5	[49.7, 61.2]	11.9	[8.7, 16.0]	20.4	[16.2, 25.3]	2.3	[1.1, 5.0]	1.2	[0.4, 3.1]	100.0
Pearson: Uncorrected chi2(5) =	9.9782												
Design-based F(4.87, 3393.03) =	1.3369	Pr =	0.247										
Race/ethnicity													
White, non-Hispanic (n=455)	9.1	[6.4, 12.8]	56.7	[50.9, 62.3]	13.2	[9.7, 17.7]	17.9	[14.0, 22.7]	2.5	[1.3, 5.0]	0.5	[0.1, 2.1]	100.0
Black, non-Hispanic (n=155)	9.7	[5.1, 17.8]	59.7	[49.6, 69.1]	6.9	[3.6, 12.8]	19.7	[12.3, 30.2]	4.0	[1.6, 9.8]	0.0		100.0
Hispanic (n=38)	13.8	[4.6, 34.5]	76.3	[57.4, 88.5]	4.3	[1.2, 13.7]	5.7	[1.7, 17.5]	0.0		0.0		100.0
Other, non-Hispanic (n=52)	8.3	[2.9, 21.5]	66.2	[50.2, 79.1]	6.2	[1.3, 25.5]	15.9	[8.5, 27.8]	0.0		3.4	[0.8, 12.7]	100.0
Pearson: Uncorrected chi2(15) =	28.2391												
Design-based F(13.53, 9308.77) =	1.2912	Pr =	0.206										
FPL category													
0-35% (n=217)	9.5	[5.7, 15.5]	58.5	[50.0, 66.6]	9.9	[5.9, 16.2]	18.4	[12.5, 26.3]	3.0	[1.1, 7.5]	0.7	[0.2, 2.7]	100.0
36-99% (n=260)	11.0	[7.0, 16.7]	61.9	[54.8, 68.6]	10.6	[7.2, 15.5]	14.6	[10.4, 20.3]	1.8	[0.8, 4.3]	0.0		100.0
100%+ (n=232)	7.8	[4.6, 12.8]	56.1	[48.3, 63.6]	11.3	[7.3, 17.0]	20.9	[15.3, 27.9]	2.8	[1.1, 6.8]	1.1	[0.3, 4.6]	100.0
Pearson: Uncorrected chi2(10) =	7.3888												
Design-based F(9.44, 6577.38) =	0.5499	Pr =	0.846										
Region													
UP/NW/NE (n=124)	8.3	[4.3, 15.2]	72.0	[62.6, 79.8]	3.7	[1.4, 9.3]	12.0	[7.0, 19.9]	4.0	[1.7, 9.1]	0.0		100.0
W/E Central/E (n=203)	5.3	[2.7, 10.1]	62.2	[54.3, 69.5]	15.0	[10.3, 21.4]	15.9	[10.9, 22.6]	0.9	[0.2, 4.1]	0.6	[0.1, 4.1]	100.0
S Central/SW/SE (n=169)	9.0	[5.3, 14.9]	58.7	[49.4, 67.4]	13.5	[8.1, 21.8]	14.8	[9.8, 21.7]	3.4	[1.5, 7.8]	0.6	[0.1, 4.0]	100.0
Detroit Metro (n=213)	13.2	[8.5, 20.0]	53.8	[45.3, 62.1]	7.0	[3.9, 12.4]	22.4	[15.9, 30.5]	2.9	[1.0, 7.9]	0.7	[0.2, 2.8]	100.0
Pearson: Uncorrected chi2(15) =	32.0937												
Design-based F(13.37, 9320.38) =	1.8322	Pr =	0.031										
Chronic condition (2016/2017 survey or DW)													
Yes (n=538)	8.8	[6.2, 12.4]	57.8	[52.5, 62.9]	8.7	[6.4, 11.8]	20.7	[16.4, 25.7]	3.2	[1.7, 5.7]	0.8	[0.3, 2.2]	100.0
No (n=171)	11.3	[6.7, 18.3]	62.1	[52.7, 70.6]	15.1	[9.4, 23.2]	10.6	[6.8, 16.2]	1.0	[0.2, 3.9]	0.0		100.0
Pearson: Uncorrected chi2(5) =	19.3499												
Design-based F(4.81, 3352.16) =	2.8872	Pr =	0.014										
Total (n=709)	9.5	[7.1, 12.6]	59.0	[54.3, 63.5]	10.5	[8.0, 13.6]	17.8	[14.5, 21.8]	2.5	[1.5, 4.4]	0.6	[0.2, 1.6]	100.0

5.14 Q: Sometimes I go to the ER because I know they can't turn me away.

Follow-up group(s): No longer enrolled

Universe: All respondents

	Strongly agree		Agree		Go to ER because they can't deny care				Strongly disagree		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Neutral	95%CI	Disagree	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group													
No longer enrolled (n=708)	3.7	[2.3, 5.9]	18.7	[15.5, 22.5]	7.8	[5.5, 10.8]	51.8	[47.1, 56.5]	16.6	[13.3, 20.4]	1.5	[0.7, 2.8]	100.0
Pearson: Uncorrected chi2(0) =	.		.										
Design-based F(., .) =	.	Pr =	.										
Age													
19-34 (n=245)	4.9	[2.5, 9.4]	16.2	[11.7, 21.9]	9.1	[5.6, 14.4]	46.3	[38.5, 54.4]	22.5	[16.3, 30.1]	0.9	[0.3, 3.0]	100.0
35-50 (n=208)	2.5	[0.9, 6.7]	21.5	[15.2, 29.5]	5.8	[2.6, 12.5]	56.0	[47.8, 63.9]	12.0	[8.1, 17.3]	2.3	[0.8, 6.5]	100.0
51-64 (n=255)	3.0	[1.2, 7.4]	19.6	[14.2, 26.5]	7.8	[4.2, 14.0]	55.7	[48.0, 63.1]	12.5	[8.6, 17.9]	1.3	[0.4, 4.5]	100.0
Pearson: Uncorrected chi2(10) =	21.5944												
Design-based F(9.60, 6678.47) =	1.5103	Pr =	0.132										
Gender													
Male (n=297)	4.8	[2.6, 8.8]	20.1	[15.1, 26.2]	10.0	[6.2, 15.7]	49.9	[42.6, 57.2]	13.8	[9.6, 19.5]	1.4	[0.5, 4.0]	100.0
Female (n=411)	2.5	[1.2, 5.2]	17.4	[13.4, 22.1]	5.5	[3.6, 8.3]	53.7	[47.9, 59.5]	19.3	[14.8, 24.9]	1.6	[0.7, 3.6]	100.0
Pearson: Uncorrected chi2(5) =	11.7334												
Design-based F(4.95, 3445.66) =	1.6049	Pr =	0.156										
Race/ethnicity													
White, non-Hispanic (n=455)	2.1	[1.0, 4.4]	15.0	[11.7, 19.1]	7.8	[5.2, 11.4]	52.3	[46.5, 58.1]	21.1	[16.5, 26.6]	1.7	[0.7, 4.0]	100.0
Black, non-Hispanic (n=155)	6.1	[2.9, 12.5]	23.7	[16.3, 33.1]	8.3	[3.8, 17.1]	52.2	[42.4, 61.9]	9.3	[5.3, 16.0]	0.4	[0.1, 2.6]	100.0
Hispanic (n=37)	7.5	[1.4, 31.9]	19.2	[9.0, 36.3]	5.3	[1.2, 20.5]	51.2	[32.6, 69.5]	11.2	[2.0, 43.2]	5.6	[1.4, 20.2]	100.0
Other, non-Hispanic (n=52)	4.9	[1.4, 16.3]	29.2	[16.6, 46.2]	7.2	[1.7, 25.5]	48.6	[33.0, 64.5]	9.3	[3.9, 20.4]	0.8	[0.1, 5.4]	100.0
Pearson: Uncorrected chi2(15) =	37.2545												
Design-based F(12.74, 8750.38) =	1.6208	Pr =	0.073										
FPL category													
0-35% (n=217)	4.3	[2.1, 8.8]	19.4	[13.6, 26.8]	8.6	[4.7, 15.1]	50.3	[41.8, 58.8]	15.9	[10.5, 23.4]	1.5	[0.4, 5.2]	100.0
36-99% (n=259)	3.6	[1.6, 7.7]	19.2	[14.3, 25.2]	8.9	[5.5, 14.1]	52.9	[45.8, 59.8]	14.6	[10.6, 19.9]	0.9	[0.2, 3.1]	100.0
100%+ (n=232)	2.8	[1.0, 7.4]	17.2	[12.4, 23.4]	5.1	[2.7, 9.4]	52.7	[44.9, 60.5]	20.0	[13.9, 28.0]	2.1	[0.9, 5.0]	100.0
Pearson: Uncorrected chi2(10) =	6.7366												
Design-based F(9.44, 6571.44) =	0.4772	Pr =	0.898										
Region													
UP/NW/NE (n=124)	1.4	[0.2, 9.5]	13.8	[8.3, 21.9]	4.2	[1.9, 8.9]	53.7	[43.8, 63.4]	22.5	[15.2, 32.1]	4.4	[1.7, 10.8]	100.0
W/E Central/E (n=202)	2.3	[0.8, 6.6]	19.8	[14.5, 26.5]	8.4	[5.0, 13.9]	49.7	[41.8, 57.6]	17.9	[12.1, 25.6]	1.8	[0.5, 6.9]	100.0
S Central/SW/SE (n=169)	3.4	[1.4, 8.2]	16.8	[11.0, 24.9]	12.8	[7.5, 21.1]	48.2	[38.9, 57.7]	17.1	[11.8, 24.3]	1.6	[0.4, 5.6]	100.0
Detroit Metro (n=213)	5.4	[2.7, 10.3]	20.2	[14.4, 27.5]	5.1	[2.2, 11.6]	55.0	[46.5, 63.3]	13.9	[8.6, 21.6]	0.4	[0.1, 2.9]	100.0
Pearson: Uncorrected chi2(15) =	24.7861												
Design-based F(13.02, 9065.24) =	1.2647	Pr =	0.226										
Chronic condition (2016/2017 survey or DW)													
Yes (n=538)	4.6	[2.8, 7.6]	18.8	[15.1, 23.2]	6.2	[4.0, 9.7]	53.7	[48.4, 58.9]	15.3	[11.9, 19.4]	1.3	[0.5, 3.3]	100.0
No (n=170)	1.2	[0.4, 3.9]	18.5	[12.5, 26.5]	11.6	[6.8, 19.1]	47.1	[37.6, 56.7]	19.8	[12.9, 29.1]	1.8	[0.8, 4.4]	100.0
Pearson: Uncorrected chi2(5) =	13.1585												
Design-based F(4.66, 3240.78) =	1.7892	Pr =	0.117										
Total (n=708)	3.7	[2.3, 5.9]	18.7	[15.5, 22.5]	7.8	[5.5, 10.8]	51.8	[47.1, 56.5]	16.6	[13.3, 20.4]	1.5	[0.7, 2.8]	100.0

Note: Total count is less than universe count due to item non-response.

5.15 Q: Sometimes I go to the ER because I don't have another place to get care.

Follow-up group(s): No longer enrolled

Universe: All respondents

	Strongly agree		Agree		Go to ER because it's the only place to get care				Strongly disagree		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Neutral	95%CI	Disagree	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group													
No longer enrolled (n=708)	5.8	[4.0, 8.2]	27.8	[24.0, 32.0]	5.9	[4.0, 8.5]	46.7	[42.1, 51.4]	12.8	[9.9, 16.4]	1.1	[0.5, 2.5]	100.0
Pearson: Uncorrected chi2(0) =	.		.										
Design-based F(., .) =	.	Pr =	.										
Age													
19-34 (n=245)	7.8	[4.6, 13.0]	26.0	[20.1, 32.9]	7.1	[4.1, 12.3]	44.1	[36.3, 52.3]	14.9	[10.0, 21.7]	0.0		100.0
35-50 (n=208)	4.7	[2.5, 8.7]	34.6	[27.2, 42.8]	3.6	[1.7, 7.4]	44.4	[36.7, 52.4]	10.7	[6.4, 17.6]	2.0	[0.6, 6.4]	100.0
51-64 (n=255)	3.8	[1.9, 7.5]	23.0	[17.8, 29.3]	6.4	[3.3, 12.2]	53.3	[45.8, 60.8]	11.7	[7.9, 16.9]	1.8	[0.6, 5.1]	100.0
Pearson: Uncorrected chi2(10) =	22.4572												
Design-based F(9.55, 6646.79) =	1.6346	Pr =	0.094										
Gender													
Male (n=297)	6.8	[4.2, 10.8]	29.9	[23.9, 36.7]	7.3	[4.2, 12.3]	44.3	[37.1, 51.7]	10.3	[6.6, 15.7]	1.4	[0.5, 4.0]	100.0
Female (n=411)	4.8	[2.7, 8.3]	25.7	[21.1, 30.8]	4.5	[2.8, 7.0]	49.1	[43.3, 54.9]	15.2	[11.2, 20.4]	0.8	[0.2, 2.7]	100.0
Pearson: Uncorrected chi2(5) =	9.7357												
Design-based F(4.93, 3428.13) =	1.3210	Pr =	0.253										
Race/ethnicity													
White, non-Hispanic (n=455)	5.2	[3.2, 8.2]	26.0	[21.5, 31.1]	6.8	[4.3, 10.5]	45.5	[39.7, 51.4]	14.8	[11.0, 19.7]	1.6	[0.7, 4.0]	100.0
Black, non-Hispanic (n=155)	5.9	[3.0, 11.1]	29.0	[21.3, 38.3]	4.7	[1.9, 11.1]	50.7	[40.9, 60.4]	9.8	[4.9, 18.6]	0.0		100.0
Hispanic (n=37)	16.1	[4.7, 42.7]	19.3	[9.2, 36.2]	4.9	[1.0, 20.7]	57.4	[37.8, 74.9]	2.3	[0.6, 9.1]	0.0		100.0
Other, non-Hispanic (n=52)	3.5	[1.1, 10.9]	42.4	[27.1, 59.4]	4.7	[1.1, 17.4]	37.7	[23.6, 54.2]	10.2	[4.4, 21.8]	1.5	[0.2, 9.9]	100.0
Pearson: Uncorrected chi2(15) =	27.8754												
Design-based F(13.17, 9049.67) =	1.3211	Pr =	0.191										
FPL category													
0-35% (n=217)	6.3	[3.3, 11.7]	27.0	[20.4, 34.8]	5.5	[2.7, 10.7]	48.5	[40.0, 57.0]	10.9	[6.4, 18.0]	1.8	[0.6, 5.4]	100.0
36-99% (n=259)	6.2	[3.9, 9.7]	29.1	[23.1, 35.9]	8.2	[4.8, 13.7]	45.2	[38.3, 52.3]	11.2	[7.7, 16.0]	0.2	[0.0, 1.3]	100.0
100%+ (n=232)	4.5	[2.1, 9.3]	27.5	[21.3, 34.6]	3.7	[1.8, 7.3]	45.8	[38.2, 53.6]	17.5	[11.8, 25.2]	1.0	[0.3, 3.4]	100.0
Pearson: Uncorrected chi2(10) =	12.8058												
Design-based F(8.93, 6211.93) =	0.9769	Pr =	0.456										
Region													
UP/NW/NE (n=124)	3.6	[1.2, 10.0]	28.2	[20.3, 37.6]	4.3	[1.9, 9.7]	44.0	[34.6, 54.0]	16.9	[10.6, 25.8]	3.0	[0.9, 9.6]	100.0
W/E Central/E (n=202)	5.0	[2.5, 9.7]	26.0	[19.9, 33.2]	6.4	[3.4, 11.7]	50.8	[42.8, 58.7]	10.7	[6.2, 17.8]	1.2	[0.2, 7.8]	100.0
S Central/SW/SE (n=169)	7.7	[4.5, 12.8]	27.2	[19.4, 36.6]	5.4	[2.8, 10.2]	42.3	[33.2, 52.0]	15.9	[10.7, 22.8]	1.6	[0.4, 5.5]	100.0
Detroit Metro (n=213)	5.7	[2.8, 11.2]	29.4	[22.8, 37.1]	6.1	[3.0, 12.0]	46.9	[38.6, 55.4]	11.6	[6.8, 19.0]	0.3	[0.0, 2.2]	100.0
Pearson: Uncorrected chi2(15) =	11.3877												
Design-based F(12.99, 9043.14) =	0.5971	Pr =	0.859										
Chronic condition (2016/2017 survey or DW)													
Yes (n=538)	5.6	[3.7, 8.3]	27.9	[23.6, 32.6]	4.6	[2.9, 7.3]	48.0	[42.8, 53.3]	12.6	[9.3, 16.8]	1.4	[0.6, 3.3]	100.0
No (n=170)	6.2	[2.9, 12.8]	27.6	[20.1, 36.7]	9.1	[4.9, 16.3]	43.4	[34.0, 53.3]	13.3	[8.2, 20.9]	0.3	[0.0, 2.1]	100.0
Pearson: Uncorrected chi2(5) =	7.4678												
Design-based F(4.63, 3225.07) =	0.9816	Pr =	0.424										
Total (n=708)	5.8	[4.0, 8.2]	27.8	[24.0, 32.0]	5.9	[4.0, 8.5]	46.7	[42.1, 51.4]	12.8	[9.9, 16.4]	1.1	[0.5, 2.5]	100.0

Note: Total count is less than universe count due to item non-response.

5.16 Q: In the past 12 months, did you check how much you would pay for a doctor's visit, medication, or other health care service before you received care?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Checked cost before receiving care in past 12 months						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,387)	23.7	[21.5, 26.1]	75.0	[72.6, 77.3]	1.3	[0.7, 2.1]	100.0
No longer enrolled (n=709)	37.4	[33.0, 42.0]	62.2	[57.6, 66.6]	0.4	[0.1, 1.6]	100.0
Pearson: Uncorrected chi2(2) =	54.5470						
Design-based F(2.00, 6157.75) =	17.2247	Pr =	0.000				
Age							
19-34 (n=909)	31.9	[28.1, 35.9]	66.9	[62.8, 70.7]	1.2	[0.5, 3.2]	100.0
35-50 (n=969)	24.0	[20.8, 27.5]	75.5	[72.0, 78.7]	0.6	[0.2, 1.3]	100.0
51-64 (n=1,218)	23.8	[21.0, 26.9]	74.8	[71.7, 77.6]	1.4	[0.8, 2.5]	100.0
Pearson: Uncorrected chi2(4) =	27.9785						
Design-based F(3.66, 11291.29) =	4.2308	Pr =	0.003				
Gender							
Male (n=1,229)	22.9	[20.0, 26.1]	75.6	[72.4, 78.6]	1.4	[0.7, 2.9]	100.0
Female (n=1,867)	30.4	[27.8, 33.2]	68.8	[66.0, 71.5]	0.7	[0.4, 1.3]	100.0
Pearson: Uncorrected chi2(2) =	24.4400						
Design-based F(2.00, 6164.98) =	7.0487	Pr =	0.001				
Race/ethnicity							
White, non-Hispanic (n=2,058)	28.1	[25.6, 30.7]	70.9	[68.2, 73.4]	1.1	[0.5, 2.2]	100.0
Black, non-Hispanic (n=634)	25.4	[21.2, 30.2]	73.5	[68.7, 77.8]	1.1	[0.5, 2.3]	100.0
Hispanic (n=138)	22.8	[16.2, 31.2]	76.1	[67.6, 82.9]	1.1	[0.2, 5.0]	100.0
Other, non-Hispanic (n=227)	26.2	[19.8, 33.7]	72.8	[65.2, 79.2]	1.1	[0.3, 3.7]	100.0
Pearson: Uncorrected chi2(6) =	3.5059						
Design-based F(5.67, 17270.29) =	0.3824	Pr =	0.882				
FPL category							
0-35% (n=1,218)	24.9	[22.0, 28.2]	73.6	[70.3, 76.6]	1.5	[0.8, 2.8]	100.0
36-99% (n=1,084)	29.5	[26.1, 33.1]	69.9	[66.3, 73.3]	0.7	[0.3, 1.4]	100.0
100%+ (n=794)	28.5	[25.0, 32.4]	71.0	[67.2, 74.6]	0.4	[0.1, 1.8]	100.0
Pearson: Uncorrected chi2(4) =	12.8325						
Design-based F(3.86, 11910.99) =	2.3210	Pr =	0.057				
Region							
UP/NW/NE (n=574)	28.0	[24.0, 32.4]	71.5	[67.1, 75.5]	0.5	[0.1, 2.1]	100.0
W/E Central/E (n=979)	28.3	[25.1, 31.7]	70.6	[67.2, 73.9]	1.1	[0.6, 2.0]	100.0
S Central/SW/SE (n=633)	25.6	[21.7, 30.0]	73.9	[69.6, 77.8]	0.4	[0.2, 1.2]	100.0
Detroit Metro (n=910)	26.3	[22.8, 30.1]	72.3	[68.4, 75.9]	1.4	[0.7, 3.1]	100.0
Pearson: Uncorrected chi2(6) =	6.4545						
Design-based F(5.11, 15757.51) =	0.8894	Pr =	0.489				
Chronic condition (2016/2017 survey or DW)							
Yes (n=2,468)	27.4	[25.1, 29.8]	71.7	[69.3, 74.0]	0.9	[0.6, 1.5]	100.0
No (n=628)	25.3	[21.3, 29.9]	73.2	[68.5, 77.4]	1.5	[0.5, 4.6]	100.0
Pearson: Uncorrected chi2(2) =	2.7810						
Design-based F(1.89, 5817.35) =	0.5895	Pr =	0.545				
Total (n=3,096)	26.9	[24.9, 29.0]	72.0	[69.9, 74.1]	1.1	[0.6, 1.7]	100.0

Note: Total count is less than universe count due to item non-response.

5.16.1 Q: What type of health care was this for?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: Respondents who checked cost before receiving care in the past 12 months (n = 824)

Type of health care costs checked	Weighted Proportion	95%CI
Primary care (n=377)	46.0	[41.6, 50.4]
Prescription medication (n=240)	29.6	[25.6, 34.0]
Other (n=148)	17.5	[14.4, 21.0]
Surgery or procedure (n=74)	8.8	[6.3, 12.2]
Lab/imaging test (n=79)	8.7	[6.6, 11.3]
Specialty care (n=60)	5.5	[4.1, 7.4]
Mental health care (n=15)	3.2	[1.6, 6.5]
Support services (n=12)	1.2	[0.6, 2.4]

Note: Respondents were able to provide multiple responses

5.17 Q: In the past 12 months, did you compare quality ratings for any health care services at different places?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Compared quality ratings in past 12 months						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,387)	13.6	[11.9, 15.4]	85.7	[83.8, 87.4]	0.8	[0.4, 1.3]	100.0
No longer enrolled (n=708)	18.9	[15.5, 22.8]	80.8	[76.9, 84.2]	0.3	[0.1, 1.3]	100.0
Pearson: Uncorrected chi2(2) =	14.1055						
Design-based F(1.96, 6051.11) =	4.9173	Pr =	0.008				
Age							
19-34 (n=908)	18.4	[15.5, 21.7]	81.5	[78.2, 84.4]	0.1	[0.0, 0.8]	100.0
35-50 (n=969)	14.2	[11.7, 17.2]	84.5	[81.4, 87.2]	1.2	[0.6, 2.4]	100.0
51-64 (n=1,218)	10.7	[8.8, 12.9]	88.6	[86.3, 90.6]	0.7	[0.3, 1.7]	100.0
Pearson: Uncorrected chi2(4) =	34.1701						
Design-based F(3.89, 11999.50) =	6.0300	Pr =	0.000				
Gender							
Male (n=1,230)	11.8	[9.7, 14.4]	87.6	[85.0, 89.8]	0.6	[0.2, 1.4]	100.0
Female (n=1,865)	17.4	[15.3, 19.7]	81.9	[79.5, 84.0]	0.7	[0.4, 1.3]	100.0
Pearson: Uncorrected chi2(2) =	19.4321						
Design-based F(1.99, 6124.04) =	5.9296	Pr =	0.003				
Race/ethnicity							
White, non-Hispanic (n=2,057)	15.2	[13.3, 17.3]	84.4	[82.2, 86.3]	0.5	[0.2, 1.0]	100.0
Black, non-Hispanic (n=634)	12.8	[10.0, 16.2]	86.0	[82.4, 88.9]	1.3	[0.6, 2.7]	100.0
Hispanic (n=138)	15.3	[9.5, 23.6]	83.7	[75.4, 89.6]	1.0	[0.3, 3.3]	100.0
Other, non-Hispanic (n=227)	16.6	[11.2, 23.9]	83.4	[76.1, 88.8]	0.0		100.0
Pearson: Uncorrected chi2(6) =	11.0862						
Design-based F(5.49, 16708.04) =	1.2730	Pr =	0.269				
FPL category							
0-35% (n=1,217)	14.2	[11.9, 16.8]	84.9	[82.2, 87.3]	0.9	[0.5, 1.8]	100.0
36-99% (n=1,084)	14.8	[12.6, 17.4]	84.8	[82.2, 87.0]	0.4	[0.2, 1.1]	100.0
100%+ (n=794)	16.4	[13.3, 20.0]	83.3	[79.7, 86.4]	0.3	[0.1, 0.8]	100.0
Pearson: Uncorrected chi2(4) =	5.0737						
Design-based F(3.56, 10969.73) =	1.1463	Pr =	0.331				
Region							
UP/NW/NE (n=574)	11.4	[8.8, 14.6]	88.3	[85.0, 90.9]	0.3	[0.0, 2.1]	100.0
W/E Central/E (n=980)	14.6	[12.1, 17.4]	84.7	[81.8, 87.2]	0.7	[0.3, 1.5]	100.0
S Central/SW/SE (n=633)	13.3	[10.6, 16.5]	86.4	[83.2, 89.1]	0.3	[0.1, 1.4]	100.0
Detroit Metro (n=908)	16.3	[13.6, 19.5]	82.9	[79.6, 85.7]	0.8	[0.4, 1.8]	100.0
Pearson: Uncorrected chi2(6) =	8.5864						
Design-based F(5.47, 16868.25) =	1.2609	Pr =	0.275				
Chronic condition (2016/2017 survey or DW)							
Yes (n=2,468)	14.6	[12.9, 16.5]	84.6	[82.7, 86.4]	0.8	[0.5, 1.4]	100.0
No (n=627)	15.4	[12.3, 19.2]	84.4	[80.6, 87.6]	0.2	[0.0, 1.3]	100.0
Pearson: Uncorrected chi2(2) =	3.4728						
Design-based F(1.97, 6070.97) =	1.1501	Pr =	0.316				
Total (n=3,095)	14.8	[13.3, 16.5]	84.6	[82.9, 86.1]	0.7	[0.4, 1.1]	100.0

Note: Total count is less than universe count due to item non-response.

5.17.1 Q: What type of health care was this for?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: Respondents who compared quality ratings for health care services at different places in the past 12 months (n = 442)

Type of health care quality compared	Weighted Proportion	95%CI
Primary care (n=209)	49.4	[43.5, 55.2]
Other (n=92)	22.4	[17.6, 28.0]
Specialty care (n=69)	15.4	[11.8, 19.8]
Surgery or procedure (n=49)	8.8	[6.3, 12.2]
Prescription medication (n=37)	7.7	[5.3, 11.2]
Lab/imaging test (n=23)	6.5	[4.0, 10.2]
Mental health care (n=13)	3.5	[1.8, 6.8]
Support services (n=8)	1.6	[0.7, 3.6]

Note: Respondents were able to provide multiple responses

5.18 Q: In the past 12 months, did you ask a health care provider to recommend a less costly prescription drug?

Follow-up group(s): Still enrolled, No longer enrolled

Universe: All respondents

	Asked for less costly prescription in past 12 months						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
Still enrolled (n=2,388)	22.2	[20.3, 24.2]	77.5	[75.5, 79.3]	0.3	[0.2, 0.6]	100.0
No longer enrolled (n=709)	30.3	[26.3, 34.7]	69.3	[65.0, 73.4]	0.3	[0.1, 1.2]	100.0
Pearson: Uncorrected chi2(2) =	19.8782						
Design-based F(1.94, 5969.70) =	7.8796	Pr =	0.000				
Age							
19-34 (n=909)	19.3	[16.5, 22.4]	80.6	[77.5, 83.4]	0.1	[0.0, 0.5]	100.0
35-50 (n=969)	26.6	[23.4, 30.0]	72.6	[69.2, 75.8]	0.8	[0.4, 1.5]	100.0
51-64 (n=1,219)	27.4	[24.6, 30.5]	72.4	[69.4, 75.3]	0.1	[0.0, 0.6]	100.0
Pearson: Uncorrected chi2(4) =	33.3335						
Design-based F(3.65, 11275.36) =	7.5543	Pr =	0.000				
Gender							
Male (n=1,230)	17.4	[15.0, 20.0]	82.3	[79.6, 84.6]	0.4	[0.1, 0.9]	100.0
Female (n=1,867)	30.1	[27.6, 32.6]	69.6	[67.1, 72.1]	0.3	[0.1, 0.6]	100.0
Pearson: Uncorrected chi2(2) =	68.1219						
Design-based F(1.88, 5810.22) =	28.3052	Pr =	0.000				
Race/ethnicity							
White, non-Hispanic (n=2,058)	26.9	[24.6, 29.2]	72.8	[70.5, 75.1]	0.3	[0.1, 0.7]	100.0
Black, non-Hispanic (n=634)	18.2	[15.0, 22.0]	81.4	[77.6, 84.7]	0.4	[0.1, 1.1]	100.0
Hispanic (n=138)	24.7	[17.3, 33.9]	74.5	[65.3, 82.0]	0.8	[0.2, 3.3]	100.0
Other, non-Hispanic (n=228)	23.4	[17.7, 30.2]	76.5	[69.6, 82.2]	0.2	[0.0, 1.2]	100.0
Pearson: Uncorrected chi2(6) =	24.4846						
Design-based F(5.21, 15868.91) =	3.6047	Pr =	0.003				
FPL category							
0-35% (n=1,218)	22.2	[19.6, 25.0]	77.5	[74.7, 80.1]	0.3	[0.1, 0.7]	100.0
36-99% (n=1,084)	24.9	[22.1, 28.0]	74.6	[71.5, 77.4]	0.5	[0.2, 1.3]	100.0
100%+ (n=795)	28.0	[24.5, 31.8]	71.8	[68.0, 75.3]	0.2	[0.1, 0.6]	100.0
Pearson: Uncorrected chi2(4) =	9.9320						
Design-based F(3.61, 11126.12) =	2.5124	Pr =	0.046				
Region							
UP/NW/NE (n=574)	28.0	[24.1, 32.2]	71.9	[67.6, 75.7]	0.2	[0.0, 1.1]	100.0
W/E Central/E (n=980)	26.9	[23.9, 30.2]	72.4	[69.2, 75.5]	0.6	[0.3, 1.4]	100.0
S Central/SW/SE (n=633)	27.9	[24.1, 32.2]	71.9	[67.6, 75.8]	0.2	[0.0, 1.3]	100.0
Detroit Metro (n=910)	19.7	[16.9, 22.8]	80.1	[77.0, 82.9]	0.2	[0.1, 0.7]	100.0
Pearson: Uncorrected chi2(6) =	29.3227						
Design-based F(5.28, 16289.14) =	4.8870	Pr =	0.000				
Chronic condition (2016/2017 survey or DW)							
Yes (n=2,469)	26.2	[24.2, 28.3]	73.4	[71.3, 75.5]	0.4	[0.2, 0.7]	100.0
No (n=628)	17.2	[14.0, 21.0]	82.6	[78.8, 85.8]	0.2	[0.0, 0.8]	100.0
Pearson: Uncorrected chi2(2) =	25.1677						
Design-based F(1.77, 5461.51) =	10.8848	Pr =	0.000				
Total (n=3,097)	24.1	[22.4, 25.9]	75.6	[73.7, 77.3]	0.3	[0.2, 0.6]	100.0

- 6 Aim 6: To understand why enrollees lose or drop HMP coverage and what, if any, source of health insurance coverage they subsequently obtain.**

6.1 Insurance status since HMP ended

Follow-up group(s): No longer enrolled

Universe: All respondents

	Insurance status since HMP ended								Total Row%
	Insured all months		Insured some months		Uninsured all months		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group									
No longer enrolled (n=709)	54.0	[49.4, 58.7]	16.1	[13.1, 19.7]	27.7	[23.6, 32.2]	2.2	[1.0, 4.5]	100.0
Pearson: Uncorrected chi2(0) =	.								
Design-based F(., .) =	.		Pr =	.					
Age									
19-34 (n=245)	48.9	[41.1, 56.9]	17.1	[12.2, 23.4]	33.0	[26.0, 40.9]	1.0	[0.4, 2.6]	100.0
35-50 (n=209)	51.3	[43.3, 59.3]	17.2	[11.7, 24.4]	28.4	[21.8, 36.1]	3.1	[0.8, 11.3]	100.0
51-64 (n=255)	65.1	[57.3, 72.2]	13.4	[9.3, 19.0]	18.4	[12.6, 26.2]	3.0	[1.1, 8.3]	100.0
Pearson: Uncorrected chi2(6) =	19.8516								
Design-based F(5.50, 3832.72) =	2.0985		Pr =	0.056					
Gender									
Male (n=297)	51.5	[44.2, 58.7]	14.9	[10.6, 20.6]	31.3	[24.9, 38.4]	2.3	[0.7, 7.0]	100.0
Female (n=412)	56.6	[50.7, 62.3]	17.3	[13.3, 22.3]	24.0	[19.1, 29.7]	2.1	[0.8, 4.9]	100.0
Pearson: Uncorrected chi2(3) =	4.8834								
Design-based F(2.94, 2051.77) =	0.9172		Pr =	0.430					
Race/ethnicity									
White, non-Hispanic (n=455)	54.6	[48.7, 60.3]	14.2	[11.0, 18.1]	29.7	[24.3, 35.6]	1.6	[0.6, 4.1]	100.0
Black, non-Hispanic (n=155)	56.0	[46.1, 65.5]	14.9	[9.4, 22.9]	24.8	[17.4, 34.0]	4.3	[1.4, 12.5]	100.0
Hispanic (n=38)	43.0	[26.1, 61.7]	31.1	[15.2, 53.2]	25.9	[13.7, 43.6]	0.0		100.0
Other, non-Hispanic (n=52)	47.1	[31.8, 63.0]	26.0	[12.9, 45.6]	25.6	[14.2, 41.8]	1.3	[0.2, 8.5]	100.0
Pearson: Uncorrected chi2(9) =	18.4673								
Design-based F(8.23, 5659.65) =	1.2587		Pr =	0.259					
FPL category									
0-35% (n=217)	52.9	[44.4, 61.3]	15.7	[10.6, 22.7]	28.3	[21.0, 37.0]	3.0	[1.1, 8.4]	100.0
36-99% (n=260)	57.1	[49.9, 63.9]	14.9	[10.4, 20.7]	25.5	[19.9, 32.1]	2.6	[0.9, 7.3]	100.0
100%+ (n=232)	52.1	[44.3, 59.8]	18.3	[13.2, 24.8]	29.3	[22.6, 37.1]	0.3	[0.0, 2.2]	100.0
Pearson: Uncorrected chi2(6) =	6.1811								
Design-based F(5.38, 3750.27) =	0.7078		Pr =	0.628					
Region									
UP/NW/NE (n=124)	62.6	[52.7, 71.5]	10.7	[6.0, 18.2]	24.5	[17.2, 33.7]	2.2	[0.7, 7.1]	100.0
W/E Central/E (n=203)	60.2	[52.1, 67.7]	10.4	[6.9, 15.5]	27.5	[20.7, 35.5]	1.9	[0.5, 7.7]	100.0
S Central/SW/SE (n=169)	49.1	[39.7, 58.5]	21.6	[15.1, 29.9]	26.8	[19.6, 35.6]	2.4	[0.8, 7.0]	100.0
Detroit Metro (n=213)	50.5	[42.1, 58.9]	18.3	[12.7, 25.7]	29.0	[21.6, 37.6]	2.2	[0.5, 8.7]	100.0
Pearson: Uncorrected chi2(9) =	13.4103								
Design-based F(7.44, 5184.20) =	1.0742		Pr =	0.378					
Chronic condition (2016/2017 survey or DW)									
Yes (n=538)	57.5	[52.3, 62.6]	13.9	[10.8, 17.6]	26.1	[21.7, 31.1]	2.5	[1.1, 5.6]	100.0
No (n=171)	45.2	[36.0, 54.8]	21.9	[14.9, 30.8]	31.5	[23.1, 41.4]	1.4	[0.3, 5.6]	100.0
Pearson: Uncorrected chi2(3) =	12.0738								
Design-based F(2.99, 2083.98) =	2.3247		Pr =	0.073					
Total (n=709)	54.0	[49.4, 58.7]	16.1	[13.1, 19.7]	27.7	[23.6, 32.2]	2.2	[1.0, 4.5]	100.0

6.2 Q: Was it your choice to end your Healthy Michigan Plan enrollment?

Follow-up group(s): No longer enrolled

Universe: All respondents

	Chose to end HMP						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
No longer enrolled (n=708)	28.3	[24.2, 32.9]	68.2	[63.6, 72.5]	3.5	[2.0, 5.8]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=244)	29.6	[22.6, 37.8]	67.7	[59.6, 74.9]	2.7	[1.0, 6.7]	100.0
35-50 (n=209)	28.0	[21.2, 35.9]	66.8	[58.5, 74.1]	5.3	[2.2, 11.9]	100.0
51-64 (n=255)	26.7	[20.3, 34.2]	70.7	[63.1, 77.3]	2.6	[1.3, 5.4]	100.0
Pearson: Uncorrected chi2(4) =	3.6454						
Design-based F(3.74, 2603.02) =	0.5832	Pr =	0.663				
Gender							
Male (n=296)	31.0	[24.4, 38.6]	65.9	[58.3, 72.7]	3.1	[1.3, 7.3]	100.0
Female (n=412)	25.6	[21.1, 30.8]	70.6	[65.2, 75.5]	3.8	[2.0, 7.1]	100.0
Pearson: Uncorrected chi2(2) =	2.6398						
Design-based F(1.99, 1383.65) =	0.7497	Pr =	0.472				
Race/ethnicity							
White, non-Hispanic (n=455)	26.8	[21.9, 32.3]	70.3	[64.7, 75.4]	2.9	[1.5, 5.6]	100.0
Black, non-Hispanic (n=155)	29.1	[20.4, 39.7]	67.4	[56.7, 76.5]	3.5	[0.9, 12.7]	100.0
Hispanic (n=38)	23.2	[12.2, 39.8]	68.9	[51.3, 82.3]	7.9	[2.6, 21.5]	100.0
Other, non-Hispanic (n=52)	35.7	[21.0, 53.7]	59.4	[42.3, 74.5]	4.9	[1.5, 14.4]	100.0
Pearson: Uncorrected chi2(6) =	5.6998						
Design-based F(5.27, 3623.89) =	0.5805	Pr =	0.724				
FPL category							
0-35% (n=216)	33.9	[26.0, 42.7]	60.8	[52.0, 69.0]	5.3	[2.5, 11.0]	100.0
36-99% (n=260)	24.1	[18.6, 30.7]	74.2	[67.6, 79.9]	1.6	[0.7, 4.0]	100.0
100%+ (n=232)	25.0	[19.1, 31.9]	72.2	[65.1, 78.4]	2.8	[1.2, 6.4]	100.0
Pearson: Uncorrected chi2(4) =	14.6285						
Design-based F(3.74, 2602.74) =	2.7595	Pr =	0.030				
Region							
UP/NW/NE (n=123)	18.2	[12.1, 26.5]	78.5	[70.0, 85.1]	3.3	[1.3, 8.0]	100.0
W/E Central/E (n=203)	30.3	[23.6, 37.8]	67.3	[59.6, 74.1]	2.5	[1.0, 5.9]	100.0
S Central/SW/SE (n=169)	33.7	[24.9, 43.9]	63.5	[53.5, 72.4]	2.8	[1.1, 7.0]	100.0
Detroit Metro (n=213)	26.0	[19.0, 34.4]	69.4	[60.8, 76.9]	4.6	[1.9, 10.7]	100.0
Pearson: Uncorrected chi2(6) =	8.2109						
Design-based F(5.03, 3498.46) =	1.1027	Pr =	0.357				
Chronic condition (2016/2017 survey or DW)							
Yes (n=538)	27.5	[22.9, 32.6]	69.1	[63.8, 73.8]	3.4	[1.8, 6.3]	100.0
No (n=170)	30.4	[22.0, 40.3]	66.1	[56.2, 74.8]	3.5	[1.3, 9.4]	100.0
Pearson: Uncorrected chi2(2) =	0.5929						
Design-based F(2.00, 1391.64) =	0.1545	Pr =	0.857				
Total (n=708)	28.3	[24.2, 32.9]	68.2	[63.6, 72.5]	3.5	[2.0, 5.8]	100.0

Note: Total count is less than universe count due to item non-response.

6.2.1 Q: Why did you decide to end your Healthy Michigan Plan enrollment? Was it...

Follow-up group(s): No longer enrolled

Universe: Respondents who chose to end HMP enrollment (n = 187)

Why did you decide to end your HMP enrollment?	Weighted Proportion	95%CI
Because you got other insurance coverage?		
Yes (n=143)	77.1	[68.9, 83.7]
No (n=28)	14.1	[9.3, 20.8]
Don't know (n=1)	0.4	[0.1, 2.7]
Refused (n=15)	8.4	[4.5, 15.2]
Because you were not satisfied with the Healthy Michigan Plan?		
Yes (n=11)	6.2	[3.3, 11.3]
No (n=119)	92.8	[87.2, 96.0]
Don't know (n=1)	1.0	[0.1, 7.0]
Because of some other reason?		
Yes (n=55)	28.3	[21.3, 36.6]
No (n=115)	67.8	[58.8, 75.6]
Don't know (n=5)	3.9	[1.3, 11.4]

6.2.1.1 Q: What were you dissatisfied with?

Follow-up group(s): No longer enrolled

Universe: Respondents who chose to end HMP enrollment because they were not satisfied with HMP (n = 11)

HMP dissatisfaction	Weighted Proportion	95%CI
Difficulty/inability finding a provider (n=1)	8.0	[8.0, 8.0]
Needed a service that wasn't covered (n=3)	22.6	[22.6, 22.6]
HMP too expensive (n=2)	31.2	[31.2, 31.2]
Other (n=4)	29.5	[29.5, 29.5]
Don't know (n=1)	8.7	[8.7, 8.7]

Note: Respondents were able to provide multiple responses

6.2.2 Q: Why did your Healthy Michigan Plan insurance end?

Follow-up group(s): No longer enrolled

Universe: Respondents who did not choose to end HMP enrollment (n = 499)

Why did your HMP insurance end?	Weighted Proportion	95%CI
No longer eligible: income increase (n=138)	25.0	[20.9, 29.5]
No longer eligible: got other coverage (n=127)	22.2	[18.2, 26.7]
Don't know (n=80)	16.1	[12.4, 20.6]
No longer eligible: non-specific (n=37)	9.0	[6.2, 12.9]
Admin problem: disenrolled/declared ineligible but don't know why (n=30)	8.0	[5.2, 12.1]
Knew you needed to re-apply for HMP, but didn't complete re-application (n=25)	6.0	[3.8, 9.3]
Didn't know HMP ended (n=18)	4.0	[2.4, 6.6]
Re-enrollment materials submitted; DHHS said never received/incomplete (n=12)	2.5	[1.2, 5.0]
Other (n=8)	2.3	[0.9, 5.9]
No longer eligible: moved out of state (n=8)	1.8	[0.8, 4.2]
Didn't get application materials/didn't know I needed to re-apply (n=7)	1.6	[0.7, 3.7]
Admin problem: eligibility/administrative error by DHHS (n=4)	1.3	[0.5, 3.5]
Admin problem: problem with information being requested (n=5)	0.8	[0.3, 2.1]
Admin problem: cancelled by the state (n=2)	0.6	[0.1, 2.8]
Admin problem: case worker difficulties (n=1)	0.5	[0.1, 3.2]
Difficulty completing re-enrollment materials (n=2)	0.3	[0.1, 1.7]
Disenrolled because of unmade payments (n=2)	0.3	[0.1, 1.3]
HMP too expensive (n=1)	0.2	[0.0, 1.5]

Note: Respondents were able to provide multiple responses

6.3 Q: Are you currently covered by any kind of health insurance or health care plan?

Follow-up group(s): No longer enrolled

Universe: All respondents

	Insurance status						Total Row%
	Insured		Uninsured		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
No longer enrolled (n=708)	68.4	[63.7, 72.6]	30.0	[25.8, 34.5]	1.7	[0.7, 4.2]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=245)	63.4	[55.5, 70.7]	35.2	[28.1, 43.1]	1.4	[0.4, 4.3]	100.0
35-50 (n=208)	67.0	[58.8, 74.2]	30.5	[23.7, 38.3]	2.5	[0.5, 11.4]	100.0
51-64 (n=255)	77.7	[69.6, 84.1]	21.0	[14.9, 28.9]	1.3	[0.2, 8.6]	100.0
Pearson: Uncorrected chi2(4) =	12.7755						
Design-based F(3.72, 2585.72) =	1.5966	Pr =	0.177				
Gender							
Male (n=297)	64.6	[57.3, 71.2]	33.8	[27.3, 40.9]	1.7	[0.4, 7.0]	100.0
Female (n=411)	72.2	[66.3, 77.3]	26.1	[21.1, 31.9]	1.7	[0.6, 5.1]	100.0
Pearson: Uncorrected chi2(2) =	4.9385						
Design-based F(1.89, 1317.65) =	1.1563	Pr =	0.313				
Race/ethnicity							
White, non-Hispanic (n=454)	67.0	[61.0, 72.5]	31.3	[25.9, 37.2]	1.7	[0.6, 4.6]	100.0
Black, non-Hispanic (n=155)	69.6	[59.8, 77.9]	28.2	[20.4, 37.5]	2.2	[0.3, 14.2]	100.0
Hispanic (n=38)	68.1	[49.8, 82.2]	31.9	[17.8, 50.2]	0.0		100.0
Other, non-Hispanic (n=52)	71.7	[55.6, 83.7]	27.1	[15.3, 43.2]	1.3	[0.2, 8.5]	100.0
Pearson: Uncorrected chi2(6) =	1.9179						
Design-based F(4.61, 3164.84) =	0.1729	Pr =	0.966				
FPL category							
0-35% (n=217)	67.7	[58.9, 75.4]	30.7	[23.2, 39.3]	1.6	[0.3, 9.1]	100.0
36-99% (n=260)	70.3	[63.5, 76.4]	28.0	[22.1, 34.7]	1.7	[0.4, 6.2]	100.0
100%+ (n=231)	66.9	[59.0, 73.9]	31.3	[24.5, 39.0]	1.8	[0.4, 7.3]	100.0
Pearson: Uncorrected chi2(4) =	0.6939						
Design-based F(3.58, 2492.97) =	0.0874	Pr =	0.980				
Region							
UP/NW/NE (n=124)	74.7	[65.5, 82.2]	24.5	[17.2, 33.7]	0.8	[0.1, 5.4]	100.0
W/E Central/E (n=202)	68.6	[60.4, 75.7]	29.9	[22.9, 37.9]	1.6	[0.3, 7.3]	100.0
S Central/SW/SE (n=169)	67.7	[58.7, 75.5]	31.1	[23.4, 40.1]	1.2	[0.3, 4.8]	100.0
Detroit Metro (n=213)	67.1	[58.4, 74.8]	30.6	[23.1, 39.2]	2.3	[0.5, 9.4]	100.0
Pearson: Uncorrected chi2(6) =	2.4510						
Design-based F(4.81, 3347.45) =	0.2885	Pr =	0.914				
Chronic condition (2016/2017 survey or DW)							
Yes (n=537)	69.8	[64.6, 74.5]	28.4	[23.9, 33.5]	1.8	[0.6, 5.3]	100.0
No (n=171)	64.8	[54.9, 73.5]	33.8	[25.2, 43.6]	1.4	[0.3, 6.6]	100.0
Pearson: Uncorrected chi2(2) =	2.0473						
Design-based F(1.99, 1386.39) =	0.5215	Pr =	0.593				
Total (n=708)	68.4	[63.7, 72.6]	30.0	[25.8, 34.5]	1.7	[0.7, 4.2]	100.0

Note: Total count is less than universe count due to item non-response.

6.3.1 Q: Did you have health insurance at any time since your Healthy Michigan Plan insurance ended?

Follow-up group(s): No longer enrolled

Universe: Respondents who are not currently covered by any kind of health insurance (n = 202)

	Any health insurance since HMP coverage ended						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
No longer enrolled (n=200)	9.1	[5.6, 14.5]	87.3	[80.2, 92.1]	3.5	[1.0, 11.6]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=89)	8.7	[4.2, 17.0]	90.2	[81.9, 94.9]	1.1	[0.3, 4.6]	100.0
35-50 (n=64)	8.2	[3.6, 17.9]	85.8	[68.8, 94.3]	5.9	[0.8, 31.7]	100.0
51-64 (n=47)	11.8	[4.2, 28.9]	82.4	[62.4, 93.0]	5.8	[0.8, 31.4]	100.0
Pearson: Uncorrected chi2(4) =	3.7861						
Design-based F(3.23, 608.02) =	0.6418	Pr =	0.600				
Gender							
Male (n=99)	7.9	[3.9, 15.5]	88.3	[77.1, 94.4]	3.8	[0.6, 19.5]	100.0
Female (n=101)	10.7	[5.5, 19.6]	86.1	[75.9, 92.4]	3.2	[0.7, 14.3]	100.0
Pearson: Uncorrected chi2(2) =	0.4727						
Design-based F(1.76, 330.94) =	0.1307	Pr =	0.852				
Race/ethnicity							
White, non-Hispanic (n=123)	8.0	[4.1, 14.8]	89.9	[81.8, 94.6]	2.2	[0.4, 10.8]	100.0
Black, non-Hispanic (n=46)	11.3	[4.6, 25.1]	81.4	[60.9, 92.5]	7.4	[1.0, 37.8]	100.0
Hispanic (n=13)	18.7	[4.3, 53.8]	81.3	[46.2, 95.7]	0.0		100.0
Other, non-Hispanic (n=16)	5.1	[0.7, 29.8]	90.5	[68.0, 97.7]	4.4	[0.6, 26.8]	100.0
Pearson: Uncorrected chi2(6) =	5.2707						
Design-based F(4.47, 831.78) =	0.6068	Pr =	0.676				
FPL category							
0-35% (n=55)	7.3	[2.7, 18.0]	87.6	[72.3, 95.1]	5.1	[0.8, 25.3]	100.0
36-99% (n=75)	9.3	[4.2, 19.3]	86.0	[73.6, 93.1]	4.7	[1.0, 19.9]	100.0
100%+ (n=70)	11.7	[5.6, 23.0]	88.3	[77.0, 94.4]	0.0		100.0
Pearson: Uncorrected chi2(4) =	3.4902						
Design-based F(3.23, 607.72) =	0.4778	Pr =	0.712				
Region							
UP/NW/NE (n=32)	0.0		96.9	[80.5, 99.6]	3.1	[0.4, 19.5]	100.0
W/E Central/E (n=56)	9.8	[4.3, 20.7]	86.4	[72.7, 93.8]	3.8	[0.5, 22.8]	100.0
S Central/SW/SE (n=49)	14.6	[7.0, 27.8]	84.0	[70.9, 91.9]	1.4	[0.2, 9.6]	100.0
Detroit Metro (n=63)	7.2	[2.7, 18.0]	88.1	[72.4, 95.5]	4.7	[0.6, 27.3]	100.0
Pearson: Uncorrected chi2(6) =	4.2812						
Design-based F(4.23, 794.55) =	0.5852	Pr =	0.683				
Chronic condition (2016/2017 survey or DW)							
Yes (n=140)	8.5	[4.8, 14.7]	86.3	[77.0, 92.2]	5.2	[1.5, 16.3]	100.0
No (n=60)	10.5	[4.4, 23.1]	89.5	[76.9, 95.6]	0.0		100.0
Pearson: Uncorrected chi2(2) =	3.5002						
Design-based F(1.78, 334.77) =	0.9292	Pr =	0.386				
Total (n=200)	9.1	[5.6, 14.5]	87.3	[80.2, 92.1]	3.5	[1.0, 11.6]	100.0

Note: Total count is less than universe count due to item non-response.

6.3.1.1 Q: What type of health insurance did you have?

Follow-up group(s): No longer enrolled

Universe: Respondents who are not currently covered by any kind of health insurance but had some type of insurance since their HMP coverage ended (n = 21)

Type of health insurance	Weighted Proportion	95%CI
Insurance provided through a job or union (n=12)	61.5	[61.5, 61.5]
Insurance purchased by me or someone else (n=2)	6.3	[6.3, 6.3]
Medicaid/MiChild/other state program (n=6)	32.2	[32.2, 32.2]

Note: Respondents were able to provide multiple responses.

Total count is less than universe count due to item non-response.

All respondents with insurance through a job or union indicated that this was their own job.

6.3.2 Q: Why did that insurance coverage end?

Follow-up group(s): No longer enrolled

Universe: Respondents who are not currently covered by any kind of health insurance but had some type of insurance since their HMP coverage ended (n = 21)

Why insurance coverage ended	Weighted Proportion	95%CI
Lost/changed job (n=9)	47.6	[47.6, 47.6]
Change in job status (n=4)	19.0	[19.0, 19.0]
Income change (n=1)	7.7	[7.7, 7.7]
Disenrolled because of unmade payments (n=1)	3.4	[3.4, 3.4]
Marketplace/individual plan too expensive (n=1)	2.9	[2.9, 2.9]
Other (n=3)	12.6	[12.6, 12.6]
Don't know (n=1)	6.8	[6.8, 6.8]

Note: Total count is less than universe count due to item non-response.

6.3.3 Q: Since your Healthy Michigan Plan insurance ended, for how many months were you uninsured?

Follow-up group(s): No longer enrolled

Universe: Respondents who are not currently covered by any kind of health insurance but had some type of insurance since their HMP coverage ended (n = 21)

Length of time uninsured	Weighted Proportion	95%CI
Three months or less (n=10)	48.5	[48.5, 48.5]
Four months o six months (n=6)	28.2	[28.2, 28.2]
Seven to eleven months (n=1)	6.3	[6.3, 6.3]
More than twelve months (n=1)	3.4	[3.4, 3.4]
Other (n=1)	3.9	[3.9, 3.9]
Don't know (n=1)	9.7	[9.7, 9.7]

Note: Total count is less than universe count due to item non-response.

6.3.4 Q: What are the main reasons you currently do not have health insurance?

Follow-up group(s): No longer enrolled

Universe: Respondents who are not currently covered by any kind of health insurance but had some type of insurance since their HMP coverage ended (n = 21)

Main reasons for no health insurance	Weighted Proportion	95%CI
Other (n=6)	28.8	[28.8, 28.8]
Just didn't get around to it (n=3)	19.0	[19.0, 19.0]
Have a job but does not offer insurance (n=2)	15.5	[15.5, 15.5]
Had problems with applying/re-applying for Medicaid (n=2)	13.4	[13.4, 13.4]
Have a job but waiting for open enrollment period/waiting to enroll (n=2)	9.1	[9.1, 9.1]
Too expensive: non-specific (n=2)	7.9	[7.9, 7.9]
Marketplace/individual plan too expensive (n=1)	6.8	[6.8, 6.8]
Hoping to get a job with insurance benefits (n=1)	4.6	[4.6, 4.6]
HMP too expensive (n=1)	2.7	[2.7, 2.7]

Note: Respondents were able to provide multiple responses

6.3.5 Q: Do you think you will get health insurance within the next 6 months?

Follow-up group(s): No longer enrolled

Universe: Respondents who are not currently covered by any kind of health insurance but had some type of insurance since their HMP coverage endedP (n =21)

Insurance in the next 6 months?	Weighted Proportion	95%CI
Yes (n=17)	96.1	[96.1, 96.1]
Unsure (n=1)	3.9	[3.9, 3.9]

Note: Total count is less than universe count due to item non-response.

6.3.5.1 Q: What type of health insurance?

Follow-up group(s): No longer enrolled

Universe: Respondents who are not currently covered by any kind of health insurance but had some type of insurance since their HMP coverage ended and think they will get health insurance within the next 6 months (n = 17)

Type of health insurance within next 6 months	Weighted Proportion	95%CI
Medicaid (n=8)	44.6	[44.6, 44.6]
Employer insurance (n=5)	28.6	[28.6, 28.6]
Don't know (n=3)	19.8	[19.8, 19.8]
Insurance purchased by me or someone else (n=1)	7.0	[7.0, 7.0]

6.3.6 Q: What type of health insurance do you have?

Follow-up group(s): No longer enrolled

Universe: Respondents who are currently covered by some kind of health insurance (n = 508)

Type of insurance	Weighted Proportion	95%CI
Medicaid (n=237)	44.6	[39.3, 50.0]
Insurance through a job or union (n=137)	31.7	[26.5, 37.5]
Medicare (n=104)	15.8	[12.5, 19.8]
Insurance purchased by me or someone else (n=46)	8.4	[5.9, 12.0]
Other (n=17)	3.0	[1.7, 5.2]
Veterans Administration or VA care (n=3)	1.4	[0.4, 4.8]
County health plan (n=3)	0.8	[0.3, 2.4]
Don't know (n=3)	0.7	[0.2, 2.2]
CHAMPUS or TRICARE (n=1)	0.2	[0.0, 1.3]

Note: Respondents were able to provide multiple responses

6.3.6.1 Q: Whose job is it?

Follow-up group(s): No longer enrolled

Universe: Respondents who are currently covered by insurance through a job or a union (n = 137)

Whose job is it?	Weighted Proportion	95%CI
Respondent (n=109)	81.9	[73.6, 88.0]
Family Member (n=27)	18.1	[12.0, 26.4]

Note: Total count is less than universe count due to item non-response.

6.3.6.2 Q: Who purchased it?

Follow-up group(s): No longer enrolled

Universe: Respondents who are currently covered by insurance that was purchased (n = 46)

Who purchased it?	Weighted Proportion	95%CI
Respondent (n=38)	92.0	[92.0, 92.0]
Family Member (n=6)	8.0	[8.0, 8.0]

Note: Total count is less than universe count due to item non-response.

6.3.6.3 Q: Was this insurance purchased through the marketplace known as healthcare.gov?

Follow-up group(s): No longer enrolled

Universe: Respondents who are currently covered by insurance that was purchased (n = 46)

Was it purchased on the marketplace?	Weighted Proportion	95%CI
Yes (n=32)	69.8	[69.8, 69.8]
No (n=11)	25.2	[25.2, 25.2]
Don't know (n=3)	5.0	[5.0, 5.0]

6.3.6.4 Q: Did [you/they] receive a subsidy?

Follow-up group(s): No longer enrolled

Universe: Respondents who are currently covered by insurance that was purchased through the marketplace (n = 32)

Received a subsidy?	Weighted Proportion	95%CI
Yes (n=18)	52.3	[52.3, 52.3]
No (n=8)	39.5	[39.5, 39.5]
Don't know (n=2)	8.2	[8.2, 8.2]

Note: Total count is less than universe count due to item non-response.

6.3.7 Q: Was there any time since your Healthy Michigan Plan insurance ended that you didn't have any health insurance?

Follow-up group(s): No longer enrolled

Universe: Respondents who are currently covered by some kind of health insurance (n = 508)

	Uninsured for a period of time since HMP coverage ended						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
No longer enrolled (n=507)	19.4	[15.4, 24.2]	79.4	[74.5, 83.5]	1.2	[0.5, 2.9]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=155)	22.0	[15.1, 31.1]	77.6	[68.6, 84.6]	0.4	[0.1, 2.5]	100.0
35-50 (n=144)	21.7	[14.3, 31.5]	77.1	[67.2, 84.7]	1.2	[0.2, 8.2]	100.0
51-64 (n=208)	13.9	[9.4, 20.1]	83.8	[77.4, 88.7]	2.2	[0.7, 6.6]	100.0
Pearson: Uncorrected chi2(4) =	6.7302						
Design-based F(3.67, 1817.67) =	1.2623	Pr =	0.284				
Gender							
Male (n=198)	18.7	[12.7, 26.7]	79.8	[71.8, 86.0]	1.5	[0.4, 4.9]	100.0
Female (n=309)	20.0	[15.0, 26.2]	79.0	[72.8, 84.1]	1.0	[0.3, 3.6]	100.0
Pearson: Uncorrected chi2(2) =	0.3569						
Design-based F(1.96, 967.84) =	0.1211	Pr =	0.882				
Race/ethnicity							
White, non-Hispanic (n=331)	17.3	[13.2, 22.4]	81.7	[76.4, 85.9]	1.0	[0.3, 4.0]	100.0
Black, non-Hispanic (n=108)	16.6	[9.6, 27.2]	81.1	[70.5, 88.6]	2.2	[0.7, 7.2]	100.0
Hispanic (n=25)	36.9	[16.3, 63.8]	63.1	[36.2, 83.7]	0.0		100.0
Other, non-Hispanic (n=36)	34.3	[17.0, 57.1]	65.7	[42.9, 83.0]	0.0		100.0
Pearson: Uncorrected chi2(6) =	14.7278						
Design-based F(5.51, 2690.82) =	1.4453	Pr =	0.199				
FPL category							
0-35% (n=162)	19.7	[12.9, 29.1]	78.2	[68.9, 85.3]	2.1	[0.8, 5.4]	100.0
36-99% (n=184)	17.3	[11.7, 24.9]	81.6	[73.9, 87.4]	1.1	[0.2, 7.3]	100.0
100%+ (n=161)	21.7	[15.0, 30.2]	78.3	[69.8, 85.0]	0.0		100.0
Pearson: Uncorrected chi2(4) =	3.7629						
Design-based F(3.80, 1878.99) =	0.6346	Pr =	0.630				
Region							
UP/NW/NE (n=92)	14.3	[8.1, 24.0]	83.7	[73.9, 90.4]	1.9	[0.4, 8.6]	100.0
W/E Central/E (n=147)	10.7	[6.5, 17.1]	88.3	[81.6, 92.7]	1.0	[0.1, 7.0]	100.0
S Central/SW/SE (n=119)	25.1	[16.5, 36.2]	72.5	[61.2, 81.5]	2.4	[0.5, 9.8]	100.0
Detroit Metro (n=149)	23.9	[16.2, 33.7]	75.7	[65.9, 83.4]	0.4	[0.1, 3.1]	100.0
Pearson: Uncorrected chi2(6) =	15.4609						
Design-based F(5.34, 2642.91) =	2.2181	Pr =	0.046				
Chronic condition (2016/2017 survey or DW)							
Yes (n=397)	16.2	[12.3, 21.1]	82.7	[77.7, 86.7]	1.1	[0.4, 3.0]	100.0
No (n=110)	28.2	[18.7, 40.3]	70.4	[58.3, 80.2]	1.4	[0.2, 9.1]	100.0
Pearson: Uncorrected chi2(2) =	9.3456						
Design-based F(1.99, 985.80) =	2.7252	Pr =	0.066				
Total (n=507)	19.4	[15.4, 24.2]	79.4	[74.5, 83.5]	1.2	[0.5, 2.9]	100.0

Note: Total count is less than universe count due to item non-response.

6.3.7.1 Q: How long were you uninsured?

Follow-up group(s): No longer enrolled

Universe: Respondents who are currently covered by some kind of health insurance but were uninsured for a period of time since their HMP coverage ended (n = 92)

Length of time uninsured	Weighted Proportion	95%CI
Three months or less (n=58)	61.1	[47.5, 73.2]
Four months to six months (n=20)	21.0	[12.4, 33.2]
Seven months to eleven months (n=11)	16.5	[8.1, 30.5]
More than twelve months (n=1)	1.4	[0.2, 9.8]

Note: Total count is less than universe count due to item non-response.

6.3.7.2 Q: What were the main reasons you were without health insurance for that time?

Follow-up group(s): No longer enrolled

Universe: Respondents who are currently covered by some kind of health insurance but were uninsured for a period of time since their HMP coverage ended (n = 92)

Main reasons without health insurance for some time	Weighted Proportion	95%CI
Have a job but waiting for open enrollment period/ waiting to enroll (n=24)	28.8	[18.2, 42.3]
Other (n=21)	23.4	[13.7, 37.0]
Just didn't get around to it (n=8)	13.4	[6.2, 26.6]
Had problems with applying/re-applying for Medicaid (n=10)	9.9	[4.0, 22.4]
Too expensive: non-specific (n=9)	9.6	[4.6, 18.9]
Marketplace/individual plan too expensive (n=9)	7.9	[3.8, 15.6]
Didn't know HMP ended (n=3)	2.8	[0.7, 10.1]
Have a job but job does not offer insurance (n=2)	2.6	[0.6, 10.6]
Had problems with applying/re-applying for private insurance (n=1)	2.4	[0.3, 15.8]
No longer eligible for other insurance- change in job status (n=3)	2.0	[0.6, 6.3]
Have a job but insurance is too expensive (n=2)	2.0	[0.4, 9.3]
Don't need health insurance (n=1)	1.4	[0.2, 9.4]
Admin problems: case worker difficulties (n=2)	1.3	[0.3, 5.3]
Still considering insurance options (n=1)	0.4	[0.1, 3.2]
Admin problems: Eligibility/administrative error by DHHS (n=1)	0.4	[0.1, 2.9]
Don't know (n=1)	0.3	[0.0, 2.1]

Note: Respondents were able to provide multiple responses

6.3.8 Q: Is your current health insurance plan in your name or someone else's?

Follow-up group(s): No longer enrolled

Universe: Respondents who are currently covered by some kind of health insurance (n = 508)

	My name		Name on insurance plan Someone else's name		Total Row%
	Row%	95%CI	Row%	95%CI	
Follow-up group					
No longer enrolled (n=507)	91.2	[88.0, 93.6]	8.8	[6.4, 12.0]	100.0
Pearson: Uncorrected chi2(0) =	.				
Design-based F(., .) =	.	Pr =	.		
Age					
19-34 (n=155)	89.5	[83.5, 93.5]	10.5	[6.5, 16.5]	100.0
35-50 (n=144)	90.8	[83.1, 95.2]	9.2	[4.8, 16.9]	100.0
51-64 (n=208)	93.8	[89.3, 96.6]	6.2	[3.4, 10.7]	100.0
Pearson: Uncorrected chi2(2) =	2.1131				
Design-based F(1.93, 952.89) =	0.8492	Pr =	0.424		
Gender					
Male (n=198)	92.6	[87.9, 95.5]	7.4	[4.5, 12.1]	100.0
Female (n=309)	90.0	[85.1, 93.5]	10.0	[6.5, 14.9]	100.0
Pearson: Uncorrected chi2(1) =	1.0095				
Design-based F(1.00, 495.00) =	0.7894	Pr =	0.375		
Race/ethnicity					
White, non-Hispanic (n=331)	87.3	[82.2, 91.1]	12.7	[8.9, 17.8]	100.0
Black, non-Hispanic (n=108)	96.9	[91.5, 98.9]	3.1	[1.1, 8.5]	100.0
Hispanic (n=25)	98.4	[89.1, 99.8]	1.6	[0.2, 10.9]	100.0
Other, non-Hispanic (n=36)	95.8	[84.1, 99.0]	4.2	[1.0, 15.9]	100.0
Pearson: Uncorrected chi2(3) =	14.2721				
Design-based F(2.66, 1297.50) =	5.2383	Pr =	0.002		
FPL category					
0-35% (n=162)	97.1	[92.8, 98.9]	2.9	[1.1, 7.2]	100.0
36-99% (n=184)	89.5	[82.9, 93.8]	10.5	[6.2, 17.1]	100.0
100%+ (n=161)	84.3	[76.1, 90.0]	15.7	[10.0, 23.9]	100.0
Pearson: Uncorrected chi2(2) =	17.5655				
Design-based F(2.00, 987.86) =	6.6528	Pr =	0.001		
Region					
UP/NW/NE (n=92)	87.7	[78.1, 93.5]	12.3	[6.5, 21.9]	100.0
W/E Central/E (n=147)	88.7	[81.1, 93.5]	11.3	[6.5, 18.9]	100.0
S Central/SW/SE (n=119)	91.8	[83.1, 96.2]	8.2	[3.8, 16.9]	100.0
Detroit Metro (n=149)	93.7	[88.8, 96.6]	6.3	[3.4, 11.2]	100.0
Pearson: Uncorrected chi2(3) =	3.5682				
Design-based F(2.82, 1395.00) =	1.0156	Pr =	0.382		
Chronic condition (2016/2017 survey or DW)					
Yes (n=397)	91.6	[87.7, 94.3]	8.4	[5.7, 12.3]	100.0
No (n=110)	90.4	[83.4, 94.6]	9.6	[5.4, 16.6]	100.0
Pearson: Uncorrected chi2(1) =	0.1785				
Design-based F(1.00, 495.00) =	0.1425	Pr =	0.706		
Total (n=507)	91.2	[88.0, 93.6]	8.8	[6.4, 12.0]	100.0

Note: Total count is less than universe count due to item non-response.

6.3.8.1 Q: What is your relationship to that person?

Follow-up group(s): No longer enrolled

Universe: Respondents who are currently covered by some kind of health insurance that is in someone else's name (n = 45)

Relationship to that person	Weighted Proportion	95%CI
Spouse (n=37)	85.3	[85.3, 85.3]
Other family member (n=5)	14.7	[14.7, 14.7]

Note: Total count is less than universe count due to item non-response.

6.3.9 Q: How much are the health insurance premiums?

Follow-up group(s): No longer enrolled

Universe: Respondents who are currently covered by some kind of health insurance (n = 508)

	Cost of health insurance premiums										Total Row%
	\$0		\$1-\$99		\$100-\$199		\$200+		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group											
No longer enrolled (n=504)	43.7	[38.3, 49.2]	26.0	[21.2, 31.5]	15.3	[11.4, 20.0]	5.3	[3.4, 8.1]	9.7	[7.1, 13.2]	100.0
Pearson: Uncorrected chi2(0) =	.										
Design-based F(., .) =	.	Pr =	.								
Age											
19-34 (n=155)	38.0	[29.1, 47.9]	31.2	[22.5, 41.5]	14.0	[7.5, 24.6]	4.8	[2.1, 10.4]	12.0	[7.5, 18.7]	100.0
35-50 (n=142)	46.1	[36.7, 55.8]	26.2	[18.0, 36.5]	13.0	[7.8, 21.0]	5.0	[2.1, 11.5]	9.7	[5.1, 17.7]	100.0
51-64 (n=207)	48.6	[40.5, 56.8]	19.2	[13.6, 26.5]	19.0	[13.6, 25.8]	6.3	[3.5, 10.9]	6.9	[4.0, 11.7]	100.0
Pearson: Uncorrected chi2(8) =	12.2172										
Design-based F(7.43, 3654.05) =	1.0160	Pr =	0.419								
Gender											
Male (n=197)	36.7	[28.9, 45.3]	31.2	[23.0, 40.7]	17.9	[11.4, 27.0]	4.6	[2.4, 8.5]	9.7	[5.8, 15.6]	100.0
Female (n=307)	50.0	[43.3, 56.6]	21.4	[16.7, 27.0]	12.9	[9.4, 17.3]	5.9	[3.3, 10.4]	9.8	[6.6, 14.4]	100.0
Pearson: Uncorrected chi2(4) =	12.2064										
Design-based F(3.96, 1947.21) =	2.0610	Pr =	0.084								
Race/ethnicity											
White, non-Hispanic (n=330)	42.3	[35.9, 49.1]	26.7	[20.6, 34.0]	15.0	[11.0, 20.1]	6.5	[4.0, 10.5]	9.4	[6.3, 13.7]	100.0
Black, non-Hispanic (n=106)	46.3	[34.8, 58.2]	24.4	[15.7, 35.8]	15.7	[7.3, 30.6]	3.2	[0.8, 11.8]	10.4	[5.2, 19.7]	100.0
Hispanic (n=25)	53.5	[30.4, 75.2]	17.0	[5.0, 44.3]	14.9	[5.1, 36.6]	4.2	[1.0, 16.3]	10.4	[3.5, 27.0]	100.0
Other, non-Hispanic (n=36)	33.6	[17.9, 54.0]	36.7	[19.8, 57.7]	13.3	[5.4, 29.3]	4.9	[1.2, 18.0]	11.4	[4.0, 28.8]	100.0
Pearson: Uncorrected chi2(12) =	7.2341										
Design-based F(10.70, 5189.16) =	0.3828	Pr =	0.961								
FPL category											
0-35% (n=160)	46.5	[36.7, 56.5]	23.0	[14.9, 33.6]	16.0	[9.1, 26.6]	4.5	[1.9, 10.1]	10.1	[5.8, 17.0]	100.0
36-99% (n=183)	42.3	[34.2, 50.8]	28.1	[21.0, 36.5]	15.7	[10.6, 22.8]	5.5	[2.7, 10.9]	8.4	[4.8, 14.2]	100.0
100%+ (n=161)	41.1	[32.3, 50.6]	28.2	[19.9, 38.2]	13.5	[9.0, 19.8]	6.3	[3.3, 11.8]	10.9	[6.5, 17.6]	100.0
Pearson: Uncorrected chi2(8) =	3.2752										
Design-based F(7.39, 3634.15) =	0.2785	Pr =	0.967								
Region											
UP/NW/NE (n=92)	41.8	[31.1, 53.4]	19.1	[11.9, 29.2]	20.0	[12.6, 30.2]	4.1	[1.5, 10.9]	15.0	[8.3, 25.7]	100.0
W/E Central/E (n=145)	41.3	[32.6, 50.6]	28.5	[20.2, 38.5]	11.4	[7.0, 18.1]	3.7	[1.4, 9.3]	15.1	[9.4, 23.4]	100.0
S Central/SW/SE (n=118)	48.6	[36.9, 60.4]	25.2	[14.6, 39.8]	14.3	[7.7, 24.9]	6.0	[2.4, 14.3]	6.0	[2.9, 12.0]	100.0
Detroit Metro (n=149)	43.0	[33.6, 53.0]	26.6	[19.0, 35.7]	17.4	[10.4, 27.8]	6.4	[3.3, 11.7]	6.7	[3.2, 13.4]	100.0
Pearson: Uncorrected chi2(12) =	15.5383										
Design-based F(10.31, 5071.21) =	0.9798	Pr =	0.460								
Chronic condition (2016/2017 survey or DW)											
Yes (n=395)	43.3	[37.4, 49.4]	24.3	[19.2, 30.2]	16.6	[12.1, 22.3]	5.2	[3.1, 8.7]	10.6	[7.5, 14.9]	100.0
No (n=109)	44.7	[33.5, 56.4]	30.9	[20.4, 43.8]	11.6	[5.7, 22.1]	5.5	[2.7, 11.2]	7.3	[3.6, 14.4]	100.0
Pearson: Uncorrected chi2(4) =	4.4229										
Design-based F(3.77, 1853.30) =	0.6749	Pr =	0.601								
Total (n=504)	43.7	[38.3, 49.2]	26.0	[21.2, 31.5]	15.3	[11.4, 20.0]	5.3	[3.4, 8.1]	9.7	[7.1, 13.2]	100.0

Note: As noted in the next table, while many respondents reported paying premiums monthly, some respondents said they pay premiums at different time intervals (weekly, biweekly, quarterly). This means that the amounts in this table do not necessarily reflect monthly premium ranges, and in some cases may underestimate the premium amount that respondents pay monthly.

6.3.9.1 Q: How often are the health insurance premiums paid?

Follow-up group(s): No longer enrolled

Universe: Respondents who are currently covered by some kind of health insurance (n = 508)

Health insurance premiums payment frequency	Weighted Proportion	95%CI
Every week (n=20)	6.0	[3.2, 10.9]
Every 2 weeks (n=42)	8.5	[6.1, 11.7]
Once a month (n=160)	30.4	[25.5, 35.9]
Quarterly (n=8)	1.5	[0.7, 3.2]
Twice a year (n=1)	0.1	[0.0, 1.0]
Once a year (n=3)	1.3	[0.4, 4.4]
N/A- \$0 (n=222)	43.5	[38.2, 49.0]
Other (n=1)	0.1	[0.0, 0.5]
Don't know (n=47)	8.4	[6.1, 11.5]

6.3.10 Q: Would you say the amount per month is...?

Follow-up group(s): No longer enrolled

Universe: Respondents who are currently covered by some kind of health insurance and do not know how much their health insurance premiums cost (n = 53)

Amount per month	Weighted Proportion
\$0 (n=2)	4.4
\$1-99 (n=6)	12.6
\$100-199 (n=7)	8.1
Don't know (n=38)	74.9

6.3.11 Q: Who is covered under your current health insurance plan?

Follow-up group(s): No longer enrolled

Universe: Respondents who are currently covered by a private health insurance plan that is in their name (n = 146)

	Who is covered under health insurance plan				Total Row%
	Just me Row%	95%CI	Me and at least one other family member Row%	95%CI	
Follow-up group					
No longer enrolled (n=144)	81.2	[69.8, 89.0]	18.8	[11.0, 30.2]	100.0
Pearson: Uncorrected chi2(0) = Design-based F(., .) =	.	Pr =	.		
Age					
19-34 (n=65)	82.7	[62.2, 93.3]	17.3	[6.7, 37.8]	100.0
35-50 (n=43)	73.3	[57.1, 84.9]	26.7	[15.1, 42.9]	100.0
51-64 (n=36)	89.3	[76.8, 95.5]	10.7	[4.5, 23.2]	100.0
Pearson: Uncorrected chi2(2) = Design-based F(1.62, 213.24) =	2.8166 1.0955	Pr =	0.326		
Gender					
Male (n=61)	80.9	[61.1, 92.0]	19.1	[8.0, 38.9]	100.0
Female (n=83)	81.6	[71.4, 88.7]	18.4	[11.3, 28.6]	100.0
Pearson: Uncorrected chi2(1) = Design-based F(1.00, 132.00) =	0.0103 0.0058	Pr =	0.939		
Race/ethnicity					
White, non-Hispanic (n=96)	82.2	[72.3, 89.1]	17.8	[10.9, 27.7]	100.0
Black, non-Hispanic (n=26)	74.8	[39.4, 93.1]	25.2	[6.9, 60.6]	100.0
Hispanic (n=8)	94.9	[68.3, 99.4]	5.1	[0.6, 31.7]	100.0
Other, non-Hispanic (n=12)	87.7	[59.7, 97.2]	12.3	[2.8, 40.3]	100.0
Pearson: Uncorrected chi2(3) = Design-based F(2.00, 260.50) =	2.5916 0.5543	Pr =	0.576		
FPL category					
0-35% (n=43)	82.1	[52.8, 94.9]	17.9	[5.1, 47.2]	100.0
36-99% (n=52)	81.9	[68.8, 90.3]	18.1	[9.7, 31.2]	100.0
100%+ (n=49)	79.1	[63.8, 89.0]	20.9	[11.0, 36.2]	100.0
Pearson: Uncorrected chi2(2) = Design-based F(1.58, 208.32) =	0.1624 0.0411	Pr =	0.929		
Region					
UP/NW/NE (n=20)	76.3	[50.3, 91.1]	23.7	[8.9, 49.7]	100.0
W/E Central/E (n=43)	84.8	[69.3, 93.3]	15.2	[6.7, 30.7]	100.0
S Central/SW/SE (n=37)	88.8	[76.1, 95.2]	11.2	[4.8, 23.9]	100.0
Detroit Metro (n=44)	74.5	[49.9, 89.6]	25.5	[10.4, 50.1]	100.0
Pearson: Uncorrected chi2(3) = Design-based F(2.38, 313.86) =	3.5663 0.9869	Pr =	0.385		
Chronic condition (2016/2017 survey or DW)					
Yes (n=99)	78.8	[62.5, 89.2]	21.2	[10.8, 37.5]	100.0
No (n=45)	85.7	[72.3, 93.2]	14.3	[6.8, 27.7]	100.0
Pearson: Uncorrected chi2(1) = Design-based F(1.00, 132.00) =	1.0315 0.6803	Pr =	0.411		
Total (n=144)	81.2	[69.8, 89.0]	18.8	[11.0, 30.2]	100.0

Note: Total count is less than universe count due to item non-response.

6.3.12 Q: Does this health plan have a deductible?

Follow-up group(s): No longer enrolled

Universe: Respondents who are currently covered by a private health insurance plan that is in their name (n = 146)

	Health plan has a deductible						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
No longer enrolled (n=144)	77.3	[65.8, 85.8]	14.7	[7.4, 27.2]	7.9	[4.5, 13.7]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=65)	77.0	[58.2, 88.9]	16.3	[5.9, 37.5]	6.8	[2.8, 15.3]	100.0
35-50 (n=43)	77.2	[59.5, 88.7]	14.1	[5.1, 33.5]	8.6	[3.1, 21.7]	100.0
51-64 (n=36)	78.7	[61.7, 89.4]	10.7	[4.6, 23.2]	10.6	[3.6, 27.2]	100.0
Pearson: Uncorrected chi2(4) =	0.7888						
Design-based F(3.21, 423.67) =	0.1693	Pr =	0.927				
Gender							
Male (n=61)	73.0	[54.6, 85.9]	19.8	[8.3, 40.2]	7.2	[3.1, 15.7]	100.0
Female (n=83)	82.9	[72.9, 89.7]	8.3	[4.0, 16.5]	8.8	[4.1, 18.1]	100.0
Pearson: Uncorrected chi2(2) =	3.7416						
Design-based F(1.92, 253.77) =	1.6038	Pr =	0.204				
Race/ethnicity							
White, non-Hispanic (n=96)	81.9	[71.8, 88.9]	9.3	[4.8, 17.2]	8.8	[4.2, 17.6]	100.0
Black, non-Hispanic (n=26)	68.7	[36.4, 89.4]	26.7	[7.4, 62.2]	4.7	[1.0, 19.2]	100.0
Hispanic (n=8)	72.6	[37.2, 92.2]	11.4	[2.3, 41.3]	15.9	[3.2, 52.2]	100.0
Other, non-Hispanic (n=12)	81.0	[50.3, 94.7]	16.3	[3.9, 48.5]	2.7	[0.4, 18.4]	100.0
Pearson: Uncorrected chi2(6) =	7.7854						
Design-based F(4.22, 548.68) =	1.0719	Pr =	0.371				
FPL category							
0-35% (n=43)	80.0	[52.6, 93.6]	14.8	[3.3, 47.3]	5.1	[1.7, 14.5]	100.0
36-99% (n=52)	76.0	[60.0, 87.0]	16.1	[7.1, 32.6]	7.9	[3.1, 19.0]	100.0
100%+ (n=49)	75.1	[57.9, 86.8]	13.0	[5.3, 28.5]	12.0	[4.7, 27.4]	100.0
Pearson: Uncorrected chi2(4) =	1.5947						
Design-based F(2.83, 373.87) =	0.2400	Pr =	0.858				
Region							
UP/NW/NE (n=20)	81.0	[54.1, 93.9]	3.0	[0.4, 20.2]	16.0	[3.9, 47.5]	100.0
W/E Central/E (n=43)	79.5	[64.1, 89.3]	12.5	[5.4, 26.6]	8.0	[3.0, 19.5]	100.0
S Central/SW/SE (n=37)	79.8	[61.1, 90.9]	12.3	[4.4, 30.1]	7.9	[2.3, 23.8]	100.0
Detroit Metro (n=44)	73.6	[48.8, 89.1]	19.9	[6.2, 48.4]	6.5	[2.2, 17.5]	100.0
Pearson: Uncorrected chi2(6) =	3.3119						
Design-based F(4.38, 577.63) =	0.4808	Pr =	0.766				
Chronic condition (2016/2017 survey or DW)							
Yes (n=99)	75.0	[59.2, 86.1]	18.0	[8.1, 35.3]	7.0	[3.3, 14.3]	100.0
No (n=45)	81.6	[65.5, 91.2]	8.7	[2.6, 25.9]	9.6	[4.0, 21.5]	100.0
Pearson: Uncorrected chi2(2) =	2.3721						
Design-based F(1.80, 237.43) =	0.8015	Pr =	0.438				
Total (n=144)	77.3	[65.8, 85.8]	14.7	[7.4, 27.2]	7.9	[4.5, 13.7]	100.0

Note: Total count is less than universe count due to item non-response.

6.3.12.1 Q: What is the annual deductible for medical care for this plan? (individual plan)

Follow-up group(s): No longer enrolled

Universe: Respondents who are currently covered by a private health insurance plan in their name and their plan has a deductible (n = 114)

Annual deductible amount (individual)	Weighted Proportion	95%CI
< \$1,300 (n=40)	50.6	[50.6, 50.6]
\$1,300-2,600 (n=22)	21.2	[21.2, 21.2]
> \$2,600 (n=11)	12.5	[12.5, 12.5]
Don't know (n=15)	15.7	[15.7, 15.7]

Note: Total count is less than universe count due to item non-response.

6.3.12.2 Q: What is the annual deductible for medical care for this plan? (2+ persons covered)

Follow-up group(s): No longer enrolled

Universe: Respondents who are currently covered by a private health insurance plan in their name and their plan has a deductible (n = 30)

Annual deductible amount (2+ covered)	Weighted Proportion	95%CI
< \$2,600 (n=12)	51.0	[51.0, 51.0]
\$2,600-5,200 (n=6)	29.1	[29.1, 29.1]
> \$5,200 (n=3)	11.2	[11.2, 11.2]
Don't know (n=2)	8.7	[8.7, 8.7]

Note: Total count is less than universe count due to item non-response.

6.4 Q: The amount I paid for the Healthy Michigan Plan seemed fair.

Follow-up group(s): No longer enrolled

Universe: All respondents

	Amount I paid for HMP seemed 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	
Follow-up group													
No longer enrolled (n=708)	35.4	[31.0, 40.1]	56.5	[51.8, 61.1]	3.8	[2.1, 6.5]	3.1	[2.0, 4.7]	0.4	[0.1, 1.3]	0.8	[0.3, 1.7]	100.0
Pearson: Uncorrected chi2(0) =
Design-based F(., .) =	.		Pr =	.									
Age													
19-34 (n=245)	41.7	[34.0, 49.8]	52.9	[44.9, 60.7]	3.0	[1.0, 9.2]	1.9	[0.8, 4.7]	0.3	[0.0, 2.0]	0.2	[0.0, 1.4]	100.0
35-50 (n=209)	28.6	[22.0, 36.3]	62.2	[54.3, 69.5]	2.8	[1.4, 5.3]	4.9	[2.7, 8.8]	0.0		1.5	[0.5, 4.8]	100.0
51-64 (n=254)	33.2	[26.4, 40.7]	55.9	[48.2, 63.4]	6.0	[2.6, 13.4]	2.9	[1.3, 6.3]	1.1	[0.3, 4.4]	0.8	[0.2, 2.6]	100.0
Pearson: Uncorrected chi2(10) =	21.8664												
Design-based F(8.09, 5628.55) =	1.7753		Pr =	0.076									
Gender													
Male (n=296)	36.5	[29.6, 43.9]	57.8	[50.4, 64.9]	3.1	[1.2, 7.5]	1.5	[0.6, 3.6]	0.3	[0.0, 2.3]	0.9	[0.3, 2.8]	100.0
Female (n=412)	34.3	[29.0, 40.0]	55.3	[49.4, 61.0]	4.5	[2.2, 8.8]	4.7	[2.9, 7.6]	0.5	[0.1, 2.1]	0.7	[0.2, 1.9]	100.0
Pearson: Uncorrected chi2(5) =	7.5023												
Design-based F(4.40, 3063.86) =	1.0767		Pr =	0.369									
Race/ethnicity													
White, non-Hispanic (n=455)	41.3	[35.4, 47.4]	51.7	[45.8, 57.5]	4.2	[2.1, 8.1]	2.2	[1.2, 3.9]	0.3	[0.0, 1.9]	0.4	[0.1, 1.4]	100.0
Black, non-Hispanic (n=154)	23.5	[16.8, 31.8]	67.2	[57.9, 75.3]	4.3	[1.5, 12.1]	3.6	[1.5, 8.4]	0.5	[0.1, 3.2]	0.9	[0.2, 4.7]	100.0
Hispanic (n=38)	22.1	[10.2, 41.6]	60.5	[41.8, 76.6]	2.8	[0.6, 11.3]	9.2	[3.4, 22.6]	2.7	[0.4, 16.9]	2.7	[0.4, 16.9]	100.0
Other, non-Hispanic (n=52)	40.0	[25.4, 56.6]	54.0	[37.8, 69.4]	0.0		4.4	[1.0, 17.0]	0.0		1.5	[0.2, 10.1]	100.0
Pearson: Uncorrected chi2(15) =	36.1959												
Design-based F(13.15, 9033.27) =	1.8912		Pr =	0.026									
FPL category													
0-35% (n=217)	32.4	[24.8, 41.1]	57.0	[48.3, 65.3]	6.4	[3.0, 13.1]	2.7	[1.3, 5.5]	1.0	[0.3, 3.3]	0.5	[0.1, 3.5]	100.0
36-99% (n=259)	40.0	[33.2, 47.1]	54.3	[47.2, 61.2]	2.2	[1.1, 4.3]	2.1	[0.8, 5.5]	0.0		1.5	[0.6, 3.7]	100.0
100%+ (n=232)	34.4	[27.1, 42.4]	58.6	[50.6, 66.1]	1.7	[0.6, 5.0]	5.0	[2.7, 9.0]	0.0		0.4	[0.0, 2.5]	100.0
Pearson: Uncorrected chi2(10) =	21.0028												
Design-based F(8.75, 6091.24) =	1.9093		Pr =	0.048									
Region													
UP/NW/NE (n=124)	32.2	[23.9, 41.9]	63.1	[53.4, 71.9]	2.3	[0.8, 6.2]	2.4	[0.7, 7.5]	0.0		0.0		100.0
W/E Central/E (n=203)	37.9	[30.4, 46.1]	54.9	[46.8, 62.7]	1.3	[0.4, 4.5]	5.6	[3.1, 10.0]	0.0		0.3	[0.0, 2.3]	100.0
S Central/SW/SE (n=169)	41.6	[32.4, 51.5]	51.6	[42.2, 60.9]	3.3	[1.3, 7.8]	2.0	[0.6, 6.3]	0.5	[0.1, 3.7]	0.9	[0.3, 2.8]	100.0
Detroit Metro (n=212)	30.6	[23.4, 38.9]	59.2	[50.6, 67.2]	6.2	[2.8, 13.1]	2.1	[0.9, 4.7]	0.8	[0.2, 3.1]	1.2	[0.4, 3.8]	100.0
Pearson: Uncorrected chi2(15) =	23.4180												
Design-based F(12.28, 8549.16) =	1.5893		Pr =	0.085									
Chronic condition (2016/2017 survey or DW)													
Yes (n=537)	30.8	[26.1, 35.8]	60.5	[55.2, 65.5]	3.3	[1.8, 6.1]	3.9	[2.5, 6.1]	0.4	[0.1, 1.7]	1.1	[0.5, 2.4]	100.0
No (n=171)	47.1	[37.6, 56.8]	46.6	[37.3, 56.2]	4.8	[1.6, 13.6]	1.0	[0.3, 3.3]	0.4	[0.1, 3.0]	0.0		100.0
Pearson: Uncorrected chi2(5) =	22.6615												
Design-based F(4.03, 2801.53) =	3.2200		Pr =	0.012									
Total (n=708)	35.4	[31.0, 40.1]	56.5	[51.8, 61.1]	3.8	[2.1, 6.5]	3.1	[2.0, 4.7]	0.4	[0.1, 1.3]	0.8	[0.3, 1.7]	100.0

Note: Total count is less than universe count due to item non-response.

6.5 Q: The amount I pay now for my health insurance seems fair.

Follow-up group(s): No longer enrolled

Universe: Respondents who are currently covered by some kind of health insurance (n = 508)

	Amount I pay now for my health insurance seems 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	
Follow-up group													
No longer enrolled (n=505)	10.9	[8.2, 14.3]	59.0	[53.4, 64.3]	6.1	[4.0, 9.2]	15.2	[11.2, 20.4]	7.4	[5.0, 11.0]	1.4	[0.6, 3.4]	100.0
Pearson: Uncorrected chi2(0) =	.												
Design-based F(., .) =	.	Pr =	.										
Age													
19-34 (n=155)	10.0	[6.0, 16.2]	60.4	[50.1, 69.9]	6.3	[2.9, 13.4]	17.0	[9.8, 28.0]	3.4	[1.3, 9.1]	2.8	[0.9, 8.0]	100.0
35-50 (n=143)	7.5	[4.0, 13.6]	56.7	[46.7, 66.3]	5.3	[2.7, 10.0]	18.3	[11.3, 28.3]	11.9	[6.1, 21.7]	0.4	[0.1, 2.6]	100.0
51-64 (n=207)	15.3	[10.2, 22.3]	59.2	[51.1, 66.8]	6.5	[3.4, 12.0]	10.0	[6.7, 14.6]	8.3	[5.0, 13.6]	0.7	[0.2, 2.3]	100.0
Pearson: Uncorrected chi2(10) =	21.8138												
Design-based F(8.55, 4215.19) =	1.6784	Pr =	0.093										
Gender													
Male (n=196)	10.2	[6.4, 15.9]	58.5	[49.1, 67.4]	7.3	[3.9, 13.3]	17.5	[10.5, 27.6]	6.3	[3.0, 12.7]	0.2	[0.0, 1.3]	100.0
Female (n=309)	11.5	[8.1, 16.1]	59.4	[52.9, 65.5]	5.0	[2.9, 8.4]	13.2	[9.6, 17.8]	8.4	[5.3, 13.2]	2.5	[1.0, 6.2]	100.0
Pearson: Uncorrected chi2(5) =	8.4848												
Design-based F(4.39, 2163.33) =	1.2240	Pr =	0.297										
Race/ethnicity													
White, non-Hispanic (n=332)	13.1	[9.5, 18.0]	55.3	[48.6, 61.9]	7.7	[4.6, 12.6]	13.1	[9.1, 18.6]	9.6	[6.4, 14.3]	1.0	[0.4, 2.9]	100.0
Black, non-Hispanic (n=106)	8.7	[4.2, 17.1]	62.0	[49.0, 73.4]	3.9	[1.6, 9.3]	19.3	[10.1, 33.8]	4.9	[1.2, 18.6]	1.1	[0.2, 7.7]	100.0
Hispanic (n=24)	1.6	[0.2, 10.9]	85.9	[68.8, 94.4]	0.0		9.1	[2.7, 26.3]	1.8	[0.2, 12.3]	1.6	[0.2, 11.1]	100.0
Other, non-Hispanic (n=36)	8.1	[2.8, 21.4]	58.4	[38.5, 75.9]	3.5	[0.5, 21.2]	22.5	[9.5, 44.7]	2.4	[0.3, 15.2]	5.1	[0.7, 28.6]	100.0
Pearson: Uncorrected chi2(15) =	28.0746												
Design-based F(11.81, 5738.05) =	1.3158	Pr =	0.203										
FPL category													
0-35% (n=161)	11.4	[7.0, 18.1]	58.8	[48.4, 68.4]	6.5	[3.0, 13.4]	13.6	[7.0, 24.9]	7.9	[3.8, 15.4]	1.8	[0.4, 7.3]	100.0
36-99% (n=182)	10.7	[6.9, 16.3]	65.2	[57.1, 72.6]	4.4	[2.2, 8.8]	13.4	[8.7, 20.1]	5.5	[2.7, 11.1]	0.8	[0.2, 2.5]	100.0
100%+ (n=162)	10.3	[6.0, 17.3]	51.3	[41.9, 60.6]	7.5	[3.9, 13.8]	20.0	[12.8, 29.9]	9.2	[4.9, 16.7]	1.7	[0.4, 6.1]	100.0
Pearson: Uncorrected chi2(10) =	8.8031												
Design-based F(8.81, 4344.25) =	0.6183	Pr =	0.779										
Region													
UP/NW/NE (n=92)	12.2	[6.6, 21.4]	52.2	[40.9, 63.2]	7.6	[3.3, 16.5]	14.8	[8.2, 25.3]	11.0	[5.7, 20.1]	2.3	[0.7, 7.0]	100.0
W/E Central/E (n=145)	13.2	[7.9, 21.2]	60.4	[50.6, 69.4]	6.6	[3.4, 12.2]	13.3	[7.3, 23.2]	4.6	[2.0, 10.5]	1.9	[0.4, 9.3]	100.0
S Central/SW/SE (n=120)	13.6	[8.4, 21.2]	54.7	[43.0, 65.9]	7.7	[2.8, 19.3]	14.5	[8.1, 24.6]	7.9	[3.3, 17.8]	1.5	[0.3, 7.1]	100.0
Detroit Metro (n=148)	7.3	[3.8, 13.5]	62.3	[51.9, 71.6]	4.3	[2.0, 9.1]	17.1	[9.9, 27.9]	8.3	[4.2, 16.0]	0.8	[0.1, 5.4]	100.0
Pearson: Uncorrected chi2(15) =	11.4364												
Design-based F(12.98, 6398.97) =	0.5667	Pr =	0.882										
Chronic condition (2016/2017 survey or DW)													
Yes (n=396)	10.2	[7.2, 14.2]	56.4	[50.1, 62.5]	5.1	[3.2, 7.9]	17.8	[12.9, 24.1]	8.7	[5.5, 13.4]	1.8	[0.7, 4.5]	100.0
No (n=109)	12.8	[7.6, 21.0]	65.9	[54.4, 75.9]	8.8	[3.8, 18.8]	8.1	[3.4, 18.3]	4.0	[1.7, 8.9]	0.3	[0.0, 2.3]	100.0
Pearson: Uncorrected chi2(5) =	14.9787												
Design-based F(4.25, 2094.62) =	2.1683	Pr =	0.066										
Total (n=505)	10.9	[8.2, 14.3]	59.0	[53.4, 64.3]	6.1	[4.0, 9.2]	15.2	[11.2, 20.4]	7.4	[5.0, 11.0]	1.4	[0.6, 3.4]	100.0

Note: Total count is less than universe count due to item non-response.

6.6 Q: The amount I paid for the Healthy Michigan Plan was affordable.

Follow-up group(s): No longer enrolled

Universe: All respondents

	Amount I paid for HMP was 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	
Follow-up group													
No longer enrolled (n=708)	38.6	[34.1, 43.3]	55.8	[51.1, 60.4]	1.4	[0.7, 2.6]	3.6	[2.4, 5.5]	0.2	[0.1, 1.0]	0.4	[0.1, 1.1]	100.0
Pearson: Uncorrected chi2(0) =	.		.										
Design-based F(., .) =	.	Pr =	.										
Age													
19-34 (n=245)	45.2	[37.4, 53.3]	51.6	[43.6, 59.5]	0.2	[0.0, 1.7]	2.9	[1.2, 6.9]	0.0		0.0		100.0
35-50 (n=209)	33.3	[26.1, 41.4]	58.3	[50.2, 65.9]	2.5	[1.1, 5.5]	5.2	[2.9, 9.1]	0.2	[0.0, 1.6]	0.5	[0.1, 3.3]	100.0
51-64 (n=254)	34.1	[27.2, 41.6]	59.6	[51.9, 66.8]	1.8	[0.5, 6.2]	3.0	[1.5, 5.7]	0.6	[0.1, 4.1]	0.9	[0.3, 3.1]	100.0
Pearson: Uncorrected chi2(10) =	19.3859												
Design-based F(8.90, 6194.12) =	1.8160	Pr =	0.061										
Gender													
Male (n=296)	38.1	[31.1, 45.6]	58.0	[50.6, 65.1]	0.3	[0.0, 1.9]	2.9	[1.4, 5.9]	0.3	[0.0, 2.3]	0.5	[0.1, 1.9]	100.0
Female (n=412)	39.1	[33.6, 44.9]	53.6	[47.8, 59.3]	2.5	[1.2, 4.9]	4.4	[2.7, 7.2]	0.1	[0.0, 1.0]	0.3	[0.1, 1.5]	100.0
Pearson: Uncorrected chi2(5) =	8.4964												
Design-based F(4.51, 3136.56) =	1.5839	Pr =	0.168										
Race/ethnicity													
White, non-Hispanic (n=455)	44.5	[38.6, 50.5]	50.7	[44.8, 56.5]	2.0	[0.9, 4.1]	2.3	[1.3, 4.0]	0.4	[0.1, 1.7]	0.2	[0.0, 1.1]	100.0
Black, non-Hispanic (n=154)	27.8	[20.2, 36.9]	67.0	[57.6, 75.2]	0.3	[0.0, 1.8]	4.8	[2.1, 10.8]	0.0		0.2	[0.0, 1.2]	100.0
Hispanic (n=38)	27.7	[14.2, 46.9]	55.2	[36.6, 72.4]	2.8	[0.6, 11.3]	11.7	[4.7, 26.3]	0.0		2.7	[0.4, 16.9]	100.0
Other, non-Hispanic (n=52)	37.7	[23.4, 54.5]	56.5	[40.0, 71.6]	0.0		4.3	[1.0, 16.9]	0.0		1.5	[0.2, 9.9]	100.0
Pearson: Uncorrected chi2(15) =	39.0802												
Design-based F(12.92, 8874.94) =	2.2973	Pr =	0.005										
FPL category													
0-35% (n=217)	40.5	[32.3, 49.2]	55.0	[46.4, 63.3]	1.6	[0.5, 4.9]	2.0	[0.8, 5.1]	0.4	[0.1, 2.8]	0.5	[0.1, 2.1]	100.0
36-99% (n=259)	39.2	[32.5, 46.3]	56.0	[48.9, 62.9]	1.5	[0.7, 3.6]	2.6	[1.2, 6.0]	0.0		0.6	[0.1, 2.8]	100.0
100%+ (n=232)	34.9	[27.6, 43.0]	56.8	[48.8, 64.4]	0.7	[0.2, 2.4]	7.3	[4.2, 12.6]	0.3	[0.0, 1.9]	0.0		100.0
Pearson: Uncorrected chi2(10) =	13.5195												
Design-based F(8.88, 6180.27) =	1.2833	Pr =	0.241										
Region													
UP/NW/NE (n=124)	42.4	[33.0, 52.3]	53.6	[43.8, 63.2]	1.5	[0.5, 4.6]	2.5	[0.8, 7.6]	0.0		0.0		100.0
W/E Central/E (n=203)	37.3	[29.7, 45.6]	57.2	[49.0, 65.0]	0.6	[0.1, 2.9]	4.6	[2.3, 9.1]	0.2	[0.0, 1.7]	0.0		100.0
S Central/SW/SE (n=169)	44.3	[35.0, 54.1]	51.1	[41.7, 60.5]	1.9	[0.6, 6.3]	2.0	[0.7, 6.2]	0.0		0.6	[0.1, 2.5]	100.0
Detroit Metro (n=212)	35.2	[27.6, 43.7]	58.0	[49.5, 66.0]	1.5	[0.5, 4.4]	4.1	[2.2, 7.8]	0.4	[0.1, 2.9]	0.7	[0.2, 2.7]	100.0
Pearson: Uncorrected chi2(15) =	9.4741												
Design-based F(11.71, 8148.81) =	0.7066	Pr =	0.743										
Chronic condition (2016/2017 survey or DW)													
Yes (n=537)	34.3	[29.5, 39.5]	59.0	[53.7, 64.0]	1.2	[0.6, 2.5]	4.6	[3.0, 7.0]	0.3	[0.1, 1.4]	0.6	[0.2, 1.6]	100.0
No (n=171)	49.3	[39.7, 58.8]	47.8	[38.4, 57.3]	1.7	[0.5, 6.1]	1.3	[0.3, 5.3]	0.0		0.0		100.0
Pearson: Uncorrected chi2(5) =	17.8276												
Design-based F(4.65, 3237.09) =	2.8477	Pr =	0.017										
Total (n=708)	38.6	[34.1, 43.3]	55.8	[51.1, 60.4]	1.4	[0.7, 2.6]	3.6	[2.4, 5.5]	0.2	[0.1, 1.0]	0.4	[0.1, 1.1]	100.0

Note: Total count is less than universe count due to item non-response.

6.7 Q: The amount I pay now for my health insurance is affordable.

Follow-up group(s): No longer enrolled

Universe: Respondents who are currently covered by some kind of health insurance (n = 508)

	Amount I pay now for my health insurance is 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	
Follow-up group													
No longer enrolled (n=506)	11.4	[8.6, 14.9]	61.0	[55.6, 66.2]	8.5	[5.8, 12.5]	13.0	[9.6, 17.2]	4.9	[3.1, 7.7]	1.1	[0.4, 3.2]	100.0
Pearson: Uncorrected chi2(0) =	.												
Design-based F(., .) =	.	Pr =	.										
Age													
19-34 (n=155)	10.5	[6.4, 16.8]	63.2	[53.4, 72.0]	11.8	[6.2, 21.1]	8.3	[4.9, 13.7]	3.4	[1.2, 9.0]	2.8	[0.9, 8.0]	100.0
35-50 (n=144)	8.0	[4.4, 14.3]	60.4	[50.2, 69.8]	4.7	[2.3, 9.6]	20.7	[12.8, 31.8]	6.1	[2.9, 12.6]	0.0		100.0
51-64 (n=207)	15.8	[10.5, 22.9]	58.8	[50.7, 66.5]	8.1	[4.8, 13.4]	11.5	[7.6, 17.1]	5.8	[3.1, 10.6]	0.0		100.0
Pearson: Uncorrected chi2(10) =	30.1995												
Design-based F(9.54, 4710.80) =	2.2070	Pr =	0.017										
Gender													
Male (n=196)	10.1	[6.4, 15.7]	65.4	[56.2, 73.6]	7.3	[3.4, 15.2]	15.1	[9.4, 23.3]	2.1	[0.8, 5.2]	0.0		100.0
Female (n=310)	12.6	[8.9, 17.4]	57.2	[50.6, 63.5]	9.6	[6.4, 14.3]	11.1	[8.1, 15.1]	7.5	[4.5, 12.2]	2.1	[0.7, 6.0]	100.0
Pearson: Uncorrected chi2(5) =	16.6538												
Design-based F(4.77, 2357.03) =	2.1487	Pr =	0.060										
Race/ethnicity													
White, non-Hispanic (n=332)	12.7	[9.1, 17.6]	57.8	[51.0, 64.3]	10.8	[6.7, 16.9]	11.2	[8.0, 15.3]	7.1	[4.3, 11.5]	0.5	[0.1, 3.3]	100.0
Black, non-Hispanic (n=106)	9.8	[5.1, 17.9]	63.1	[51.1, 73.7]	7.4	[3.4, 15.4]	16.5	[8.8, 28.7]	2.0	[0.6, 6.9]	1.1	[0.2, 7.7]	100.0
Hispanic (n=25)	1.6	[0.2, 10.7]	85.7	[69.8, 94.0]	1.5	[0.2, 10.3]	9.7	[3.3, 24.9]	0.0		1.6	[0.2, 10.9]	100.0
Other, non-Hispanic (n=36)	10.7	[4.2, 25.0]	62.4	[42.1, 79.1]	0.0		18.2	[6.5, 41.6]	3.5	[0.8, 14.3]	5.1	[0.7, 28.6]	100.0
Pearson: Uncorrected chi2(15) =	31.1595												
Design-based F(12.54, 6108.21) =	1.6086	Pr =	0.078										
FPL category													
0-35% (n=161)	12.6	[7.9, 19.4]	63.0	[53.0, 72.1]	6.0	[2.5, 13.6]	11.6	[6.1, 20.9]	5.0	[2.5, 9.6]	1.8	[0.4, 7.3]	100.0
36-99% (n=183)	11.9	[7.8, 17.6]	65.3	[57.2, 72.5]	6.8	[3.9, 11.4]	12.0	[7.5, 18.7]	4.1	[1.7, 9.3]	0.0		100.0
100%+ (n=162)	9.1	[4.9, 16.0]	52.4	[43.0, 61.7]	14.8	[8.1, 25.6]	16.3	[11.1, 23.4]	6.0	[2.5, 13.6]	1.4	[0.3, 6.3]	100.0
Pearson: Uncorrected chi2(10) =	16.4662												
Design-based F(9.26, 4572.10) =	1.1012	Pr =	0.358										
Region													
UP/NW/NE (n=92)	11.2	[6.0, 19.8]	56.5	[45.2, 67.2]	7.6	[3.6, 15.4]	16.7	[9.6, 27.3]	7.1	[3.1, 15.5]	0.9	[0.1, 6.1]	100.0
W/E Central/E (n=146)	11.8	[6.8, 19.7]	65.1	[55.1, 73.9]	9.3	[4.1, 19.7]	9.0	[5.2, 15.2]	3.2	[1.1, 8.7]	1.6	[0.2, 10.3]	100.0
S Central/SW/SE (n=120)	15.7	[9.9, 24.0]	53.7	[42.0, 65.0]	11.4	[5.5, 22.4]	11.4	[5.7, 21.6]	6.6	[2.4, 16.7]	1.2	[0.2, 7.9]	100.0
Detroit Metro (n=148)	8.6	[4.8, 14.8]	63.6	[53.9, 72.3]	6.5	[3.3, 12.4]	15.9	[9.7, 24.9]	4.7	[2.4, 9.1]	0.8	[0.1, 5.4]	100.0
Pearson: Uncorrected chi2(15) =	13.6535												
Design-based F(13.00, 6422.13) =	0.6935	Pr =	0.772										
Chronic condition (2016/2017 survey or DW)													
Yes (n=396)	10.8	[7.7, 14.9]	60.1	[53.9, 65.9]	8.4	[5.3, 13.0]	13.6	[9.8, 18.5]	5.8	[3.5, 9.4]	1.4	[0.4, 4.4]	100.0
No (n=110)	13.1	[7.8, 21.2]	63.6	[52.1, 73.8]	9.0	[4.0, 18.9]	11.4	[5.7, 21.5]	2.6	[0.9, 7.0]	0.3	[0.0, 2.3]	100.0
Pearson: Uncorrected chi2(5) =	4.2029												
Design-based F(4.31, 2128.49) =	0.6114	Pr =	0.667										
Total (n=506)	11.4	[8.6, 14.9]	61.0	[55.6, 66.2]	8.5	[5.8, 12.5]	13.0	[9.6, 17.2]	4.9	[3.1, 7.7]	1.1	[0.4, 3.2]	100.0

Note: Total count is less than universe count due to item non-response.

6.8 Q: Overall, how does the amount you currently pay for your health care in a typical month compare to what you were paying with your Healthy Michigan Plan insurance?

Follow-up group(s): No longer enrolled

Universe: All respondents

	Current monthly insurance cost compared to HMP										Total Row%
	Less		About the same		A little more		A lot more		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group											
No longer enrolled (n=701)	7.7	[5.8, 10.2]	39.4	[35.1, 44.0]	14.8	[11.9, 18.2]	32.2	[27.8, 37.0]	5.8	[4.0, 8.4]	100.0
Pearson: Uncorrected chi2(0) =	.										
Design-based F(., .) =	.	Pr =	.								
Age											
19-34 (n=243)	4.0	[2.2, 7.1]	37.9	[30.6, 45.8]	19.9	[14.6, 26.5]	34.0	[26.5, 42.5]	4.2	[2.2, 7.8]	100.0
35-50 (n=206)	9.1	[5.9, 13.8]	43.2	[35.5, 51.3]	8.8	[5.2, 14.3]	32.5	[25.2, 40.8]	6.4	[3.5, 11.5]	100.0
51-64 (n=252)	12.0	[7.5, 18.7]	37.7	[30.9, 45.1]	13.5	[9.2, 19.4]	29.0	[22.6, 36.5]	7.8	[3.9, 14.9]	100.0
Pearson: Uncorrected chi2(8) =	25.7655										
Design-based F(7.72, 5319.70) =	2.3008	Pr =	0.020								
Gender											
Male (n=293)	7.3	[4.6, 11.5]	41.1	[34.3, 48.3]	17.1	[12.8, 22.4]	29.3	[22.5, 37.2]	5.3	[3.0, 9.0]	100.0
Female (n=408)	8.1	[5.8, 11.4]	37.8	[32.4, 43.6]	12.5	[8.9, 17.3]	35.2	[29.8, 40.9]	6.4	[3.8, 10.5]	100.0
Pearson: Uncorrected chi2(4) =	5.3349										
Design-based F(3.92, 2700.30) =	0.8781	Pr =	0.474								
Race/ethnicity											
White, non-Hispanic (n=451)	7.7	[5.5, 10.7]	37.2	[31.8, 43.0]	15.4	[11.9, 19.8]	34.1	[28.6, 40.0]	5.6	[3.3, 9.2]	100.0
Black, non-Hispanic (n=152)	7.3	[3.5, 14.6]	41.4	[32.3, 51.1]	10.5	[6.2, 17.3]	33.6	[24.3, 44.3]	7.2	[3.7, 13.8]	100.0
Hispanic (n=37)	20.3	[10.1, 36.8]	30.0	[15.7, 49.6]	22.3	[8.2, 47.9]	17.8	[8.1, 34.7]	9.7	[3.4, 24.6]	100.0
Other, non-Hispanic (n=52)	1.9	[0.4, 8.3]	53.3	[37.2, 68.8]	19.5	[9.6, 35.7]	23.9	[12.5, 40.8]	1.4	[0.2, 9.5]	100.0
Pearson: Uncorrected chi2(12) =	27.1923										
Design-based F(10.88, 7399.50) =	1.5823	Pr =	0.098								
FPL category											
0-35% (n=216)	5.5	[3.2, 9.3]	49.1	[40.6, 57.6]	11.4	[7.3, 17.2]	29.8	[21.8, 39.2]	4.3	[2.1, 8.5]	100.0
36-99% (n=254)	6.9	[3.7, 12.6]	36.8	[30.3, 43.7]	22.8	[17.1, 29.7]	28.1	[22.3, 34.6]	5.5	[2.6, 11.0]	100.0
100%+ (n=231)	12.1	[8.3, 17.3]	27.9	[21.6, 35.2]	10.3	[6.4, 16.2]	41.1	[33.6, 49.0]	8.6	[4.9, 14.7]	100.0
Pearson: Uncorrected chi2(8) =	44.9362										
Design-based F(7.64, 5266.92) =	3.8369	Pr =	0.000								
Region											
UP/NW/NE (n=123)	8.8	[4.6, 16.3]	35.2	[26.5, 44.9]	10.6	[6.1, 17.8]	40.9	[31.7, 50.7]	4.6	[1.8, 11.1]	100.0
W/E Central/E (n=198)	9.6	[6.2, 14.6]	37.9	[30.6, 45.8]	18.0	[12.5, 25.3]	28.2	[21.3, 36.2]	6.3	[3.1, 12.3]	100.0
S Central/SW/SE (n=169)	7.2	[4.0, 12.6]	41.5	[32.9, 50.7]	12.6	[8.2, 18.8]	34.1	[25.0, 44.6]	4.7	[2.0, 10.4]	100.0
Detroit Metro (n=211)	6.4	[3.5, 11.4]	40.3	[32.4, 48.7]	14.7	[9.9, 21.2]	32.1	[24.4, 40.8]	6.5	[3.5, 11.6]	100.0
Pearson: Uncorrected chi2(12) =	8.5587										
Design-based F(10.59, 7296.71) =	0.5787	Pr =	0.842								
Chronic condition (2016/2017 survey or DW)											
Yes (n=531)	8.4	[6.1, 11.6]	38.1	[33.2, 43.2]	13.9	[10.7, 17.8]	33.0	[28.1, 38.4]	6.5	[4.3, 9.7]	100.0
No (n=170)	5.9	[3.4, 10.2]	42.8	[33.6, 52.5]	17.1	[11.3, 24.9]	30.2	[21.7, 40.3]	4.0	[1.5, 10.2]	100.0
Pearson: Uncorrected chi2(4) =	4.8715										
Design-based F(3.81, 2626.22) =	0.7476	Pr =	0.553								
Total (n=701)	7.7	[5.8, 10.2]	39.4	[35.1, 44.0]	14.8	[11.9, 18.2]	32.2	[27.8, 37.0]	5.8	[4.0, 8.4]	100.0

Note: Total count is less than universe count due to item non-response.

6.9 Q: Since your Healthy Michigan Plan insurance ended, have you had problems paying medical bills?

Follow-up group(s): No longer enrolled

Universe: All respondents

	Problems paying medical bills since HMP coverage ended						Total Row%
	Yes		No		Don't know		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group							
No longer enrolled (n=708)	22.0	[18.5, 26.0]	77.6	[73.7, 81.1]	0.4	[0.1, 1.3]	100.0
Pearson: Uncorrected chi2(0) =	.		.				
Design-based F(., .) =	.	Pr =	.				
Age							
19-34 (n=244)	20.5	[15.0, 27.2]	79.3	[72.5, 84.7]	0.3	[0.0, 1.9]	100.0
35-50 (n=209)	25.7	[19.2, 33.6]	74.3	[66.4, 80.8]	0.0		100.0
51-64 (n=255)	20.2	[15.4, 26.2]	78.8	[72.7, 83.8]	0.9	[0.2, 4.7]	100.0
Pearson: Uncorrected chi2(4) =	4.9839						
Design-based F(3.76, 2618.40) =	1.0248	Pr =	0.391				
Gender							
Male (n=297)	18.5	[13.6, 24.6]	81.3	[75.2, 86.2]	0.2	[0.0, 1.6]	100.0
Female (n=411)	25.6	[20.9, 30.9]	73.9	[68.6, 78.6]	0.5	[0.1, 2.6]	100.0
Pearson: Uncorrected chi2(2) =	5.6568						
Design-based F(1.90, 1324.33) =	2.2235	Pr =	0.111				
Race/ethnicity							
White, non-Hispanic (n=455)	22.1	[17.9, 26.9]	77.6	[72.7, 81.8]	0.4	[0.1, 2.5]	100.0
Black, non-Hispanic (n=154)	22.8	[15.7, 31.9]	77.2	[68.1, 84.3]	0.0		100.0
Hispanic (n=38)	20.2	[7.7, 43.6]	79.8	[56.4, 92.3]	0.0		100.0
Other, non-Hispanic (n=52)	17.5	[7.8, 34.8]	81.1	[64.1, 91.1]	1.4	[0.2, 9.5]	100.0
Pearson: Uncorrected chi2(6) =	3.5736						
Design-based F(5.60, 3843.88) =	0.3831	Pr =	0.879				
FPL category							
0-35% (n=217)	22.1	[16.0, 29.8]	77.1	[69.3, 83.3]	0.8	[0.2, 3.3]	100.0
36-99% (n=259)	15.5	[11.3, 21.0]	84.5	[79.0, 88.7]	0.0		100.0
100%+ (n=232)	29.8	[23.4, 37.0]	70.1	[62.8, 76.4]	0.2	[0.0, 1.2]	100.0
Pearson: Uncorrected chi2(4) =	14.7608						
Design-based F(3.32, 2313.97) =	3.4231	Pr =	0.013				
Region							
UP/NW/NE (n=124)	23.4	[16.3, 32.4]	76.6	[67.6, 83.7]	0.0		100.0
W/E Central/E (n=203)	18.3	[13.4, 24.6]	81.7	[75.4, 86.6]	0.0		100.0
S Central/SW/SE (n=169)	24.2	[17.6, 32.4]	74.4	[66.0, 81.2]	1.4	[0.3, 5.8]	100.0
Detroit Metro (n=212)	23.1	[16.8, 30.9]	76.8	[68.9, 83.1]	0.1	[0.0, 0.8]	100.0
Pearson: Uncorrected chi2(6) =	8.7212						
Design-based F(4.38, 3046.27) =	1.6493	Pr =	0.153				
Chronic condition (2016/2017 survey or DW)							
Yes (n=538)	23.6	[19.6, 28.1]	75.9	[71.3, 79.9]	0.5	[0.1, 1.8]	100.0
No (n=170)	18.0	[11.7, 26.7]	82.0	[73.3, 88.3]	0.0		100.0
Pearson: Uncorrected chi2(2) =	3.7747						
Design-based F(1.89, 1317.08) =	1.2867	Pr =	0.276				
Total (n=708)	22.0	[18.5, 26.0]	77.6	[73.7, 81.1]	0.4	[0.1, 1.3]	100.0

Note: Total count is less than universe count due to item non-response.

6.9.1 Q: Since your Healthy Michigan Plan insurance ended, have your problems paying medical bills gotten worse, stayed the same, or gotten better?

Follow-up group(s): No longer enrolled

Universe: Respondents who had problems paying medical bills since HMP coverage ended (n = 169)

	Change in problems paying medical bills since HMP coverage ended								Total Row%
	Gotten worse Row%	95%CI	Stayed the same Row%	95%CI	Gotten better Row%	95%CI	Don't know Row%	95%CI	
Follow-up group									
No longer enrolled (n=168)	80.7	[73.9, 86.1]	15.2	[10.5, 21.5]	3.1	[1.3, 7.0]	1.0	[0.2, 4.2]	100.0
Pearson: Uncorrected chi2(0) = Design-based F(., .) =	.		Pr =	.					
Age									
19-34 (n=55)	81.1	[67.5, 89.9]	14.5	[6.9, 28.0]	4.3	[1.3, 13.3]	0.0		100.0
35-50 (n=54)	85.8	[75.4, 92.2]	12.9	[6.8, 23.3]	1.3	[0.3, 5.1]	0.0		100.0
51-64 (n=59)	72.8	[58.7, 83.4]	19.4	[10.8, 32.4]	3.6	[0.7, 16.2]	4.2	[1.0, 15.6]	100.0
Pearson: Uncorrected chi2(6) = Design-based F(5.04, 786.98) =	7.4865		Pr =	0.314					
	1.1861								
Gender									
Male (n=58)	80.5	[68.4, 88.7]	16.3	[9.0, 27.9]	1.5	[0.2, 10.4]	1.6	[0.2, 11.1]	100.0
Female (n=110)	80.9	[71.7, 87.6]	14.3	[8.7, 22.8]	4.2	[1.7, 10.1]	0.6	[0.1, 4.2]	100.0
Pearson: Uncorrected chi2(3) = Design-based F(2.96, 461.04) =	1.4923		Pr =	0.686					
	0.4907								
Race/ethnicity									
White, non-Hispanic (n=108)	73.8	[63.4, 82.0]	19.6	[12.5, 29.3]	4.9	[2.0, 11.5]	1.8	[0.4, 7.1]	100.0
Black, non-Hispanic (n=38)	91.8	[81.3, 96.7]	7.5	[2.8, 18.3]	0.7	[0.1, 5.3]	0.0		100.0
Hispanic (n=8)	85.1	[46.7, 97.4]	14.9	[2.6, 53.3]	0.0		0.0		100.0
Other, non-Hispanic (n=10)	95.3	[70.3, 99.4]	4.7	[0.6, 29.7]	0.0		0.0		100.0
Pearson: Uncorrected chi2(9) = Design-based F(5.52, 838.45) =	9.1291		Pr =	0.437					
	0.9744								
FPL category									
0-35% (n=47)	88.2	[77.5, 94.1]	6.0	[2.3, 15.1]	3.3	[0.8, 12.7]	2.5	[0.6, 10.1]	100.0
36-99% (n=44)	76.6	[62.3, 86.6]	21.7	[12.1, 35.8]	1.7	[0.2, 11.7]	0.0		100.0
100%+ (n=77)	74.8	[61.6, 84.6]	21.5	[12.3, 34.8]	3.7	[1.2, 11.3]	0.0		100.0
Pearson: Uncorrected chi2(6) = Design-based F(5.32, 830.51) =	10.0877		Pr =	0.063					
	2.0673								
Region									
UP/NW/NE (n=30)	69.3	[48.1, 84.6]	25.8	[11.9, 47.3]	4.8	[1.2, 17.9]	0.0		100.0
W/E Central/E (n=42)	67.8	[50.0, 81.6]	22.4	[11.2, 39.7]	5.5	[1.3, 20.3]	4.3	[1.0, 16.8]	100.0
S Central/SW/SE (n=43)	81.4	[66.6, 90.6]	14.3	[6.8, 27.6]	4.3	[1.0, 17.3]	0.0		100.0
Detroit Metro (n=53)	90.4	[81.4, 95.3]	9.1	[4.3, 18.2]	0.5	[0.1, 3.6]	0.0		100.0
Pearson: Uncorrected chi2(9) = Design-based F(7.11, 1109.50) =	14.3529		Pr =	0.025					
	2.2802								
Chronic condition (2016/2017 survey or DW)									
Yes (n=138)	79.1	[70.9, 85.4]	15.6	[10.2, 23.0]	4.0	[1.7, 9.0]	1.3	[0.3, 5.5]	100.0
No (n=30)	86.2	[69.9, 94.4]	13.8	[5.6, 30.1]	0.0		0.0		100.0
Pearson: Uncorrected chi2(3) = Design-based F(2.93, 456.41) =	2.3247		Pr =	0.533					
	0.7270								
Total (n=168)	80.7	[73.9, 86.1]	15.2	[10.5, 21.5]	3.1	[1.3, 7.0]	1.0	[0.2, 4.2]	100.0

Note: Total count is less than universe count due to item non-response.

6.10 Q: People without health insurance need to worry a lot about being wiped out financially.

Follow-up group(s): No longer enrolled

Universe: All respondents

	Strongly agree		Agree		Neutral		Disagree		Strongly disagree		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Follow-up group													
No longer enrolled (n=706)	32.5	[28.2, 37.0]	49.0	[44.4, 53.7]	6.9	[4.8, 9.7]	9.8	[7.4, 12.9]	0.6	[0.2, 1.6]	1.2	[0.4, 3.2]	100.0
Pearson: Uncorrected chi2(0) =	.		.										
Design-based F(., .) =	.		Pr =										
Age													
19-34 (n=245)	29.8	[22.9, 37.8]	45.6	[37.8, 53.6]	11.8	[7.7, 17.5]	9.5	[5.9, 15.0]	1.2	[0.4, 3.6]	2.1	[0.6, 7.2]	100.0
35-50 (n=209)	31.3	[24.4, 39.2]	53.7	[45.7, 61.5]	2.3	[1.0, 5.1]	12.2	[7.7, 18.8]	0.0		0.5	[0.1, 3.2]	100.0
51-64 (n=252)	38.0	[31.0, 45.7]	49.2	[41.6, 56.8]	4.3	[1.6, 11.0]	7.5	[4.3, 12.9]	0.4	[0.1, 2.7]	0.6	[0.1, 3.0]	100.0
Pearson: Uncorrected chi2(10) =	32.2823												
Design-based F(9.16, 6356.94) =	2.4573		Pr =		0.008								
Gender													
Male (n=295)	33.0	[26.4, 40.3]	46.4	[39.2, 53.8]	7.8	[4.7, 12.7]	12.4	[8.7, 17.3]	0.2	[0.0, 1.5]	0.3	[0.0, 1.8]	100.0
Female (n=411)	32.0	[26.9, 37.5]	51.6	[45.8, 57.4]	6.0	[3.7, 9.5]	7.3	[4.4, 11.7]	1.0	[0.4, 3.0]	2.2	[0.7, 6.2]	100.0
Pearson: Uncorrected chi2(5) =	13.7758												
Design-based F(4.68, 3249.16) =	2.0424		Pr =		0.074								
Race/ethnicity													
White, non-Hispanic (n=454)	39.2	[33.6, 45.2]	45.8	[40.1, 51.6]	7.4	[4.9, 10.9]	6.2	[3.8, 10.1]	0.7	[0.2, 2.5]	0.6	[0.2, 1.8]	100.0
Black, non-Hispanic (n=153)	21.7	[14.9, 30.4]	56.2	[46.4, 65.6]	5.0	[1.9, 12.7]	16.2	[10.6, 24.1]	0.8	[0.2, 3.1]	0.0		100.0
Hispanic (n=38)	22.3	[10.5, 41.1]	35.7	[20.9, 53.9]	14.6	[5.2, 34.6]	14.5	[5.8, 31.9]	0.0		12.8	[2.8, 42.6]	100.0
Other, non-Hispanic (n=52)	27.3	[15.8, 42.9]	56.5	[40.2, 71.4]	4.9	[0.7, 27.5]	9.7	[3.7, 23.0]	0.0		1.7	[0.2, 11.2]	100.0
Pearson: Uncorrected chi2(15) =	85.2456												
Design-based F(12.80, 8770.36) =	3.6556		Pr =		0.000								
FPL category													
0-35% (n=215)	34.6	[26.8, 43.2]	45.0	[36.7, 53.6]	5.8	[3.0, 11.0]	12.4	[8.0, 18.9]	0.8	[0.2, 3.7]	1.3	[0.2, 8.9]	100.0
36-99% (n=259)	30.7	[24.6, 37.7]	51.5	[44.4, 58.5]	8.2	[4.7, 14.0]	7.8	[4.6, 12.7]	0.5	[0.1, 2.2]	1.3	[0.4, 3.9]	100.0
100%+ (n=232)	31.4	[24.8, 38.8]	52.1	[44.3, 59.8]	6.8	[3.6, 12.6]	8.3	[5.0, 13.6]	0.4	[0.1, 3.0]	1.0	[0.3, 3.2]	100.0
Pearson: Uncorrected chi2(10) =	7.2708												
Design-based F(8.82, 6123.57) =	0.5123		Pr =		0.864								
Region													
UP/NW/NE (n=124)	35.9	[27.1, 45.8]	48.9	[39.4, 58.4]	3.9	[1.6, 9.3]	10.0	[5.5, 17.3]	0.0		1.4	[0.3, 5.8]	100.0
W/E Central/E (n=202)	25.7	[19.4, 33.2]	51.2	[43.3, 59.2]	10.1	[6.0, 16.6]	11.3	[7.1, 17.6]	0.8	[0.2, 3.0]	0.8	[0.2, 3.3]	100.0
S Central/SW/SE (n=168)	38.9	[30.0, 48.6]	46.9	[37.7, 56.3]	6.3	[2.7, 14.0]	7.5	[4.0, 13.6]	0.4	[0.1, 3.0]	0.0		100.0
Detroit Metro (n=212)	32.8	[25.4, 41.3]	48.7	[40.3, 57.1]	5.5	[2.8, 10.7]	10.0	[5.9, 16.4]	0.8	[0.2, 3.7]	2.2	[0.6, 8.0]	100.0
Pearson: Uncorrected chi2(15) =	16.6612												
Design-based F(12.04, 8352.74) =	0.8791		Pr =		0.568								
Chronic condition (2016/2017 survey or DW)													
Yes (n=535)	31.5	[26.9, 36.5]	51.3	[46.0, 56.5]	6.5	[4.2, 9.8]	9.7	[7.0, 13.1]	0.5	[0.1, 2.1]	0.6	[0.2, 1.7]	100.0
No (n=171)	34.9	[25.9, 45.0]	43.3	[34.3, 52.9]	7.9	[4.1, 14.6]	10.2	[5.5, 18.0]	1.0	[0.3, 3.2]	2.8	[0.7, 10.7]	100.0
Pearson: Uncorrected chi2(5) =	9.1433												
Design-based F(4.80, 3333.49) =	1.1318		Pr =		0.341								
Total (n=706)	32.5	[28.2, 37.0]	49.0	[44.4, 53.7]	6.9	[4.8, 9.7]	9.8	[7.4, 12.9]	0.6	[0.2, 1.6]	1.2	[0.4, 3.2]	100.0

Note: Total count is less than universe count due to item non-response.

6.11 Q: I worry more about something bad happening to my health since my Healthy Michigan Plan insurance ended.

Follow-up group(s): No longer enrolled

Universe: All respondents

	Strongly agree		Agree		I worry more about my health since HMP coverage ended				Strongly disagree		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Neutral	Disagree	Disagree	Disagree	Row%	95%CI	Row%	95%CI	
Follow-up group													
No longer enrolled (n=703)	19.1	[15.7, 23.1]	29.9	[25.7, 34.4]	7.5	[5.5, 10.0]	37.5	[33.0, 42.1]	5.5	[3.9, 7.7]	0.5	[0.2, 1.2]	100.0
Pearson: Uncorrected chi2(0) =	.		.										
Design-based F(., .) =	.	Pr =	.										
Age													
19-34 (n=243)	18.4	[12.9, 25.5]	30.4	[23.5, 38.3]	9.9	[6.3, 15.2]	34.0	[26.9, 42.0]	7.4	[4.6, 11.6]	0.0		100.0
35-50 (n=208)	18.9	[13.7, 25.4]	34.3	[26.9, 42.5]	5.0	[2.8, 8.9]	37.4	[30.0, 45.5]	4.2	[2.0, 8.4]	0.2	[0.0, 1.5]	100.0
51-64 (n=252)	20.6	[14.9, 27.7]	24.1	[18.2, 31.1]	6.4	[4.0, 10.3]	43.0	[35.5, 50.7]	4.3	[2.3, 7.9]	1.7	[0.7, 4.3]	100.0
Pearson: Uncorrected chi2(10) =	20.8515												
Design-based F(8.93, 6170.17) =	1.7840	Pr =	0.067										
Gender													
Male (n=294)	17.3	[12.4, 23.6]	31.8	[25.3, 39.1]	7.1	[4.3, 11.6]	37.5	[30.7, 44.9]	5.9	[3.7, 9.4]	0.4	[0.1, 1.5]	100.0
Female (n=409)	21.0	[16.6, 26.1]	28.0	[23.0, 33.6]	7.8	[5.4, 11.0]	37.4	[31.9, 43.2]	5.2	[3.2, 8.3]	0.7	[0.2, 2.0]	100.0
Pearson: Uncorrected chi2(5) =	2.8042												
Design-based F(4.64, 3208.60) =	0.4280	Pr =	0.816										
Race/ethnicity													
White, non-Hispanic (n=453)	24.2	[19.3, 29.9]	24.5	[20.1, 29.5]	9.9	[7.1, 13.7]	33.5	[28.1, 39.4]	7.6	[5.2, 11.0]	0.3	[0.1, 1.2]	100.0
Black, non-Hispanic (n=153)	11.2	[6.9, 17.6]	34.2	[25.0, 44.8]	3.0	[1.4, 6.3]	48.6	[38.9, 58.5]	2.6	[1.0, 6.6]	0.4	[0.1, 3.0]	100.0
Hispanic (n=37)	10.1	[4.1, 22.9]	56.9	[38.3, 73.8]	1.4	[0.2, 9.5]	29.3	[15.7, 48.0]	1.1	[0.1, 7.4]	1.2	[0.2, 8.3]	100.0
Other, non-Hispanic (n=52)	17.3	[9.0, 30.6]	37.2	[22.4, 55.0]	9.0	[2.5, 27.5]	32.3	[19.8, 47.9]	2.0	[0.5, 7.8]	2.2	[0.5, 9.3]	100.0
Pearson: Uncorrected chi2(15) =	61.5617												
Design-based F(12.19, 8324.43) =	3.7551	Pr =	0.000										
FPL category													
0-35% (n=214)	17.9	[12.2, 25.5]	32.3	[24.6, 41.1]	6.1	[3.2, 11.2]	39.2	[31.2, 47.8]	3.8	[1.8, 7.5]	0.7	[0.2, 2.4]	100.0
36-99% (n=257)	17.9	[13.0, 24.0]	28.4	[22.4, 35.2]	10.5	[7.1, 15.3]	36.2	[29.6, 43.4]	6.5	[3.9, 10.7]	0.5	[0.1, 2.3]	100.0
100%+ (n=232)	22.4	[16.6, 29.7]	28.0	[21.8, 35.3]	5.8	[3.3, 10.2]	36.4	[29.2, 44.4]	7.1	[4.0, 12.2]	0.2	[0.0, 1.3]	100.0
Pearson: Uncorrected chi2(10) =	10.5349												
Design-based F(8.87, 6127.93) =	0.8588	Pr =	0.560										
Region													
UP/NW/NE (n=123)	20.6	[14.0, 29.2]	28.7	[20.6, 38.4]	8.9	[4.6, 16.6]	38.1	[28.9, 48.1]	3.0	[1.2, 7.2]	0.7	[0.1, 5.0]	100.0
W/E Central/E (n=201)	16.6	[11.4, 23.5]	24.9	[18.8, 32.2]	8.0	[4.8, 12.9]	43.4	[35.6, 51.6]	6.8	[3.7, 12.4]	0.2	[0.0, 1.6]	100.0
S Central/SW/SE (n=168)	22.7	[16.1, 31.0]	25.3	[18.3, 33.9]	10.6	[5.7, 18.9]	31.1	[22.6, 41.1]	9.5	[5.6, 15.7]	0.7	[0.2, 3.1]	100.0
Detroit Metro (n=211)	18.5	[12.6, 26.3]	36.5	[28.5, 45.3]	4.9	[2.8, 8.4]	36.7	[29.1, 45.1]	2.8	[1.3, 5.8]	0.6	[0.1, 2.4]	100.0
Pearson: Uncorrected chi2(15) =	27.6517												
Design-based F(12.51, 8647.28) =	1.7263	Pr =	0.052										
Chronic condition (2016/2017 survey or DW)													
Yes (n=535)	20.2	[16.4, 24.6]	30.3	[25.5, 35.6]	5.7	[4.1, 8.0]	38.1	[33.1, 43.3]	5.0	[3.3, 7.5]	0.7	[0.3, 1.6]	100.0
No (n=168)	16.3	[10.0, 25.5]	28.7	[20.9, 38.1]	11.9	[7.0, 19.5]	35.9	[27.0, 45.8]	6.9	[3.8, 12.4]	0.2	[0.0, 1.6]	100.0
Pearson: Uncorrected chi2(5) =	10.2472												
Design-based F(4.36, 3015.53) =	1.4473	Pr =	0.211										
Total (n=703)	19.1	[15.7, 23.1]	29.9	[25.7, 34.4]	7.5	[5.5, 10.0]	37.5	[33.0, 42.1]	5.5	[3.9, 7.7]	0.5	[0.2, 1.2]	100.0

Note: Total count is less than universe count due to item non-response.

7 Aim 7: To describe the experiences and perceptions of HMP enrollees who may have been eligible for HMP for some time before enrolling.

Not applicable to the Enrollee Follow-up Survey.

**2017 Healthy Michigan Voices Follow-Up Survey
Appendix B: Additional Analyses**

Contents

0	Demographics	B12
0.1	Demographic characteristics among subgroups (2017)	B13
0.1.1	Demographic characteristics, among respondents with a chronic condition	B13
0.1.2	Demographic characteristics, among respondents with a mental health condition and/or substance use disorder	B15
0.1.3	Demographic characteristics, among respondents with a mental health condition	B17
0.1.4	Demographic characteristics, among respondents with a substance use disorder	B19
0.1.5	Demographic characteristics, among respondents employed in 2017	B21
0.1.6	Demographic characteristics, among respondents not employed in 2017	B23
0.2	Employment (2017)	B25
0.2.1	Employment (2017) by improved health (from 2016-2017), among all respondents	B25
0.2.2	Employment (2017) by improved health (from 2016-2017), among respondents with a chronic condition	B25
0.2.3	Employment (2017) by improved health (from 2016-2017), among respondents with a mental health condition and/or substance use disorder	B25
0.2.4	Employment (2017) by improved health (from 2016-2017), among respondents with a mental health condition	B26
0.2.5	Employment (2017) by improved health (from 2016-2017), among respondents with a substance use disorder	B26
0.2.6	Employment (2017) by improved oral health (2016 or 2017), among respondents not employed in 2016	B26
0.2.7	Predictors of employment (2017), among respondents not employed in 2016	B27
0.3	Employed and/or student (change 2016-2017)	B28
0.3.1	Employed and/or student (2016, 2017, change 2016-2017) by follow-up group and demographic characteristics (2017), among all respondents	B28
0.3.2	Employed and/or student (2016, 2017, change 2016-2017), among all respondents and various subgroups	B29
0.3.3	Predictors of employment and/or student (change 2016-2017), among all respondents and respondents with a chronic condition	B30
0.3.4	Interaction between employment and/or student (change 2016-2017) and improved health (from 2016-2017), among all respondents	B31
0.3.5	Interaction between employment and/or student (change 2016-2017) and improved health (from 2016-2017), among respondents with a chronic condition	B32
0.3.6	Predictors of employment and/or student (change 2016-2017), among respondents with a mental health condition and/or substance use disorder, respondents with a mental health condition, and respondents with a substance use disorder	B33
0.3.7	Interaction between employment and/or student (change 2016-2017) and improved health (from 2016-2017), among respondents with a mental health condition and/or substance use disorder	B34
0.3.8	Interaction between employment and/or student (change 2016-2017) and improved health (from 2016-2017), among respondents with a mental health condition	B35
0.3.9	Interaction between employment and/or student (change 2016-2017) and improved health (from 2016-2017), among respondents with a substance use disorder	B36
0.3.10	Employment and/or student (2016, 2017, change 2016-2017), among all respondents and various subgroups who reported improved oral health in 2016 or 2017	B37
0.3.11	Interaction between employment and/or student (change 2016-2017) and improved oral health (2016 or 2017), among all respondents	B38
0.3.12	Interaction between employment and/or student (change 2016-2017) and improved oral health (2016 or 2017), among respondents with a chronic condition	B39
0.3.13	Interaction between employment and/or student (change 2016-2017) and improved oral health (2016 or 2017), among respondents with a mental health condition and/or substance use disorder	B40
0.3.14	Interaction between employment and/or student (change 2016-2017) and improved oral health (2016 or 2017), among respondents with a mental health condition	B41
0.3.15	Interaction between employment and/or student (change 2016-2017) and improved oral health (2016 or 2017), among respondents with a substance use disorder	B42
0.4	Employment (change 2016-2017)	B43
0.4.1	Employment (2016, 2017, change 2016-2017) by follow-up group and demographic characteristics (2017), among all respondents	B43
0.4.2	Employment (2016, 2017, change 2016-2017), among all respondents and various subgroups	B44

0.4.3	Predictors of employment (change 2016-2017), among all respondents and respondents with a chronic condition	B45
0.4.4	Interaction between employment (change 2016-2017) and improved health (from 2016-2017), among all respondents and respondents with a chronic condition	B46
0.4.5	Predictors of employment (change 2016-2017), among respondents with a mental health condition and/or substance use disorder, respondents with a mental health condition, and respondents with a substance use disorder	B47
0.4.6	Interaction between employment (change 2016-2017) and improved health (from 2016-2017), among respondents with a mental health condition and/or substance use disorder and respondents with a mental health condition	B48
0.4.7	Interaction between employment (change 2016-2017) and improved health (from 2016-2017), among respondents with a substance use disorder	B49
0.4.8	Employment (2016, 2017, change 2016-2017), among all respondents and various subgroups who reported improved oral health in 2016 or 2017	B50
0.4.9	Interaction between employment (change 2016-2017) and improved oral health (2016 or 2017), among all respondents	B51
0.4.10	Interaction between employment (change 2016-2017) and improved oral health (2016 or 2017), among respondents with a chronic condition	B52
0.4.11	Interaction between employment (change 2016-2017) and improved oral health (2016 or 2017), among respondents with a mental health condition and/or substance use disorder	B53
0.4.12	Interaction between employment (change 2016-2017) and improved oral health (2016 or 2017), among respondents with a mental health condition	B54
0.4.13	Interaction between employment (change 2016-2017) and improved oral health (2016 or 2017), among respondents with a substance use disorder	B55
0.4.14	Employment (2016, 2017, change 2016-2017) sensitivity analyses	B56
0.5	Employment status, detailed (2017)	B57
0.5.1	Employment status, detailed (2017) by employment status detailed (2016), among all respondents	B57
0.6	Positive employment-related outcome (2017)	B58
0.6.1	Positive employment-related outcome (2017) by improved health (from 2016-2017), among all respondents	B58
0.6.2	Positive employment-related outcome (2017) by improved health (from 2016-2017), among respondents with a chronic condition	B58
0.6.3	Predictors of positive employment-related outcome (2017), among all respondents and respondents with a chronic condition	B59
0.7	HMP helped me do a better job at work (2017)	B60
0.7.1	HMP helped me do a better job at work (2017) by improved health (from 2016-2017), among all respondents	B60
0.7.2	HMP helped me do a better job at work (2017) by improved health (from 2016-2017), among respondents with a chronic condition	B60
0.7.3	HMP helped me do a better job at work (2017) by improved oral health (2016 or 2017), among respondents employed in 2017	B60
0.7.4	HMP helped me do a better job at work (2017) by improved oral health (2016 or 2017), among respondents with a chronic condition	B61
0.7.5	Predictors of HMP helped me do a better job at work (2017), among respondents employed in 2017 and respondents with a chronic condition	B62
0.8	HMP helped me get a better job (2017)	B63
0.8.1	HMP helped me get a better job (2017) by improved health (from 2016-2017), among all respondents	B63
0.8.2	HMP helped me get a better job (2017) by improved health (from 2016-2017), among respondents with a chronic condition	B63
0.8.3	HMP helped me get a better job (2017) by improved oral health (2016 or 2017), among respondents employed in 2017	B64
0.8.4	HMP helped me get a better job (2017) by improved oral health (2016 or 2017), among respondents with a chronic condition	B64
0.8.5	Predictors of HMP helped me get a better job (2017), among respondents employed in 2017 and respondents with a chronic condition	B65
0.9	HMP made me better able to look for a job (2017)	B66
0.9.1	HMP made me better able to look for a job (2017) by improved health (from 2016-2017), among all respondents	B66
0.9.2	HMP made me better able to look for a job (2017) by improved health (from 2016-2017), among respondents with a chronic condition	B66

0.9.3	HMP made me better able to look for a job (2017) by improved oral health (2016 or 2017), among respondents not employed in 2017	B67
0.9.4	HMP made me better able to look for a job (2017) by improved oral health (2016 or 2017), among respondents with a chronic condition	B67
0.9.5	Predictors of HMP made me better able to look for a job (2017), among respondents not employed in 2017 and respondents with a chronic condition	B68
1	Aim 1: To describe changes over time in health and functional status for HMP respondents, particularly those with chronic conditions or other indicators of poorer health.	B69
1.1	Chronic conditions	B70
1.1.1	New chronic condition diagnosis in 2017 by follow-up group, among all respondents	B70
1.1.2	Presence of a chronic condition by follow-up group, among all respondents	B70
1.1.3	Presence of two or more chronic conditions by follow-up group, among all respondents	B70
1.2	Health status (2017)	B71
1.2.1	Health status (2017) by health status (2016), among all respondents	B71
1.3	Fair/poor health (change 2016-2017)	B72
1.3.1	Fair/poor health (2016, 2017, change 2016-2017) by follow-up group and demographic characteristics, among all respondents	B72
1.3.2	Fair/poor health (2016, 2017, change 2016-2017), among all respondents and various subgroups	B73
1.3.3	Interaction between fair/poor health (change 2016-2017) and presence of a chronic condition, among all respondents	B74
1.3.4	Predictors of fair/poor health (change 2016-2017), among respondents still enrolled and respondents still enrolled with two or more chronic conditions	B75
1.3.5	Predictors of fair/poor health (change 2016-2017), among respondents no longer enrolled and uninsured	B76
1.3.6	Fair/poor health (2016, 2017, change 2016-2017) by follow-up group, among various chronic condition subgroups	B77
1.4	Improved health (from 2016-2017)	B78
1.4.1	Improved health (from 2016-2017) by presence of a mental health condition and/or substance use disorder, among all respondents	B78
1.4.2	Improved health (from 2016-2017) by new chronic condition diagnosis (2016), among respondents with a chronic condition	B78
1.4.3	Improved health (from 2016-2017) by experience of homelessness (2017), housing insecurity (2017), and employment (2017), among respondents still enrolled	B79
1.4.4	Improved health (from 2016-2017) by experience of homelessness (2017), housing insecurity (2017), employment (2017), and insurance status (2017), among respondents no longer enrolled	B80
1.5	Days poor physical health (change 2016-2017)	B81
1.5.1	Days poor physical health (2016, 2017, change 2016-2017) by follow-up group, demographic characteristics (2017), presence of a chronic condition, presence of a mental health condition and/or substance use disorder, presence of a mental health condition, and presence of a substance use disorder, among all respondents	B81
1.5.2	Days poor physical health (2016, 2017, change 2016-2017), among all respondents and various subgroups	B82
1.5.3	Predictors of days poor physical health (change 2016-2017), among all respondents	B83
1.5.4	Interaction between days poor physical health (change 2016-2017) and presence of a chronic condition, among all respondents	B84
1.5.5	Predictors of days poor physical health (change 2016-2017), among respondents still enrolled and respondents with two or more chronic conditions	B85
1.5.6	Days poor physical health (2016, 2017, change 2016-2017) by follow-up group, among chronic condition subgroups	B86
1.5.7	Average decrease in days poor physical health (change 2016-2017) by experience of homelessness (2017), housing insecurity (2017), and employment (2017), among respondents still enrolled	B87
1.5.8	Average decrease in days poor physical health (change 2016-2017) by experience of homelessness (2017), housing insecurity (2017), employment (2017), and insurance status (2017), among respondents no longer enrolled	B87
1.5.9	Days poor physical health (2016, 2017, change 2016-2017) by new chronic condition diagnosis (2016), among respondents with a chronic condition	B88
1.6	Days poor mental health (change 2016-2017)	B89
1.6.1	Days poor mental health (2016, 2017, change 2016-2017) by follow-up group, demographic characteristics, presence of a chronic condition, presence of a mental health condition and/or substance use disorder, presence of a mental health condition, and presence of a substance use disorder, among all respondents	B89

1.6.2	Days poor mental health (2016, 2017, change 2016-2017), among all respondents and various subgroups	B90
1.6.3	Predictors of days poor mental health (change 2016-2017), among all respondents	B91
1.6.4	Interaction between days poor mental health (change 2016-2017) and presence of a chronic condition, among all respondents	B92
1.6.5	Predictors of days poor mental health (change 2016-2017), among respondents still enrolled and respondents with two or more chronic conditions	B93
1.6.6	Days poor mental health (2016, 2017, change 2016-2017) by follow-up group, among chronic condition subgroups	B94
1.6.7	Average decrease in days poor mental health (change 2016-2017) by experience of homelessness (2017), housing insecurity (2017), and employment (2017), among respondents still enrolled	B95
1.6.8	Average decrease in days poor mental health (change 2016-2017) by experience of homelessness (2017), housing insecurity (2017), employment (2017), and insurance status (2017), among respondents no longer enrolled	B95
1.6.9	Days poor mental health (2016, 2017, change 2016-2017) by new chronic condition diagnosis (2016), among respondents with a chronic condition	B96
1.7	Days missed due to poor physical/mental health (change 2016-2017)	B97
1.7.1	Days missed due to poor physical/mental health (2016, 2017, change 2016-2017) by follow-up group, demographic characteristics (2017), presence of a chronic condition, presence of a mental health condition and/or substance use disorder, presence of a mental health condition, presence of a substance use disorder, among all respondents	B97
1.7.2	Days missed due to poor physical/mental health (2016, 2017, change 2016-2017), among all respondents and various subgroups	B98
1.7.3	Predictors of days missed due to poor physical/mental health (change 2016-2017), among all respondents	B99
1.7.4	Interaction between days missed due to poor physical/mental health (change 2016-2017) and presence of a chronic condition, among all respondents	B100
1.7.5	Predictors of days missed due to poor physical/mental health (change 2016-2017), among respondents still enrolled and respondents with two or more chronic conditions	B101
1.7.6	Days missed due to poor physical/mental health (2016, 2017, change 2016-2017) by follow-up group, among chronic condition subgroups	B102
1.7.7	Average decrease in days missed due to poor physical/mental health (change 2016-2017) by experience of homelessness (2017), housing insecurity (2017), and employment (2017), among respondents still enrolled	B103
1.7.8	Average decrease in days missed due to poor physical/mental health (change 2016-2017) by experience of homelessness (2017), housing insecurity (2017), employment (2017), and insurance status (2017), among respondents no longer enrolled	B103
1.7.9	Days missed due to poor physical/mental health (2016, 2017, change 2016-2017) by new chronic condition diagnosis (2016), among respondents with a chronic condition	B104
1.8	Improved oral health	B105
1.8.1	Improved oral health (2016 or 2017) by follow-up group, among all respondents	B105
1.8.2	Predictors of improved oral health (change 2016-2017), among all respondents	B106
1.8.3	Improved oral health (2016, 2017, change 2016-2017), among respondents still enrolled	B107
1.8.4	Improved oral health (2017) by improved oral health (2016), among respondents still enrolled	B107
1.8.5	Predictors of improved oral health (change 2016-2017), among respondents still enrolled	B108
1.8.6	Worsened oral health (2017) by follow-up group, among all respondents	B109
1.8.7	Predictors of worsened oral health (2017), among all respondents	B110
2	Aim 2: To describe perceptions and understanding of Medicaid coverage, HMP policies, and cost-sharing and how these change over time with enrollment.	B111
2.1	Knowledge of HMP covered benefits (change 2016-2017)	B112
2.1.1	Knowledge of HMP covered benefits (2016, 2017, change 2016-2017), among respondents still enrolled	B112
2.1.2	Predictors of knowledge that dental care is covered (change 2016-2017), among respondents still enrolled	B113
2.2	Knowledge of HMP covered benefits and costs (change 2016-2017)	B114
2.2.1	Knowledge of HMP covered benefits and costs (2016, 2017, change 2016-2017), among respondents still enrolled	B114
2.3	Knowledge of HMP cost-sharing requirements and healthy behavior rewards (change 2016-2017)	B115
2.3.1	Knowledge of HMP cost-sharing requirements and healthy behavior rewards (2016, 2017, change 2016-2017), among respondents still enrolled	B115
2.4	Experiences with MI Health Account (change 2016-2017)	B116
2.4.1	Experiences with MI Health Account (2016, 2017, change 2016-2017), among respondents still enrolled	B116

2.5	Perspectives on cost-sharing (2017)	B117
2.5.1	Getting discounts for improving health is a good idea (2017), among respondents still enrolled	B117
2.5.2	The amount I pay for HMP is affordable (2017), among still enrolled chronic condition subgroups	B117
2.6	Perspectives on cost-sharing (change 2016-2017)	B118
2.6.1	Perspectives on cost-sharing (2016, 2017, change 2016-2017), among respondents still enrolled	B118
2.7	Perspectives on HMP coverage (2017)	B119
2.7.1	Having HMP has taken a lot of stress off me (2017), among still enrolled chronic condition subgroups	B119
2.7.2	Without HMP I wouldn't be able to go to the doctor (2017), among still enrolled chronic condition subgroups	B120
2.7.3	Without HMP I wouldn't be able to go to the dentist (2017), among still enrolled chronic condition subgroups	B121
2.8	Perspectives on HMP coverage (change 2016-2017)	B122
2.8.1	Perspectives on HMP coverage (2016, 2017, change 2016-2017), among respondents still enrolled	B122
2.8.2	Importance of having health insurance (2016, 2017, change 2016-2017), among all respondents, respondents still enrolled, and respondents no longer enrolled	B122
2.8.3	Importance of having health insurance (2016, 2017, change 2016-2017), among respondents still enrolled	B123
2.9	Questions or problems using HMP (change 2016-2017)	B124
2.9.1	Questions or problems using HMP (2016, 2017, change 2016-2017), among respondents still enrolled	B124
3	Aim 3: To understand financial and non-financial barriers and facilitators to care and how those change over time of enrollment and disenrollment.	B125
3.1	Forgone health care (2017)	B126
3.1.1	Forgone health care in the last 12 months (2017) by presence of a chronic condition, among respondents still enrolled	B126
3.1.2	Forgone health care in the last 12 months (2017) by presence of a mental health condition and/or substance use disorder, among respondents still enrolled	B127
3.1.3	Forgone health care in the last 12 months (2017) by presence of a mental health condition, among respondents still enrolled	B128
3.1.4	Forgone health care in the last 12 months (2017) by presence of a substance use disorder, among respondents still enrolled	B129
3.1.5	Predictors of forgone health care in the last 12 months (2017), among respondents still enrolled	B130
3.1.6	Forgone health care since HMP coverage ended (2017) by insurance status, detailed (2017), among respondents no longer enrolled	B131
3.1.7	Predictors of forgone health care since HMP coverage ended (2017), among respondents no longer enrolled	B132
3.1.8	Forgone health care (2017) by follow-up group, among all respondents	B133
3.1.9	Forgone health care (2017) by follow-up group, among chronic condition subgroups	B134
3.2	Forgone health care due to financial reasons (2017)	B135
3.2.1	Forgone health care due to financial reasons (2017) by follow-up group, among respondents still enrolled and those no longer enrolled	B135
3.2.2	Predictors of forgone health care due to financial reasons (2017), among respondents still enrolled and those no longer enrolled	B136
3.2.3	Forgone health care due to financial reasons (2017) by follow-up group, among respondents still enrolled and those no longer enrolled with private insurance	B137
3.2.4	Predictors of forgone health care due to financial reasons (2017), among respondents still enrolled and those no longer enrolled with private insurance	B138
3.3	Forgone dental care (2017)	B139
3.3.1	Forgone dental care in the last 12 months (2017) by presence of a chronic condition, presence of a mental health condition and/or substance use disorder, presence of a mental health condition, and presence of a substance use disorder, among respondents still enrolled	B139
3.3.2	Forgone dental care in the last 12 months (2017) by employment (2017), among respondents still enrolled	B140
3.3.3	Forgone dental care in the last 12 months (2017) by knowledge that dental care is covered (2017), among respondents still enrolled	B140
3.3.4	Predictors of forgone dental care in the last 12 months (2017), among respondents still enrolled	B141
3.3.5	Predictors of forgone dental care in the last 12 months (2017), among respondents still enrolled	B142
3.3.6	Forgone dental care (2017) by follow-up group, among all respondents	B143
3.3.7	Predictors of forgone dental care (2017), among all respondents	B144
3.3.8	Forgone dental care (2017) by follow-up group, among chronic condition subgroups	B145
3.4	Out-of-pocket costs (2017)	B146
3.4.1	Out-of-pocket costs in the last 12 months (2017), among still enrolled chronic condition subgroups	B146

4	Aim 4: To describe HMP respondents' health behaviors, how they change over time with enrollment and disenrollment in HMP, and barriers and facilitators to improvement in health behaviors.	B147
4.1	Average weight (change 2016-2017)	B148
4.1.1	Average weight (2016, 2017, change 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled, respondents with a chronic condition, respondents with a mental health condition and/or substance use disorder, respondents with a mental health condition, respondents with a substance use disorder	B148
4.1.2	Predictors of average weight (change 2016-2017), among respondents still enrolled and respondents with a chronic condition	B149
4.1.3	Predictors of average weight (change 2016-2017), among respondents with a mental health condition and/or substance use disorder, respondents with a mental health condition, respondents with a substance use disorder	B150
4.1.4	Average weight (2016, 2017, change 2016-2017) by any HRA completion with physician attestation, among still enrolled chronic condition subgroups	B151
4.2	Exercise (change 2016-2017)	B152
4.2.1	Increased or maintained exercise frequency (from 2016-2017) by health professional discussed exercise (2016 or 2017) and any outpatient visit, among respondents still enrolled	B152
4.2.2	Increased or maintained exercise frequency (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled	B152
4.2.3	Increased or maintained exercise frequency (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a chronic condition	B153
4.2.4	Increased or maintained exercise frequency (from 2016-2017) by any HRA completion with physician attestation, among still enrolled chronic condition subgroups	B154
4.2.5	Increased or maintained exercise frequency (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a mental health condition and/or substance use disorder	B155
4.2.6	Increased or maintained exercise frequency (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a mental health condition	B155
4.2.7	Increased or maintained exercise frequency (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a substance use disorder	B155
4.3	Sugary drink consumption (change 2016-2017)	B156
4.3.1	Sugary drink consumption (change 2016-2017) by health professional discussed diet/nutrition (2016 or 2017) and any outpatient visit, among respondents still enrolled	B156
4.3.2	Decreased or maintained sugary drink consumption (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled	B156
4.3.3	Decreased or maintained sugary drink consumption (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a chronic condition	B157
4.3.4	Decreased or maintained sugary drink consumption (from 2016-2017) by any HRA completion with physician attestation, among still enrolled chronic condition subgroups	B157
4.3.5	Decreased or maintained sugary drink consumption (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a mental health condition and/or substance use disorder	B158
4.3.6	Decreased or maintained sugary drink consumption (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a mental health condition	B158
4.3.7	Decreased or maintained sugary drink consumption (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a substance use disorder	B158
4.4	Fruit and vegetable consumption (change 2016-2017)	B159
4.4.1	Increased or maintained fruit and vegetable consumption (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled	B159
4.4.2	Increased or maintained fruit and vegetable consumption (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a chronic condition	B159
4.4.3	Increased or maintained fruit and vegetable consumption (from 2016-2017) by any HRA completion with physician attestation, among still enrolled chronic condition subgroups	B160
4.4.4	Increased or maintained fruit and vegetable consumption (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a mental health condition and/or substance use disorder	B161
4.4.5	Increased or maintained fruit and vegetable consumption (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a mental health condition	B161
4.4.6	Increased or maintained fruit and vegetable consumption (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a substance use disorder	B161

4.5	Binge drinking (change 2016-2017)	B162
4.5.1	Decrease in binge drinking frequency (from 2016-2017) by health professional discussed safe alcohol use (2016 or 2017) and any outpatient visit, among respondents still enrolled who reported one or more days of binge drinking in the past seven days in 2016	B162
4.5.2	Decrease in binge drinking frequency (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled who reported one or more days of binge drinking in the past seven days in 2016	B162
4.5.3	Decrease in binge drinking frequency (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a chronic condition who reported one or more days of binge drinking in the past seven days in 2016	B162
4.5.4	Decrease in binge drinking frequency (from 2016-2017) by any HRA completion with physician attestation, among still enrolled chronic condition subgroups who reported one or more days of binge drinking in the past seven days in 2016	B163
4.5.5	Decrease in binge drinking frequency (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a mental health condition and/or substance use disorder who reported one or more days of binge drinking in the past seven days in 2016	B164
4.5.6	Decrease in binge drinking frequency (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a mental health condition who reported one or more days of binge drinking in the past seven days in 2016	B164
4.5.7	Decrease in binge drinking frequency (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a substance use disorder who reported one or more days of binge drinking in the past seven days in 2016	B164
4.6	Tobacco use (change 2016-2017)	B165
4.6.1	Quit smoking or using tobacco (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled who reported using tobacco in 2016	B165
4.6.2	Quit smoking or using tobacco (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a chronic health condition who reported using tobacco in 2016	B165
4.6.3	Quit smoking or using tobacco (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a mental health condition and/or substance use disorder who reported using tobacco in 2016	B165
4.6.4	Quit smoking or using tobacco (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a mental health condition who reported using tobacco in 2016	B166
4.6.5	Quit smoking or using tobacco (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a substance use disorder who reported using tobacco in 2016	B166
4.6.6	Attempting to quit smoking or using tobacco (2016, 2017, change 2016-2017), among respondents still enrolled and various subgroups of respondents still enrolled who reported using tobacco in 2016	B167
4.6.7	Attempting to quit smoking or using tobacco (2016, 2017, change 2016-2017), among still enrolled chronic condition subgroups who reported using tobacco in 2016	B168
4.7	Drug use in last 30 days (2017)	B169
4.7.1	Drug use in last 30 days (2017) by any HRA completion with physician attestation, among respondents still enrolled	B169
4.7.2	Drug use in last 30 days (2017) by any HRA completion with physician attestation, among respondents still enrolled with a chronic condition	B169
4.7.3	Drug use in last 30 days (2017) by any HRA completion with physician attestation, among still enrolled chronic condition subgroups	B170
4.7.4	Drug use in last 30 days (2017) by any HRA completion with physician attestation, among respondents still enrolled with a mental health condition and/or substance use disorder	B171
4.7.5	Drug use in last 30 days (2017) by any HRA completion with physician attestation, among respondents still enrolled with a mental health condition	B171
4.7.6	Drug use in last 30 days (2017) by any HRA completion with physician attestation, among respondents still enrolled with a substance use disorder	B171
4.8	Drug use in last 30 days (change 2016-2017)	B172
4.8.1	Drug use in last 30 days (2016, 2017, change 2016-2017), among respondents still enrolled	B172
4.9	Any HRA completion with physician attestation	B173
4.9.1	Any HRA completion with physician attestation by follow-up group, among all respondents	B173
4.9.2	Any HRA completion with physician attestation by any PCP visit, among respondents still enrolled	B173

5 Aim 5: To understand HMP respondents' decisions about when, where and how to seek care, including decisions about emergency department utilization. **B174**

5.1	Preventive services	B175
-----	---------------------	------

5.1.1	Preventive services, among respondents still enrolled	B175
5.1.2	Statin prescription, among respondents still enrolled with diabetes and/or heart disease	B176
5.1.3	NRT/varenicline prescription, among respondents still enrolled who reported using tobacco in 2016 or 2017	B176
5.1.4	Preventive services by any HRA completion with physician attestation, among respondents still enrolled	B177
5.1.5	Preventive services by discussed HRA with provider in the last year (2017), among respondents still enrolled	B179
5.1.6	Preventive services by knowledge of HMP covered benefits and costs (2016, 2017, change 2016-2017), among respondents still enrolled	B181
5.1.7	Preventive services by may get reduction by completing HRA (2017), among respondents still enrolled	B182
5.1.8	Preventive services by some kinds of visits, tests, and medicines have no copays (2017), among respondents still enrolled	B184
5.1.9	Preventive services by MIHA Statements led me to change health care decisions (2017), among respondents still enrolled	B186
5.1.10	Predictors of number of preventive services (1), among respondents still enrolled	B187
5.1.11	Predictors of number of preventive services (2), among respondents still enrolled	B188
5.1.12	Predictors of number of preventive services (3), among respondents still enrolled	B189
5.2	PCP visits and regular source of care	B190
5.2.1	Any PCP visit by follow-up group, among all respondents	B190
5.2.2	Number of PCP visits by regular source of care is ER or urgent care in last 12 months (2017), among respondents still enrolled	B190
5.2.3	Number of PCP visits by tried to contact PCP before going to ER (2017), among respondents still enrolled	B190
5.2.4	Predictors of number of PCP visits, among respondents still enrolled	B191
5.2.5	Regular source of care is ER or urgent care in last 12 months (2017) by PCP visit in past 12 months (2017), among respondents still enrolled	B192
5.2.6	Regular source of care is not the ER in last 12 months (2016, 2017, change 2016-2017), among respondents still enrolled, respondents still enrolled with a chronic condition, respondents still enrolled with a mental health condition and/or substance use disorder, respondents still enrolled with a mental health condition, and respondents still enrolled with a substance use disorder	B192
5.2.7	Regular source of care is not the ER (2017) by follow-up group, among chronic condition subgroups	B193
5.3	Dental visit	B194
5.3.1	Any dental visit by follow-up group, among all respondents	B194
5.3.2	Any dental visit by knowledge that dental care is covered (2017), among respondents still enrolled	B194
5.3.3	Predictors of any dental visit, among respondents still enrolled	B195
5.4	Tried to contact PCP before going to ER (2017)	B196
5.4.1	Tried to contact PCP before going to ER (2017) by PCP visit in past 12 months (2017), among respondents still enrolled	B196
5.4.2	Predictors of tried to contact PCP before going to the ER (2017), among respondents still enrolled	B197
5.5	ER visit (2016 or 2017)	B198
5.5.1	ER visit (2016 or 2017) by follow-up group, among all respondents	B198
5.5.2	ER visit (2016 or 2017) by follow-up group, among respondents with a chronic condition	B198
5.5.3	ER visit (2016 or 2017) by follow-up group, among respondents with a mental health condition and/or substance use disorder	B199
5.5.4	ER visit (2016 or 2017) by follow-up group, among respondents with a chronic condition and a mental health condition and/or substance use disorder	B199
5.5.5	Predictors of ER visit (2016 or 2017), among all respondents, respondents with a chronic condition, respondents with a mental health condition and/or substance use disorder, and respondents with a chronic condition and a mental health condition and/or substance use disorder	B200
5.6	ER visits	B201
5.6.1	All ER visits (Period 3) by demographics, employment (2017), fair/poor health (2017), and health literacy (2016), among respondents still enrolled	B201
5.6.2	All ER visits (Period 3) by change in mental health status (2017), PCP appointment ease (2017), and forgone health care in last 12 months (2017), among respondents still enrolled	B202
5.6.3	Number of ER visits by period, among respondents still enrolled	B203
5.6.4	Number of ER visits by period, among respondents no longer enrolled	B203
5.6.5	Predictors of the number of ER visits , among respondents still enrolled	B204
5.6.6	Predictors of the number of ER visits, among respondents no longer enrolled	B205
5.6.7	Number of ER visits by period, among respondents with a chronic condition	B206
5.6.8	Number of ER visits by period, among respondents with a mental health condition and/or substance use disorder	B206

5.6.9	Number of ER visits by period, among respondents with a chronic condition and a mental health condition and/or substance use disorder	B206
5.6.10	Low complexity ER visits (Period 3) by demographics, employment (2017), fair/poor health (2017), and health literacy (2016), among respondents still enrolled	B207
5.6.11	Low complexity ER visits (Period 3) by change in mental health status (2017), PCP appointment ease (2017), and forgone health care in last 12 months (2017), among respondents still enrolled	B208
5.6.12	Predictors of the number of low complexity ER visits, among respondents still enrolled	B209
6	Aim 6: To understand why respondents lose or drop HMP coverage and what, if any, source of health insurance coverage they subsequently obtain.	B210
6.1	Follow-up group (2017)	B211
6.1.1	Follow-up group by health literacy (2016), experience of homelessness (2017), and change in employment (from 2016-2017), among all respondents	B211
6.1.2	Follow-up group by housing insecurity (2017), among all respondents	B211
6.1.3	Follow-up group by having health insurance is important to me (2016), amount I pay for HMP is affordable (2016), and amount I have to pay for HMP seems fair (2016), among all respondents	B211
6.1.4	Predictors of follow-up group, among all respondents	B212
6.2	Reason for disenrollment (2017)	B213
6.2.1	Reason for disenrollment (2017), among respondents no longer enrolled	B213
6.2.2	Reason for disenrollment by types of insurance (2017), among respondents no longer enrolled	B214
6.2.3	Predictors of reason for disenrollment: income increase or other insurance coverage compared to dissatisfied with HMP cost or services, among respondents no longer enrolled	B215
6.2.4	Predictors of reason for disenrollment: income increase or other insurance coverage compared to administrative problems, among respondents no longer enrolled	B216
6.2.5	Predictors of reason for disenrollment: income increase or other insurance coverage compared to ineligible to continue HMP, among respondents no longer enrolled	B217
6.2.6	Predictors of reason for disenrollment: income increase or other insurance coverage compared to did not take action to re-enroll, among respondents no longer enrolled	B218
6.2.7	Predictors of reason for disenrollment: income increase or other insurance coverage compared to reason not given, among respondents no longer enrolled	B219
6.3	Insurance status (2017)	B220
6.3.1	Insurance status (2017) by change in employment (from 2016-2017), among respondents no longer enrolled	B220
6.3.2	Insurance status (2017) by job change in last 12 months (2017), among respondents no longer enrolled	B220
6.3.3	Predictors of insurance status (2017), among respondents no longer enrolled	B221
6.4	Insurance status prior to HMP, detailed (2016)	B222
6.4.1	Insurance status prior to HMP, detailed (2016), among all respondents	B222
6.5	Insurance status, detailed (2017)	B223
6.5.1	Insurance status, detailed (2017), among respondents no longer enrolled	B223
6.5.2	Predictors of insurance status, detailed (2017), among respondents no longer enrolled	B224
6.5.3	Predictors of insurance status, detailed (2017), among respondents no longer enrolled (continued)	B225
6.5.4	Insurance status, detailed (2017) by insurance status prior to HMP, detailed (2016), among all respondents	B226
6.5.5	Insurance status, detailed (2017) by regular source of care since HMP coverage ended (2017), among respondents no longer enrolled	B227
6.5.6	Insurance status, detailed (2017) by type of regular source of care since HMP coverage ended (2017), among respondents no longer enrolled	B227
6.6	Private insurance (2017)	B228
6.6.1	Private insurance (2017) by change in employment (from 2016-2017), among respondents no longer enrolled	B228
6.6.2	Private insurance (2017) by job change in last 12 months (2017), among respondents no longer enrolled	B228
6.6.3	Predictors of private insurance (2017), among respondents no longer enrolled	B229
6.7	Perspectives on cost of insurance since HMP coverage ended (2017)	B230
6.7.1	Current monthly insurance cost compared to HMP (2017) by type of insurance (2017), among respondents no longer enrolled	B230
6.7.2	Amount I pay now for my health insurance seems fair (2017) by type of insurance (2017), among respondents no longer enrolled	B231
6.7.3	Amount I pay now for my health insurance is affordable (2017) by type of insurance (2017), among respondents no longer enrolled	B231
6.8	Thoughts about current insurance affordability (2017)	B232

6.8.1	Thoughts about current insurance affordability (2017), among respondents still enrolled and those no longer enrolled with private insurance	B232
6.8.2	Predictors of thoughts about current insurance affordability (2017), among respondents still enrolled and those no longer enrolled with private insurance	B233
6.9	Problems paying medical bills since HMP coverage ended (2017)	B234
6.9.1	Problems paying medical bills since HMP coverage ended (2017) by type of insurance (2017), among respondents no longer enrolled	B234

0 Demographics

0.1 Demographic characteristics among subgroups (2017)

0.1.1 Demographic characteristics, among respondents with a chronic condition

	Percent	95%CI
Follow-up group		
Still enrolled (n=1,931)	78.3	[76.2, 80.3]
No longer enrolled (n=538)	21.7	[19.7, 23.8]
FPL categories (DW)		
0-35% (n=1,019)	54.0	[52.4, 55.6]
36-99% (n=844)	26.8	[25.5, 28.2]
100%+ (n=606)	19.2	[18.1, 20.3]
Region (DW)		
UP/NW/NE (n=476)	9.6	[9.0, 10.2]
W/E Central/E (n=786)	29.8	[28.5, 31.2]
S Central/SW/SE (n=497)	17.5	[16.5, 18.6]
Detroit Metro (n=710)	43.1	[41.4, 44.7]
Age (DW)		
19-34 (n=548)	29.5	[27.1, 32.1]
35-50 (n=799)	36.5	[34.1, 39.1]
51-64 (n=1,122)	33.9	[31.7, 36.2]
Gender (DW)		
Male (n=966)	46.0	[43.5, 48.6]
Female (n=1,503)	54.0	[51.4, 56.5]
Race/ethnicity (2016)		
White, non-Hispanic (n=1,660)	59.8	[57.3, 62.2]
Black, non-Hispanic (n=515)	28.4	[26.1, 30.9]
Hispanic (n=100)	4.5	[3.5, 5.7]
Other, non-Hispanic (n=164)	7.3	[6.1, 8.8]
Race (2016)		
White (n=1,698)	61.5	[59.0, 63.9]
Black or African American (n=518)	28.6	[26.3, 31.0]
Other (n=143)	6.4	[5.2, 7.8]
More than one (n=79)	3.6	[2.7, 4.7]
Hispanic/Latino (2016)		
Yes (n=100)	4.5	[3.5, 5.7]
No (n=2,341)	95.1	[93.9, 96.2]
Don't know (n=5)	0.4	[0.1, 1.0]
Arab, Chaldean, Middle Eastern (2016)		
Yes (n=76)	3.7	[2.8, 4.7]
No (n=2,362)	95.9	[94.8, 96.8]
Don't know (n=7)	0.4	[0.2, 0.9]
Urbanicity (DW)		
Urban (n=1,708)	80.1	[78.6, 81.4]
Suburban (n=254)	9.1	[8.0, 10.3]
Rural (n=507)	10.8	[10.1, 11.7]
Highest level of education (2017)		
Less than high school (n=312)	12.6	[11.1, 14.3]
High school graduate (n=1,038)	41.8	[39.3, 44.3]
Some college (n=517)	21.9	[19.8, 24.2]
Associate's degree (n=318)	12.7	[11.1, 14.5]
Bachelor's degree (n=218)	8.8	[7.5, 10.4]
Post graduate degree (n=60)	2.1	[1.5, 2.9]
Employment status- detailed (2017)		
Full-time employment (n=602)	25.3	[23.1, 27.7]
Part-time employment (n=667)	28.0	[25.7, 30.4]
Out of work (n=296)	14.1	[12.4, 16.1]
Unable to work (n=546)	21.3	[19.4, 23.3]
Retired (n=175)	4.5	[3.7, 5.4]
Not looking for work at this time (n=158)	6.8	[5.6, 8.2]

Continued on next page

Continued from previous page

In school (2017)		
Yes (n=143)	7.7	[6.3, 9.4]
No (n=2,325)	92.3	[90.6, 93.7]
Veteran (2016)		
Yes (n=88)	4.2	[3.2, 5.4]
No (n=2,378)	95.8	[94.6, 96.8]
Marital status (2017)		
Married (n=605)	20.1	[18.4, 21.9]
Partnered (n=91)	3.3	[2.6, 4.2]
Divorced (n=600)	21.7	[19.7, 23.7]
Widowed (n=106)	3.1	[2.5, 4.0]
Separated (n=98)	4.2	[3.3, 5.3]
Never married (n=958)	47.6	[45.1, 50.2]
Number of places lived in past 3 years (2017)		
One (n=1,755)	68.6	[66.2, 70.9]
Two (n=471)	19.6	[17.7, 21.7]
Three (n=139)	6.7	[5.5, 8.2]
Four or more (n=100)	5.0	[3.9, 6.4]
Don't know (n=2)	0.1	[0.0, 0.3]
Homeless in the last 12 months (2017)		
Yes (n=167)	8.3	[6.9, 9.9]
No (n=2,295)	91.5	[89.9, 92.9]
Don't know (n=4)	0.3	[0.1, 0.8]
Fair/poor health (2017)		
Fair/poor health (n=821)	32.6	[30.3, 34.9]
Excellent/very good/good health (n=1,648)	67.4	[65.1, 69.7]

0.1.2 Demographic characteristics, among respondents with a mental health condition and/or substance use disorder

	Percent	95%CI
Follow-up group		
Still enrolled (n=1,365)	78.4	[75.9, 80.6]
No longer enrolled (n=384)	21.6	[19.4, 24.1]
FPL categories (DW)		
0-35% (n=768)	56.9	[54.7, 59.0]
36-99% (n=567)	25.1	[23.3, 26.9]
100%+ (n=414)	18.1	[16.6, 19.6]
Region (DW)		
UP/NW/NE (n=345)	10.0	[9.2, 11.0]
W/E Central/E (n=587)	32.5	[30.5, 34.4]
S Central/SW/SE (n=380)	19.6	[18.1, 21.2]
Detroit Metro (n=437)	37.9	[35.5, 40.3]
Age (DW)		
19-34 (n=495)	36.4	[33.4, 39.5]
35-50 (n=601)	36.7	[33.9, 39.6]
51-64 (n=653)	26.9	[24.6, 29.4]
Gender (DW)		
Male (n=667)	44.1	[41.1, 47.1]
Female (n=1,082)	55.9	[52.9, 58.9]
Race/ethnicity (2016)		
White, non-Hispanic (n=1,240)	65.8	[62.9, 68.6]
Black, non-Hispanic (n=291)	21.7	[19.3, 24.4]
Hispanic (n=77)	4.9	[3.7, 6.4]
Other, non-Hispanic (n=119)	7.5	[6.1, 9.4]
Race (2016)		
White (n=1,273)	67.8	[64.9, 70.6]
Black or African American (n=293)	21.9	[19.5, 24.5]
Other (n=93)	6.0	[4.6, 7.7]
More than one (n=67)	4.3	[3.2, 5.8]
Hispanic/Latino (2016)		
Yes (n=77)	4.9	[3.7, 6.3]
No (n=1,652)	94.6	[93.0, 95.8]
Don't know (n=5)	0.6	[0.2, 1.4]
Arab, Chaldean, Middle Eastern (2016)		
Yes (n=39)	2.8	[1.9, 4.2]
No (n=1,689)	96.8	[95.3, 97.8]
Don't know (n=5)	0.4	[0.2, 1.1]
Urbanicity (DW)		
Urban (n=1,183)	78.2	[76.3, 80.0]
Suburban (n=197)	10.4	[9.0, 12.0]
Rural (n=369)	11.4	[10.3, 12.5]
Highest level of education (2017)		
Less than high school (n=226)	12.2	[10.5, 14.0]
High school graduate (n=711)	41.0	[38.1, 44.0]
Some college (n=392)	23.5	[21.0, 26.2]
Associate's degree (n=241)	13.7	[11.8, 15.9]
Bachelor's degree (n=143)	8.0	[6.5, 9.8]
Post graduate degree (n=34)	1.6	[1.1, 2.3]
Employment status- detailed (2017)		
Full-time employment (n=405)	22.5	[20.2, 25.0]
Part-time employment (n=461)	28.0	[25.3, 30.9]
Out of work (n=220)	13.7	[11.8, 15.9]
Unable to work (n=453)	26.2	[23.7, 28.9]
Retired (n=86)	2.8	[2.1, 3.5]
Not looking for work at this time (n=105)	6.7	[5.3, 8.6]

Continued on next page

Continued from previous page

In school (2017)		
Yes (n=123)	9.5	[7.6, 11.8]
No (n=1,626)	90.5	[88.2, 92.4]
Veteran (2016)		
Yes (n=58)	3.4	[2.5, 4.7]
No (n=1,689)	96.6	[95.3, 97.5]
Marital status (2017)		
Married (n=386)	16.8	[15.1, 18.7]
Partnered (n=72)	3.7	[2.9, 4.8]
Divorced (n=422)	21.0	[18.8, 23.5]
Widowed (n=62)	2.4	[1.8, 3.2]
Separated (n=63)	3.6	[2.7, 4.7]
Never married (n=738)	52.5	[49.6, 55.4]
Number of places lived in past 3 years (2017)		
One (n=1,174)	64.7	[61.8, 67.5]
Two (n=376)	22.1	[19.7, 24.6]
Three (n=109)	7.1	[5.7, 8.8]
Four or more (n=87)	6.0	[4.6, 7.8]
Don't know (n=2)	0.1	[0.0, 0.4]
Homeless in the last 12 months (2017)		
Yes (n=145)	10.0	[8.2, 12.1]
No (n=1,597)	89.6	[87.4, 91.4]
Don't know (n=4)	0.4	[0.1, 1.1]
Fair/poor health (2017)		
Fair/poor health (n=623)	35.6	[32.8, 38.5]
Excellent/very good/good health (n=1,126)	64.4	[61.5, 67.2]

0.1.3 Demographic characteristics, among respondents with a mental health condition

	Percent	95%CI
Follow-up group		
Still enrolled (n=1,232)	78.2	[75.6, 80.6]
No longer enrolled (n=350)	21.8	[19.4, 24.4]
FPL categories (DW)		
0-35% (n=689)	56.2	[53.8, 58.6]
36-99% (n=517)	25.6	[23.7, 27.6]
100%+ (n=376)	18.2	[16.6, 19.9]
Region (DW)		
UP/NW/NE (n=319)	10.4	[9.4, 11.4]
W/E Central/E (n=544)	33.6	[31.4, 35.8]
S Central/SW/SE (n=348)	20.3	[18.6, 22.1]
Detroit Metro (n=371)	35.7	[33.1, 38.4]
Age (DW)		
19-34 (n=463)	37.8	[34.7, 41.1]
35-50 (n=542)	36.0	[33.1, 39.1]
51-64 (n=577)	26.1	[23.8, 28.6]
Gender (DW)		
Male (n=559)	41.1	[38.0, 44.3]
Female (n=1,023)	58.9	[55.7, 62.0]
Race/ethnicity (2016)		
White, non-Hispanic (n=1,154)	68.6	[65.6, 71.5]
Black, non-Hispanic (n=231)	18.7	[16.3, 21.3]
Hispanic (n=70)	4.9	[3.7, 6.5]
Other, non-Hispanic (n=108)	7.8	[6.2, 9.8]
Race (2016)		
White (n=1,182)	70.5	[67.5, 73.3]
Black or African American (n=233)	18.8	[16.5, 21.4]
Other (n=88)	6.4	[4.9, 8.3]
More than one (n=59)	4.3	[3.1, 5.8]
Hispanic/Latino (2016)		
Yes (n=70)	4.9	[3.7, 6.5]
No (n=1,495)	94.5	[92.8, 95.8]
Don't know (n=5)	0.6	[0.2, 1.6]
Arab, Chaldean, Middle Eastern (2016)		
Yes (n=39)	3.1	[2.1, 4.7]
No (n=1,525)	96.4	[94.8, 97.5]
Don't know (n=5)	0.5	[0.2, 1.3]
Urbanicity (DW)		
Urban (n=1,061)	77.7	[75.7, 79.6]
Suburban (n=182)	10.7	[9.2, 12.5]
Rural (n=339)	11.6	[10.4, 12.8]
Highest level of education (2017)		
Less than high school (n=205)	12.1	[10.4, 14.1]
High school graduate (n=619)	38.6	[35.6, 41.7]
Some college (n=361)	24.6	[21.9, 27.5]
Associate's degree (n=227)	14.4	[12.3, 16.8]
Bachelor's degree (n=137)	8.6	[7.0, 10.6]
Post graduate degree (n=32)	1.6	[1.1, 2.4]
Employment status- detailed (2017)		
Full-time employment (n=356)	21.3	[19.0, 23.9]
Part-time employment (n=415)	27.6	[24.7, 30.6]
Out of work (n=198)	13.7	[11.8, 16.0]
Unable to work (n=425)	27.6	[24.9, 30.5]
Retired (n=74)	2.7	[2.0, 3.5]
Not looking for work at this time (n=98)	7.1	[5.5, 9.1]

Continued on next page

Continued from previous page

In school (2017)		
Yes (n=114)	9.7	[7.7, 12.1]
No (n=1,468)	90.3	[87.9, 92.3]
Veteran (2016)		
Yes (n=43)	3.0	[2.1, 4.2]
No (n=1,537)	97.0	[95.8, 97.9]
Marital status (2017)		
Married (n=358)	17.4	[15.5, 19.5]
Partnered (n=65)	3.7	[2.8, 4.9]
Divorced (n=384)	21.1	[18.7, 23.7]
Widowed (n=57)	2.5	[1.9, 3.4]
Separated (n=56)	3.6	[2.6, 4.8]
Never married (n=658)	51.7	[48.6, 54.7]
Number of places lived in past 3 years (2017)		
One (n=1,057)	64.0	[60.9, 67.0]
Two (n=341)	22.4	[19.9, 25.2]
Three (n=99)	7.1	[5.6, 8.9]
Four or more (n=83)	6.4	[4.9, 8.3]
Don't know (n=2)	0.1	[0.0, 0.5]
Homeless in the last 12 months (2017)		
Yes (n=129)	9.7	[7.9, 12.0]
No (n=1,448)	89.9	[87.7, 91.8]
Don't know (n=3)	0.3	[0.1, 1.1]
Fair/poor health (2017)		
Fair/poor health (n=571)	36.1	[33.2, 39.2]
Excellent/very good/good health (n=1,011)	63.9	[60.8, 66.8]

0.1.4 Demographic characteristics, among respondents with a substance use disorder

	Percent	95%CI
Follow-up group		
Still enrolled (n=484)	78.5	[74.2, 82.2]
No longer enrolled (n=132)	21.5	[17.8, 25.8]
FPL categories (DW)		
0-35% (n=340)	67.0	[63.1, 70.8]
36-99% (n=162)	19.1	[16.2, 22.3]
100%+ (n=114)	13.9	[11.4, 16.7]
Region (DW)		
UP/NW/NE (n=99)	7.5	[6.1, 9.2]
W/E Central/E (n=187)	28.7	[25.1, 32.7]
S Central/SW/SE (n=147)	20.3	[17.3, 23.7]
Detroit Metro (n=183)	43.4	[38.9, 48.1]
Age (DW)		
19-34 (n=158)	32.1	[27.4, 37.1]
35-50 (n=217)	38.0	[33.3, 42.9]
51-64 (n=241)	30.0	[26.0, 34.3]
Gender (DW)		
Male (n=340)	59.1	[54.2, 63.8]
Female (n=276)	40.9	[36.2, 45.8]
Race/ethnicity (2016)		
White, non-Hispanic (n=390)	57.8	[52.8, 62.6]
Black, non-Hispanic (n=149)	31.3	[26.8, 36.3]
Hispanic (n=22)	4.1	[2.5, 6.4]
Other, non-Hispanic (n=44)	6.8	[4.8, 9.5]
Race (2016)		
White (n=402)	59.9	[54.9, 64.7]
Black or African American (n=149)	31.3	[26.8, 36.3]
Other (n=30)	4.9	[3.2, 7.4]
More than one (n=24)	3.8	[2.4, 6.1]
Hispanic/Latino (2016)		
Yes (n=22)	4.0	[2.5, 6.4]
No (n=584)	95.4	[92.9, 97.1]
Don't know (n=2)	0.5	[0.1, 2.4]
Arab, Chaldean, Middle Eastern (2016)		
Yes (n=5)	0.8	[0.3, 2.3]
No (n=600)	98.7	[96.8, 99.5]
Don't know (n=2)	0.5	[0.1, 2.4]
Urbanicity (DW)		
Urban (n=450)	82.6	[79.4, 85.3]
Suburban (n=59)	8.7	[6.6, 11.5]
Rural (n=107)	8.7	[7.0, 10.8]
Highest level of education (2017)		
Less than high school (n=99)	15.7	[12.7, 19.2]
High school graduate (n=284)	48.1	[43.2, 53.1]
Some college (n=126)	19.1	[15.8, 23.1]
Associate's degree (n=67)	11.4	[8.4, 15.2]
Bachelor's degree (n=30)	4.7	[3.1, 7.1]
Post graduate degree (n=9)	1.0	[0.5, 2.0]
Employment status- detailed (2017)		
Full-time employment (n=134)	21.5	[17.6, 26.0]
Part-time employment (n=135)	23.6	[19.5, 28.3]
Out of work (n=87)	15.1	[12.0, 18.9]
Unable to work (n=206)	34.0	[29.5, 38.9]
Retired (n=26)	2.1	[1.4, 3.2]
Not looking for work at this time (n=22)	3.7	[2.3, 5.7]

Continued on next page

Continued from previous page

In school (2017)		
Yes (n=36)	7.1	[4.8, 10.3]
No (n=580)	92.9	[89.7, 95.2]
<hr/>		
Veteran (2016)		
Yes (n=34)	5.4	[3.6, 8.0]
No (n=581)	94.6	[92.0, 96.4]
<hr/>		
Marital status (2017)		
Married (n=105)	12.3	[9.9, 15.2]
Partnered (n=30)	4.3	[2.9, 6.4]
Divorced (n=147)	23.4	[19.3, 27.9]
Widowed (n=21)	2.0	[1.2, 3.3]
Separated (n=20)	3.3	[2.0, 5.3]
Never married (n=288)	54.7	[49.8, 59.5]
<hr/>		
Number of places lived in past 3 years (2017)		
One (n=390)	61.1	[56.1, 65.8]
Two (n=147)	24.4	[20.4, 28.8]
Three (n=39)	7.0	[4.9, 10.0]
Four or more (n=39)	7.5	[5.1, 11.0]
Don't know (n=0)	0.0	
<hr/>		
Homeless in the last 12 months (2017)		
Yes (n=79)	16.0	[12.3, 20.6]
No (n=535)	83.8	[79.2, 87.5]
Don't know (n=1)	0.2	[0.0, 1.7]
<hr/>		
Fair/poor health (2017)		
Fair/poor health (n=264)	41.8	[37.1, 46.7]
Excellent/very good/good health (n=352)	58.2	[53.3, 62.9]

0.1.5 Demographic characteristics, among respondents employed in 2017

	Percent	95%CI
Follow-up group		
Still enrolled (n=1,319)	74.4	[71.7, 77.0]
No longer enrolled (n=423)	25.6	[23.0, 28.3]
FPL categories (DW)		
0-35% (n=478)	40.2	[37.6, 42.8]
36-99% (n=716)	34.3	[32.3, 36.4]
100%+ (n=548)	25.4	[23.8, 27.2]
Region (DW)		
UP/NW/NE (n=316)	9.0	[8.2, 9.9]
W/E Central/E (n=528)	28.5	[26.6, 30.5]
S Central/SW/SE (n=363)	19.4	[17.8, 21.2]
Detroit Metro (n=535)	43.1	[40.6, 45.6]
Age (DW)		
19-34 (n=642)	44.3	[41.3, 47.5]
35-50 (n=566)	33.8	[30.9, 36.7]
51-64 (n=534)	21.9	[19.8, 24.2]
Gender (DW)		
Male (n=686)	46.6	[43.6, 49.7]
Female (n=1,056)	53.4	[50.3, 56.4]
Race/ethnicity (2016)		
White, non-Hispanic (n=1,136)	57.3	[54.2, 60.3]
Black, non-Hispanic (n=367)	27.2	[24.4, 30.2]
Hispanic (n=88)	6.2	[4.8, 7.9]
Other, non-Hispanic (n=131)	9.4	[7.7, 11.4]
Race (2016)		
White (n=1,165)	59.3	[56.2, 62.2]
Black or African American (n=369)	27.3	[24.5, 30.3]
Other (n=122)	8.9	[7.2, 11.0]
More than one (n=65)	4.5	[3.4, 6.0]
Hispanic/Latino (2016)		
Yes (n=88)	6.2	[4.8, 7.9]
No (n=1,637)	93.8	[92.1, 95.2]
Don't know (n=1)	0.0	[0.0, 0.3]
Arab, Chaldean, Middle Eastern (2016)		
Yes (n=78)	5.3	[4.1, 6.9]
No (n=1,646)	94.6	[93.1, 95.8]
Don't know (n=2)	0.1	[0.0, 0.3]
Urbanicity (DW)		
Urban (n=1,256)	81.8	[80.1, 83.5]
Suburban (n=151)	8.2	[6.9, 9.7]
Rural (n=335)	9.9	[9.0, 11.0]
Highest level of education (2017)		
Less than high school (n=130)	7.6	[6.2, 9.3]
High school graduate (n=674)	38.0	[35.1, 41.0]
Some college (n=385)	23.9	[21.3, 26.7]
Associate's degree (n=280)	15.6	[13.6, 17.9]
Bachelor's degree (n=215)	11.7	[9.9, 13.8]
Post graduate degree (n=54)	3.1	[2.1, 4.6]
Employment status- detailed (2017)		
Full-time employment (n=856)	48.6	[45.6, 51.7]
Part-time employment (n=870)	51.3	[48.3, 54.4]
Out of work (n=0)	0.0	
Unable to work (n=1)	0.0	[0.0, 0.2]
Retired (n=0)	0.0	
Not looking for work at this time (n=0)	0.0	

Continued on next page

Continued from previous page

In school (2017)		
Yes (n=184)	14.5	[12.2, 17.0]
No (n=1,557)	85.5	[83.0, 87.8]
Veteran (2016)		
Yes (n=48)	3.3	[2.4, 4.7]
No (n=1,691)	96.7	[95.3, 97.6]
Marital status (2017)		
Married (n=399)	18.9	[16.9, 21.1]
Partnered (n=69)	3.4	[2.6, 4.5]
Divorced (n=350)	17.4	[15.3, 19.7]
Widowed (n=52)	2.4	[1.7, 3.2]
Separated (n=49)	3.2	[2.3, 4.4]
Never married (n=817)	54.7	[51.7, 57.7]
Number of places lived in past 3 years (2017)		
One (n=1,221)	68.0	[65.1, 70.8]
Two (n=343)	20.3	[18.0, 22.9]
Three (n=119)	8.1	[6.5, 10.1]
Four or more (n=56)	3.5	[2.5, 4.8]
Don't know (n=1)	0.0	[0.0, 0.3]
Homeless in the last 12 months (2017)		
Yes (n=78)	6.1	[4.6, 8.0]
No (n=1,659)	93.7	[91.8, 95.2]
Don't know (n=2)	0.2	[0.0, 0.7]
Fair/poor health (2017)		
Fair/poor health (n=307)	16.7	[14.7, 18.9]
Excellent/very good/good health (n=1,435)	83.3	[81.1, 85.3]

0.1.6 Demographic characteristics, among respondents not employed in 2017

	Percent	95%CI
Follow-up group		
Still enrolled (n=1,066)	79.9	[77.2, 82.4]
No longer enrolled (n=285)	20.1	[17.6, 22.8]
FPL categories (DW)		
0-35% (n=738)	68.5	[66.2, 70.6]
36-99% (n=366)	18.9	[17.1, 20.7]
100%+ (n=247)	12.7	[11.2, 14.3]
Region (DW)		
UP/NW/NE (n=258)	9.3	[8.3, 10.5]
W/E Central/E (n=451)	31.2	[29.0, 33.5]
S Central/SW/SE (n=270)	17.2	[15.5, 19.0]
Detroit Metro (n=372)	42.3	[39.6, 45.0]
Age (DW)		
19-34 (n=265)	28.5	[25.3, 32.0]
35-50 (n=402)	34.2	[31.0, 37.5]
51-64 (n=684)	37.3	[34.3, 40.4]
Gender (DW)		
Male (n=543)	47.6	[44.2, 51.0]
Female (n=808)	52.4	[49.0, 55.8]
Race/ethnicity (2016)		
White, non-Hispanic (n=922)	63.0	[59.7, 66.2]
Black, non-Hispanic (n=263)	25.8	[23.0, 28.9]
Hispanic (n=50)	3.4	[2.5, 4.6]
Other, non-Hispanic (n=97)	7.8	[6.1, 9.9]
Race (2016)		
White (n=941)	64.4	[61.1, 67.5]
Black or African American (n=266)	26.1	[23.2, 29.2]
Other (n=82)	6.1	[4.7, 7.9]
More than one (n=43)	3.4	[2.4, 5.0]
Hispanic/Latino (2016)		
Yes (n=50)	3.3	[2.4, 4.6]
No (n=1,284)	95.7	[94.1, 96.8]
Don't know (n=6)	1.0	[0.4, 2.4]
Arab, Chaldean, Middle Eastern (2016)		
Yes (n=46)	4.4	[3.0, 6.4]
No (n=1,287)	94.9	[92.8, 96.4]
Don't know (n=6)	0.7	[0.3, 1.7]
Urbanicity (DW)		
Urban (n=920)	79.6	[77.5, 81.5]
Suburban (n=156)	9.9	[8.3, 11.7]
Rural (n=275)	10.6	[9.4, 11.9]
Highest level of education (2017)		
Less than high school (n=225)	16.0	[13.8, 18.4]
High school graduate (n=592)	44.0	[40.7, 47.5]
Some college (n=279)	21.5	[18.8, 24.6]
Associate's degree (n=128)	9.4	[7.6, 11.5]
Bachelor's degree (n=90)	7.0	[5.5, 8.9]
Post graduate degree (n=34)	2.0	[1.4, 3.0]
Employment status- detailed (2017)		
Full-time employment (n=0)	0.0	
Part-time employment (n=0)	0.0	
Out of work (n=374)	33.7	[30.4, 37.1]
Unable to work (n=568)	41.3	[38.0, 44.6]
Retired (n=183)	8.5	[7.1, 10.1]
Not looking for work at this time (n=210)	16.6	[14.1, 19.4]

Continued on next page

Continued from previous page

In school (2017)		
Yes (n=69)	6.9	[5.1, 9.3]
No (n=1,282)	93.1	[90.7, 94.9]
<hr/>		
Veteran (2016)		
Yes (n=53)	4.3	[3.1, 5.9]
No (n=1,296)	95.7	[94.1, 96.9]
<hr/>		
Marital status (2017)		
Married (n=351)	20.1	[17.9, 22.6]
Partnered (n=50)	3.7	[2.6, 5.2]
Divorced (n=333)	21.7	[19.2, 24.4]
Widowed (n=61)	2.9	[2.1, 3.9]
Separated (n=52)	3.5	[2.6, 4.8]
Never married (n=497)	48.2	[44.8, 51.5]
<hr/>		
Number of places lived in past 3 years (2017)		
One (n=950)	66.2	[62.8, 69.4]
Two (n=268)	20.8	[18.2, 23.7]
Three (n=67)	6.5	[4.9, 8.5]
Four or more (n=64)	6.5	[4.8, 8.7]
Don't know (n=1)	0.1	[0.0, 0.6]
<hr/>		
Homeless in the last 12 months (2017)		
Yes (n=117)	10.3	[8.3, 12.6]
No (n=1,231)	89.5	[87.1, 91.4]
Don't know (n=2)	0.3	[0.1, 1.3]
<hr/>		
Fair/poor health (2017)		
Fair/poor health (n=555)	40.9	[37.6, 44.2]
Excellent/very good/good health (n=796)	59.1	[55.8, 62.4]

0.2 Employment (2017)

0.2.1 Employment (2017) by improved health (from 2016-2017), among all respondents

	Employed/self-employed (2017)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Improved health (from 2016-2017)					
Yes (n=340)	57.4	[50.7, 63.9]	42.6	[36.1, 49.3]	100.0
No (n=2,753)	57.1	[54.8, 59.4]	42.9	[40.6, 45.2]	100.0
Pearson: Uncorrected chi2(1) =	0.0111				
Design-based F(1.00, 3081.00) =	0.0068	Pr =	0.934		
Total (n=3,093)	57.1	[55.0, 59.3]	42.9	[40.7, 45.0]	100.0

Notes: χ^2 test of independence. Improved health was defined as respondents who reported fair/poor health in 2016 and no longer reported fair/poor health in 2017.

0.2.2 Employment (2017) by improved health (from 2016-2017), among respondents with a chronic condition

	Employed/self-employed (2017)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Improved health (from 2016-2017)					
Yes (n=304)	57.1	[49.9, 64.0]	42.9	[36.0, 50.1]	100.0
No (n=2,163)	52.6	[49.9, 55.2]	47.4	[44.8, 50.1]	100.0
Pearson: Uncorrected chi2(1) =	2.8759				
Design-based F(1.00, 3083.00) =	1.3605	Pr =	0.244		
Total (n=2,467)	53.1	[50.6, 55.6]	46.9	[44.4, 49.4]	100.0

Notes: χ^2 test of independence. Improved health was defined as respondents who reported fair/poor health in 2016 and no longer reported fair/poor health in 2017.

0.2.3 Employment (2017) by improved health (from 2016-2017), among respondents with a mental health condition and/or substance use disorder

	Employed/self-employed (2017)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Improved health (from 2016-2017)					
Yes (n=221)	54.1	[45.6, 62.4]	45.9	[37.6, 54.4]	100.0
No (n=1,527)	50.0	[46.8, 53.1]	50.0	[46.9, 53.2]	100.0
Pearson: Uncorrected chi2(1) =	2.3608				
Design-based F(1.00, 3084.00) =	0.7953	Pr =	0.373		
Total (n=1,748)	50.5	[47.5, 53.4]	49.5	[46.6, 52.5]	100.0

Notes: χ^2 test of independence. Improved health was defined as respondents who reported fair/poor health in 2016 and no longer reported fair/poor health in 2017.

0.2.4 Employment (2017) by improved health (from 2016-2017), among respondents with a mental health condition

	Employed/self-employed (2017)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Improved health (from 2016-2017)					
Yes (n=196)	52.1	[42.9, 61.2]	47.9	[38.8, 57.1]	100.0
No (n=1,385)	48.4	[45.1, 51.7]	51.6	[48.3, 54.9]	100.0
Pearson: Uncorrected chi2(1) =	1.9213				
Design-based F(1.00, 3084.00) =	0.5611	Pr =	0.454		
Total (n=1,581)	48.8	[45.7, 51.9]	51.2	[48.1, 54.3]	100.0

Notes: χ^2 test of independence. Improved health was defined as respondents who reported fair/poor health in 2016 and no longer reported fair/poor health in 2017.

0.2.5 Employment (2017) by improved health (from 2016-2017), among respondents with a substance use disorder

	Employed/self-employed (2017)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Improved health (from 2016-2017)					
Yes (n=84)	41.9	[30.5, 54.1]	58.1	[45.9, 69.5]	100.0
No (n=532)	45.6	[40.2, 51.0]	54.4	[49.0, 59.8]	100.0
Pearson: Uncorrected chi2(1) =	1.8957				
Design-based F(1.00, 3085.00) =	0.2985	Pr =	0.585		
Total (n=616)	45.1	[40.2, 50.1]	54.9	[49.9, 59.8]	100.0

Notes: χ^2 test of independence. Improved health was defined as respondents who reported fair/poor health in 2016 and no longer reported fair/poor health in 2017.

0.2.6 Employment (2017) by improved oral health (2016 or 2017), among respondents not employed in 2016

	Employed/self-employed (2017)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Improved oral health (2016 or 2017)					
Yes (n=729)	29.1	[24.8, 33.8]	70.9	[66.2, 75.2]	100.0
No (n=801)	29.7	[25.6, 34.1]	70.3	[65.9, 74.4]	100.0
Pearson: Uncorrected chi2(1) =	0.1508				
Design-based F(1.00, 3082.00) =	0.0403	Pr =	0.841		
Total (n=1,530)	29.4	[26.4, 32.6]	70.6	[67.4, 73.6]	100.0

Notes: χ^2 test of independence. Improved oral health in this table was defined as respondents who reported in either 2016 or 2017 that their oral health got better in the past year.

0.2.7 Predictors of employment (2017), among respondents not employed in 2016

	Employed/self-employed (2017)		
	aOR	95% CI	p-value
Improved oral health (2016 or 2017)			
No		Reference	
Yes	0.94	[0.686, 1.284]	0.693
Age (DW)			
19-34		Reference	
35-50	0.42	[0.286, 0.625]	0.000
51-64	0.30	[0.211, 0.439]	0.000
Gender (DW)			
Male		Reference	
Female	0.68	[0.494, 0.939]	0.019
Race/ethnicity (2016)			
White, non-Hispanic		Reference	
Black, non-Hispanic	1.74	[1.196, 2.540]	0.004
Hispanic	1.47	[0.731, 2.965]	0.279
Other, non-Hispanic	1.30	[0.740, 2.278]	0.363
FPL category (DW)			
0-35%		Reference	
36-99%	1.69	[1.193, 2.399]	0.003
100%+	1.23	[0.805, 1.876]	0.340
Highest level of education (2017)			
High school or less		Reference	
Associate's degree/some college	1.73	[1.221, 2.445]	0.002
Bachelor's/post graduate degree	1.97	[1.213, 3.205]	0.006
Constant	0.55	[0.368, 0.813]	0.003
N	1,503		
F-value	6.950		
Model degrees of freedom	11.000		
Residual degrees of freedom	1,491.000		
F-value significance	0.000		

Notes: Multiple logistic regression. Improved oral health in this table was defined as respondents who reported in either 2016 or 2017 that their oral health got better in the past year.

0.3 Employed and/or student (change 2016-2017)

0.3.1 Employed and/or student (2016, 2017, change 2016-2017) by follow-up group and demographic characteristics (2017), among all respondents

	Employed/self-employed and/or student						N	Delta Percent
	2016 Percent	2016 95%CI	N	2017 Percent	2017 95%CI	N		
Follow-up group								
Still enrolled	53.1	[50.6, 55.6]	2,372	58.7	[56.2, 61.2]	2,388	5.6	
No longer enrolled	58.2	[53.6, 62.7]	709	64.1	[59.8, 68.5]	709	5.9	
Age (DW)								
19-34	70.0	[66.2, 73.7]	904	73.5	[69.9, 77.1]	909	3.5	
35-50	49.8	[45.8, 53.7]	965	57.8	[53.9, 61.7]	969	8.0	
51-64	39.0	[35.8, 42.3]	1,212	44.7	[41.3, 48.1]	1,219	5.7	
Gender (DW)								
Male	52.2	[48.7, 55.7]	1,223	58.9	[55.5, 62.4]	1,230	6.7	
Female	56.1	[53.3, 59.0]	1,858	60.9	[58.1, 63.6]	1,867	4.8	
Race/ethnicity (2016)								
White, non-Hispanic	54.0	[51.3, 56.7]	2,049	57.5	[54.8, 60.2]	2,058	3.5	
Black, non-Hispanic	51.0	[46.2, 55.9]	631	61.7	[57.1, 66.3]	634	10.7	
Hispanic	68.7	[60.0, 77.4]	138	71.5	[63.2, 79.8]	138	2.8	
Other, non-Hispanic	60.2	[52.6, 67.9]	227	65.8	[58.5, 73.2]	228	5.6	
FPL categories (DW)								
0-35%	38.2	[34.6, 41.8]	1,208	47.4	[43.8, 51.0]	1,218	9.2	
36-99%	69.2	[66.0, 72.4]	1,079	72.8	[69.8, 75.7]	1,084	3.6	
100%+	75.6	[72.4, 78.9]	794	75.0	[71.7, 78.3]	795	-0.6	
Region (DW)								
UP/NW/NE	55.5	[51.1, 59.9]	572	57.7	[53.3, 62.1]	574	2.2	
W/E Central/E	51.1	[47.7, 54.6]	971	57.3	[53.9, 60.8]	980	6.2	
S Central/SW/SE	56.9	[52.5, 61.2]	633	62.7	[58.4, 67.0]	633	5.8	
Detroit Metro	55.1	[51.1, 59.1]	905	61.1	[57.2, 65.0]	910	6.0	

0.3.2 Employed and/or student (2016, 2017, change 2016-2017), among all respondents and various subgroups

	Employed/self-employed and/or student						Delta Percent
	Percent	2016 95%CI	N	Percent	2017 95%CI	N	
All respondents^a							
Employed/self-employed and/or student	54.3	[52.1, 56.5]	1,679	60.0	[57.8, 62.1]	1,811	5.7
Not employed/self-employed and/or student	45.7	[43.5, 47.9]	1,402	40.0	[37.9, 42.2]	1,286	
Among respondents still enrolled^b							
Employed/self-employed and/or student	53.1	[50.6, 55.6]	1,275	58.7	[56.2, 61.2]	1,377	5.6
Not employed/self-employed and/or student	46.9	[44.4, 49.4]	1,097	41.3	[38.8, 43.8]	1,011	
Among respondents no longer enrolled^c							
Employed/self-employed and/or student	58.2	[53.6, 62.6]	404	64.1	[59.7, 68.3]	434	5.9
Not employed/self-employed and/or student	41.8	[37.4, 46.4]	305	35.9	[31.7, 40.3]	275	
Among respondents with a chronic condition (2016 or 2017 survey and/or DW)^d							
Employed/self-employed and/or student	49.3	[46.8, 51.8]	1,228	55.8	[53.3, 58.2]	1,332	6.5
Not employed/self-employed and/or student	50.7	[48.2, 53.2]	1,226	44.2	[41.8, 46.7]	1,137	
Among respondents with a mental health condition and/or substance use disorder (DW)^e							
Employed/self-employed and/or student	48.1	[45.2, 51.1]	842	54.2	[51.2, 57.1]	921	6.1
Not employed/self-employed and/or student	51.9	[48.9, 54.8]	896	45.8	[42.9, 48.8]	828	
Among respondents with a mental health condition (DW)^f							
Employed/self-employed and/or student	47.2	[44.2, 50.3]	751	52.8	[49.7, 55.9]	822	5.6
Not employed/self-employed and/or student	52.8	[49.7, 55.8]	821	47.2	[44.1, 50.3]	760	
Among respondents with a substance use disorder (DW)^g							
Employed/self-employed and/or student	38.0	[33.4, 42.9]	246	47.3	[42.4, 52.3]	284	9.3
Not employed/self-employed and/or student	62.0	[57.1, 66.6]	367	52.7	[47.7, 57.6]	332	

^a Mixed effects logistic regression results, $F(1, 3,085) = 29.90, p < 0.0001$; Employed/self-employed and/or student in 2017 OR = 1.83, $p < 0.001$, 95% CI (1.5, 2.3)

^b Mixed effects logistic regression results, $F(1, 2,376) = 21.03, p < 0.0001$; Employed/self-employed and/or student in 2017 OR = 1.78, $p < 0.001$, 95% CI (1.4, 2.3)

^c Mixed effects logistic regression results, $F(1, 697) = 9.76, p = 0.0019$; Employed/self-employed and/or student in 2017 OR = 2.03, $p = 0.002$, 95% CI (1.3, 3.2)

^d Mixed effects logistic regression results, $F(1, 2,457) = 30.68, p < 0.0001$; Employed/self-employed and/or student in 2017 OR = 1.96, $p < 0.001$, 95% CI (1.5, 2.5)

^e Mixed effects logistic regression results, $F(1, 1,737) = 23.45, p < 0.0001$; Employed/self-employed and/or student in 2017 OR = 1.94, $p < 0.001$, 95% CI (1.5, 2.5)

^f Mixed effects logistic regression results, $F(1, 1,570) = 17.95, p < 0.0001$; Employed/self-employed and/or student in 2017 OR = 1.85, $p < 0.001$, 95% CI (1.4, 2.5)

^g Mixed effects logistic regression results, $F(1, 604) = 20.42, p < 0.0001$; Employed/self-employed and/or student in 2017 OR = 2.76, $p < 0.001$, 95% CI (1.8, 4.3)

0.3.3 Predictors of employment and/or student (change 2016-2017), among all respondents and respondents with a chronic condition

	Employed/self-employed and/or student			Employed/self-employed and/or student ^a		
	aOR	95% CI	p-value	aOR	95% CI	p-value
Survey year						
2016		Reference			Reference	
2017	1.74	[1.386, 2.193]	0.000	1.87	[1.457, 2.412]	0.000
Fair/poor health						
No		Reference			Reference	
Yes	0.24	[0.173, 0.329]	0.000	0.27	[0.192, 0.379]	0.000
Age (DW)						
19-34		Reference			Reference	
35-50	0.26	[0.162, 0.412]	0.000	0.31	[0.184, 0.539]	0.000
51-64	0.08	[0.045, 0.127]	0.000	0.08	[0.047, 0.152]	0.000
Gender (DW)						
Male		Reference			Reference	
Female	0.84	[0.597, 1.190]	0.330	0.90	[0.614, 1.323]	0.594
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	1.74	[1.150, 2.641]	0.009	2.04	[1.286, 3.233]	0.002
Hispanic	2.86	[1.262, 6.500]	0.012	2.79	[1.043, 7.444]	0.041
Other, non-Hispanic	1.94	[1.002, 3.740]	0.049	1.84	[0.821, 4.132]	0.138
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	15.09	[9.261, 24.602]	0.000	16.33	[9.240, 28.874]	0.000
100%+	23.06	[13.370, 39.760]	0.000	28.90	[15.109, 55.264]	0.000
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	3.17	[2.144, 4.700]	0.000	3.11	[1.999, 4.849]	0.000
Bachelor's/post graduate degree	4.82	[2.705, 8.593]	0.000	4.32	[2.221, 8.404]	0.000
Constant	0.97	[0.602, 1.549]	0.885	0.62	[0.352, 1.087]	0.095
Respondent	31289.33	[1066.437, 918031.058]	0.000	51847.64	[971.279, 2767668.155]	0.000
N	6,089			4,853		
F-value	21.487			17.223		
Model degrees of freedom	12.000			12.000		
Residual degrees of freedom	3,039.000			2,421.000		
F-value significance	0.000			0.000		

Notes: Mixed effects logistic regression. Variables are from both survey years unless otherwise noted.

^a Analysis restricted to those with a chronic condition

0.3.4 Interaction between employment and/or student (change 2016-2017) and improved health (from 2016-2017), among all respondents

	Employed/self-employed and/or student*			Employed/self-employed and/or student		
	aOR	95% CI	p-value	aOR	95% CI	p-value
Survey year						
2016		Reference			Reference	
2017	1.75	[1.364, 2.255]	0.000	1.84	[1.461, 2.320]	0.000
Improved health (from 2016-2017)						
No		Reference			Reference	
Yes	0.93	[0.476, 1.809]	0.826	1.16	[0.649, 2.082]	0.613
Survey year*Improved health (from 2016-2017)						
2017 × Yes	1.59	[0.893, 2.820]	0.116			
Age (DW)						
19-34		Reference			Reference	
35-50	0.19	[0.119, 0.312]	0.000	0.19	[0.120, 0.313]	0.000
51-64	0.05	[0.030, 0.093]	0.000	0.05	[0.030, 0.093]	0.000
Gender (DW)						
Male		Reference			Reference	
Female	0.84	[0.598, 1.189]	0.330	0.84	[0.599, 1.190]	0.333
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	1.89	[1.250, 2.870]	0.003	1.89	[1.250, 2.865]	0.003
Hispanic	3.08	[1.341, 7.055]	0.008	3.07	[1.339, 7.032]	0.008
Other, non-Hispanic	2.06	[1.058, 4.003]	0.034	2.05	[1.057, 3.993]	0.034
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	20.31	[11.633, 35.448]	0.000	20.14	[11.570, 35.072]	0.000
100%+	33.48	[18.052, 62.078]	0.000	33.18	[17.947, 61.353]	0.000
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	3.87	[2.567, 5.846]	0.000	3.86	[2.562, 5.824]	0.000
Bachelor's/post graduate degree	6.40	[3.574, 11.474]	0.000	6.38	[3.563, 11.419]	0.000
Constant	0.60	[0.376, 0.970]	0.037	0.59	[0.368, 0.946]	0.029
Respondent	263768.01	[2220.322, 31334903.825]	0.000	242794.94	[2158.958, 27304558.334]	0.000
N	6,089			6,089		
F-value	14.097			15.054		
Model degrees of freedom	13.000			12.000		
Residual degrees of freedom	3,039.000			3,039.000		
F-value significance	0.000			0.000		

Notes: Mixed effects logistic regression. Improved health was defined as respondents who reported fair/poor health in 2016 and no longer reported fair/poor health in 2017. Variables are from both survey years unless otherwise noted.

* Includes interaction term

0.3.5 Interaction between employment and/or student (change 2016-2017) and improved health (from 2016-2017), among respondents with a chronic condition

	Employed/self-employed and/or student ^{a*}			Employed/self-employed and/or student ^a		
	aOR	95% CI	p-value	aOR	95% CI	p-value
Survey year						
2016		Reference			Reference	
2017	1.90	[1.433, 2.511]	0.000	1.98	[1.535, 2.551]	0.000
Improved health (from 2016-2017)						
No		Reference			Reference	
Yes	1.16	[0.555, 2.409]	0.698	1.37	[0.720, 2.608]	0.337
Survey year*Improved health (from 2016-2017)						
2017 × Yes	1.41	[0.761, 2.615]	0.274			
Age (DW)						
19-34		Reference			Reference	
35-50	0.25	[0.143, 0.423]	0.000	0.25	[0.143, 0.423]	0.000
51-64	0.06	[0.034, 0.120]	0.000	0.06	[0.034, 0.120]	0.000
Gender (DW)						
Male		Reference			Reference	
Female	0.91	[0.625, 1.336]	0.642	0.91	[0.626, 1.337]	0.645
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	2.31	[1.451, 3.662]	0.000	2.30	[1.451, 3.658]	0.000
Hispanic	3.11	[1.141, 8.492]	0.027	3.11	[1.140, 8.474]	0.027
Other, non-Hispanic	1.96	[0.861, 4.460]	0.109	1.96	[0.861, 4.457]	0.109
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	21.79	[11.396, 41.647]	0.000	21.66	[11.359, 41.298]	0.000
100%+	41.82	[20.020, 87.371]	0.000	41.56	[19.956, 86.570]	0.000
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	3.76	[2.367, 5.987]	0.000	3.76	[2.364, 5.973]	0.000
Bachelor's/post graduate degree	5.43	[2.833, 10.395]	0.000	5.42	[2.830, 10.377]	0.000
Constant	0.35	[0.197, 0.608]	0.000	0.34	[0.194, 0.595]	0.000
Respondent	351137.82	[1540.919, 80015742.266]	0.000	331460.21	[1524.273, 72077539.000]	0.000
N	4,853			4,853		
F-value	11.369			12.169		
Model degrees of freedom	13.000			12.000		
Residual degrees of freedom	2,421.000			2,421.000		
F-value significance	0.000			0.000		

Notes: Mixed effects logistic regression. Improved health was defined as respondents who reported fair/poor health in 2016 and no longer reported fair/poor health in 2017. Variables are from both survey years unless otherwise noted.

^a Analysis restricted to those with a chronic condition

* Includes interaction term

0.3.6 Predictors of employment and/or student (change 2016-2017), among respondents with a mental health condition and/or substance use disorder, respondents with a mental health condition, and respondents with a substance use disorder

	Employed/self-employed and/or student ^a			Employed/self-employed and/or student ^b			Employed/self-employed and/or student ^c		
	aOR	95% CI	p-value	aOR	95% CI	p-value	aOR	95% CI	p-value
Survey year									
2016		Reference			Reference			Reference	
2017	1.84	[1.376, 2.455]	0.000	1.73	[1.276, 2.349]	0.000	2.67	[1.655, 4.318]	0.000
Fair/poor health									
No		Reference			Reference			Reference	
Yes	0.19	[0.129, 0.295]	0.000	0.21	[0.136, 0.321]	0.000	0.11	[0.055, 0.215]	0.000
Age (DW)									
19-34		Reference			Reference			Reference	
35-50	0.21	[0.110, 0.385]	0.000	0.18	[0.093, 0.345]	0.000	0.33	[0.125, 0.862]	0.024
51-64	0.08	[0.039, 0.163]	0.000	0.08	[0.036, 0.163]	0.000	0.16	[0.058, 0.447]	0.000
Gender (DW)									
Male		Reference			Reference			Reference	
Female	1.38	[0.865, 2.208]	0.176	1.52	[0.926, 2.503]	0.097	1.68	[0.785, 3.612]	0.181
Race/ethnicity (2016)									
White, non-Hispanic		Reference			Reference			Reference	
Black, non-Hispanic	1.59	[0.861, 2.933]	0.138	1.14	[0.595, 2.171]	0.699	1.87	[0.742, 4.728]	0.184
Hispanic	3.93	[1.326, 11.641]	0.014	3.66	[1.172, 11.460]	0.026	2.35	[0.351, 15.817]	0.377
Other, non-Hispanic	1.49	[0.619, 3.606]	0.371	1.75	[0.676, 4.520]	0.249	1.59	[0.465, 5.431]	0.460
FPL category (DW)									
0-35%		Reference			Reference			Reference	
36-99%	13.99	[7.180, 27.252]	0.000	13.68	[6.888, 27.168]	0.000	13.63	[4.675, 39.746]	0.000
100%+	19.32	[9.235, 40.400]	0.000	20.59	[9.536, 44.438]	0.000	12.16	[3.844, 38.442]	0.000
Highest level of education (2017)									
High school or less		Reference			Reference			Reference	
Associate's degree/some college	3.03	[1.796, 5.117]	0.000	3.96	[2.267, 6.927]	0.000	1.91	[0.888, 4.093]	0.098
Bachelor's/post graduate degree	3.97	[1.780, 8.844]	0.001	4.92	[2.107, 11.475]	0.000	6.78	[1.494, 30.734]	0.013
Constant	0.66	[0.344, 1.266]	0.211	0.51	[0.255, 1.018]	0.056	0.37	[0.125, 1.070]	0.066
Respondent	84713.92	[661.022, 10856587.675]	0.000	55543.31	[406.095, 7596896.091]	0.000	8831.20	[29.864, 2611540.353]	0.002
N	3,441			3,116			1,206		
F-value	12.162			11.387			5.792		
Model degrees of freedom	12.000			12.000			12.000		
Residual degrees of freedom	1,713.000			1,550.000			592.000		
F-value significance	0.000			0.000			0.000		

Notes: Mixed effects logistic regression. Variables are from both survey years unless otherwise noted.

^a Analysis restricted to those with a mental health condition and/or substance use disorder

^b Analysis restricted to those with a mental health condition

^c Analysis restricted to those with a substance use disorder

0.3.7 Interaction between employment and/or student (change 2016-2017) and improved health (from 2016-2017), among respondents with a mental health condition and/or substance use disorder

	Employed/self-employed and/or student ^{a*}			Employed/self-employed and/or student ^a		
	aOR	95% CI	p-value	aOR	95% CI	p-value
Survey year						
2016		Reference			Reference	
2017	1.88	[1.372, 2.583]	0.000	1.99	[1.487, 2.650]	0.000
Improved health (from 2016-2017)						
No		Reference			Reference	
Yes	1.08	[0.467, 2.500]	0.856	1.34	[0.639, 2.818]	0.437
Survey year*Improved health (from 2016-2017)						
2017 × Yes	1.55	[0.728, 3.306]	0.255			
Age (DW)						
19-34		Reference			Reference	
35-50	0.14	[0.072, 0.287]	0.000	0.14	[0.073, 0.288]	0.000
51-64	0.05	[0.020, 0.111]	0.000	0.05	[0.020, 0.111]	0.000
Gender (DW)						
Male		Reference			Reference	
Female	1.48	[0.924, 2.357]	0.104	1.47	[0.923, 2.352]	0.104
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	1.63	[0.895, 2.972]	0.110	1.63	[0.895, 2.966]	0.110
Hispanic	4.27	[1.407, 12.945]	0.010	4.26	[1.406, 12.882]	0.010
Other, non-Hispanic	1.52	[0.632, 3.669]	0.348	1.52	[0.631, 3.661]	0.350
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	21.87	[9.449, 50.602]	0.000	21.67	[9.411, 49.916]	0.000
100%+	35.24	[14.016, 88.618]	0.000	34.89	[13.956, 87.239]	0.000
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	4.02	[2.273, 7.105]	0.000	4.00	[2.267, 7.062]	0.000
Bachelor's/post graduate degree	5.67	[2.473, 12.991]	0.000	5.65	[2.465, 12.951]	0.000
Constant	0.30	[0.155, 0.593]	0.000	0.30	[0.152, 0.578]	0.000
Respondent	3196084.71	[752.351, 1.358e+10]	0.000	2886767.51	[753.340, 1.106e+10]	0.000
N	3,441			3,441		
F-value	6.882			7.335		
Model degrees of freedom	13.000			12.000		
Residual degrees of freedom	1,713.000			1,713.000		
F-value significance	0.000			0.000		

Notes: Mixed effects logistic regression. Improved health was defined as respondents who reported fair/poor health in 2016 and no longer reported fair/poor health in 2017. Variables are from both survey years unless otherwise noted.

^a Analysis restricted to those with a mental health condition and/or substance use disorder

* Includes interaction term

0.3.8 Interaction between employment and/or student (change 2016-2017) and improved health (from 2016-2017), among respondents with a mental health condition

	Employed/self-employed and/or student ^{a*}			Employed/self-employed and/or student ^a		
	aOR	95% CI	p-value	aOR	95% CI	p-value
Survey year						
2016		Reference			Reference	
2017	1.79	[1.285, 2.506]	0.001	1.88	[1.387, 2.559]	0.000
Improved health (from 2016-2017)						
No		Reference			Reference	
Yes	1.04	[0.419, 2.579]	0.933	1.27	[0.567, 2.860]	0.559
Survey year*Improved health (from 2016-2017)						
2017 × Yes	1.50	[0.670, 3.357]	0.324			
Age (DW)						
19-34		Reference			Reference	
35-50	0.13	[0.064, 0.263]	0.000	0.13	[0.064, 0.264]	0.000
51-64	0.05	[0.020, 0.113]	0.000	0.05	[0.020, 0.113]	0.000
Gender (DW)						
Male		Reference			Reference	
Female	1.66	[1.006, 2.726]	0.047	1.65	[1.006, 2.721]	0.047
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	1.05	[0.567, 1.961]	0.868	1.05	[0.567, 1.961]	0.867
Hispanic	3.76	[1.173, 12.042]	0.026	3.75	[1.172, 12.003]	0.026
Other, non-Hispanic	1.76	[0.676, 4.565]	0.247	1.75	[0.675, 4.556]	0.249
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	20.94	[8.997, 48.717]	0.000	20.79	[8.965, 48.223]	0.000
100%+	36.22	[14.212, 92.288]	0.000	35.93	[14.157, 91.177]	0.000
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	5.34	[2.879, 9.893]	0.000	5.32	[2.872, 9.838]	0.000
Bachelor's/post graduate degree	7.06	[2.913, 17.113]	0.000	7.04	[2.903, 17.060]	0.000
Constant	0.23	[0.112, 0.472]	0.000	0.23	[0.110, 0.461]	0.000
Respondent	1397652.62	[443.435, 4.405e+09]	0.001	1291447.98	[442.174, 3.772e+09]	0.001
N	3,116			3,116		
F-value	6.481			6.912		
Model degrees of freedom	13.000			12.000		
Residual degrees of freedom	1,550.000			1,550.000		
F-value significance	0.000			0.000		

Notes: Mixed effects logistic regression. Improved health was defined as respondents who reported fair/poor health in 2016 and no longer reported fair/poor health in 2017. Variables are from both survey years unless otherwise noted.

^a Analysis restricted to those with a mental health condition

* Includes interaction term

0.3.9 Interaction between employment and/or student (change 2016-2017) and improved health (from 2016-2017), among respondents with a substance use disorder

	Employed/self-employed and/or student ^{d*}			Employed/self-employed and/or student ^d		
	aOR	95% CI	p-value	aOR	95% CI	p-value
Survey year						
2016		Reference			Reference	
2017	2.60	[1.550, 4.361]	0.000	2.81	[1.754, 4.495]	0.000
Improved health (from 2016-2017)						
No		Reference			Reference	
Yes	0.34	[0.084, 1.369]	0.128	0.51	[0.173, 1.489]	0.217
Survey year*Improved health (from 2016-2017)						
2017 × Yes	2.02	[0.599, 6.845]	0.256			
Age (DW)						
19-34		Reference			Reference	
35-50	0.21	[0.067, 0.634]	0.006	0.21	[0.069, 0.633]	0.006
51-64	0.07	[0.021, 0.269]	0.000	0.08	[0.021, 0.270]	0.000
Gender (DW)						
Male		Reference			Reference	
Female	1.70	[0.772, 3.748]	0.187	1.69	[0.770, 3.720]	0.190
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	2.42	[0.923, 6.349]	0.072	2.41	[0.924, 6.303]	0.072
Hispanic	3.27	[0.453, 23.651]	0.240	3.27	[0.460, 23.189]	0.236
Other, non-Hispanic	2.79	[0.790, 9.822]	0.111	2.79	[0.800, 9.742]	0.107
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	23.15	[6.000, 89.298]	0.000	22.62	[6.005, 85.213]	0.000
100%+	23.45	[5.533, 99.383]	0.000	22.92	[5.549, 94.638]	0.000
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	2.54	[1.108, 5.831]	0.028	2.52	[1.105, 5.769]	0.028
Bachelor's/post graduate degree	13.45	[2.618, 69.054]	0.002	13.27	[2.595, 67.880]	0.002
Constant	0.14	[0.043, 0.474]	0.001	0.14	[0.042, 0.459]	0.001
Respondent	674993.86	[12.024, 3.789e+10]	0.016	537962.40	[14.223, 2.035e+10]	0.014
N	1,206			1,206		
F-value	3.447			3.708		
Model degrees of freedom	13.000			12.000		
Residual degrees of freedom	592.000			592.000		
F-value significance	0.000			0.000		

Notes: Mixed effects logistic regression. Improved health was defined as respondents who reported fair/poor health in 2016 and no longer reported fair/poor health in 2017. Variables are from both survey years unless otherwise noted.

^a Analysis restricted to those with a substance use disorder

* Includes interaction term

0.3.10 Employment and/or student (2016, 2017, change 2016-2017), among all respondents and various subgroups who reported improved oral health in 2016 or 2017

	Employed/self-employed and/or student						Delta Percent
	Percent	2016 95%CI	N	Percent	2017 95%CI	N	
Among all respondents who experienced improved oral health in either 2016 or 2017							
Employed/self-employed and/or student	54.4	[51.2, 57.6]	812	61.1	[58.0, 64.2]	881	6.7
Not employed/self-employed and/or student	45.6	[42.4, 48.8]	673	38.9	[35.8, 42.0]	613	
Among respondents with a chronic condition (2016 or 2017 survey and/or DW) who experienced improved oral health in either 2016 or 2017							
Employed/self-employed and/or student	49.2	[45.6, 52.9]	589	56.6	[53.0, 60.1]	646	7.2
Not employed/self-employed and/or student	50.8	[47.1, 54.4]	600	43.4	[39.9, 47.0]	551	
Among respondents with a mental health condition and/or substance use disorder (DW) who experienced improved oral health in either 2016 or 2017							
Employed/self-employed and/or student	49.3	[45.1, 53.5]	417	55.1	[50.9, 59.2]	457	5.3
Not employed/self-employed and/or student	50.7	[46.5, 54.9]	441	44.9	[40.8, 49.1]	408	
Among respondents with a mental health condition (DW) who experienced improved oral health in either 2016 or 2017							
Employed/self-employed and/or student	49.5	[45.1, 53.9]	377	54.1	[49.8, 58.5]	411	4.6
Not employed/self-employed and/or student	50.5	[46.1, 54.9]	405	45.9	[41.5, 50.2]	378	
Among respondents with a substance use disorder (DW) who experienced improved oral health in either 2016 or 2017							
Employed/self-employed and/or student	35.6	[29.3, 42.4]	110	44.3	[37.4, 51.3]	124	8.7
Not employed/self-employed and/or student	64.4	[57.6, 70.7]	183	55.7	[48.7, 62.6]	169	

0.3.11 Interaction between employment and/or student (change 2016-2017) and improved oral health (2016 or 2017), among all respondents

	Employed/self-employed and/or student*			Employed/self-employed and/or student		
	aOR	95% CI	p-value	aOR	95% CI	p-value
Survey year						
2016		Reference			Reference	
2017	1.66	[1.200, 2.287]	0.002	1.84	[1.461, 2.320]	0.000
Improved oral health (2016 or 2017)						
No		Reference			Reference	
Yes	1.13	[0.758, 1.690]	0.544	1.26	[0.896, 1.766]	0.185
Survey year*Improved oral health (2016 or 2017)						
2017 × Yes	1.24	[0.782, 1.975]	0.358			
Age (DW)						
19-34		Reference			Reference	
35-50	0.20	[0.121, 0.316]	0.000	0.20	[0.121, 0.317]	0.000
51-64	0.05	[0.030, 0.094]	0.000	0.05	[0.030, 0.094]	0.000
Gender (DW)						
Male		Reference			Reference	
Female	0.84	[0.595, 1.184]	0.318	0.84	[0.594, 1.184]	0.317
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	1.85	[1.222, 2.803]	0.004	1.85	[1.222, 2.800]	0.004
Hispanic	3.09	[1.346, 7.096]	0.008	3.09	[1.346, 7.086]	0.008
Other, non-Hispanic	2.03	[1.049, 3.942]	0.036	2.03	[1.047, 3.938]	0.036
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	20.07	[11.538, 34.896]	0.000	19.98	[11.498, 34.736]	0.000
100%+	33.55	[18.147, 62.029]	0.000	33.42	[18.082, 61.765]	0.000
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	3.86	[2.562, 5.817]	0.000	3.86	[2.560, 5.809]	0.000
Bachelor's/post graduate degree	6.46	[3.600, 11.605]	0.000	6.45	[3.594, 11.588]	0.000
Constant	0.57	[0.340, 0.946]	0.030	0.54	[0.326, 0.892]	0.016
Respondent	247652.67	[2194.097, 27953111.753]	0.000	238306.91	[2145.259, 26472412.939]	0.000
N	6,089			6,089		
F-value	14.024			15.083		
Model degrees of freedom	13.000			12.000		
Residual degrees of freedom	3,039.000			3,039.000		
F-value significance	0.000			0.000		

Notes: Mixed effects logistic regression. Improved oral health in this table was defined as respondents who reported in either 2016 or 2017 that their oral health got better in the past year. Variables are from both survey years unless otherwise noted.

* Includes interaction term

0.3.12 Interaction between employment and/or student (change 2016-2017) and improved oral health (2016 or 2017), among respondents with a chronic condition

	Employed/self-employed and/or student*			Employed/self-employed and/or student		
	aOR	95% CI	p-value	aOR	95% CI	p-value
Survey year						
2016		Reference			Reference	
2017	1.84	[1.299, 2.610]	0.001	1.98	[1.535, 2.551]	0.000
Improved oral health (2016 or 2017)						
No		Reference			Reference	
Yes	1.06	[0.672, 1.661]	0.812	1.14	[0.780, 1.653]	0.508
Survey year*Improved oral health (2016 or 2017)						
2017 × Yes	1.16	[0.689, 1.939]	0.583			
Age (DW)						
19-34		Reference			Reference	
35-50	0.25	[0.144, 0.429]	0.000	0.25	[0.144, 0.429]	0.000
51-64	0.06	[0.034, 0.121]	0.000	0.06	[0.034, 0.121]	0.000
Gender (DW)						
Male		Reference			Reference	
Female	0.91	[0.624, 1.338]	0.643	0.91	[0.624, 1.337]	0.642
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	2.26	[1.425, 3.591]	0.001	2.26	[1.425, 3.589]	0.001
Hispanic	3.13	[1.148, 8.535]	0.026	3.13	[1.149, 8.538]	0.026
Other, non-Hispanic	1.93	[0.851, 4.356]	0.116	1.92	[0.851, 4.353]	0.116
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	21.58	[11.315, 41.143]	0.000	21.55	[11.307, 41.085]	0.000
100%+	41.58	[19.977, 86.557]	0.000	41.55	[19.965, 86.454]	0.000
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	3.73	[2.351, 5.923]	0.000	3.73	[2.351, 5.923]	0.000
Bachelor's/post graduate degree	5.41	[2.812, 10.391]	0.000	5.41	[2.811, 10.395]	0.000
Constant	0.35	[0.188, 0.636]	0.001	0.33	[0.184, 0.608]	0.000
Respondent	336581.43	[1532.888, 73904354.636]	0.000	332785.94	[1525.947, 72575590.526]	0.000
N	4,853			4,853		
F-value	11.230			12.179		
Model degrees of freedom	13.000			12.000		
Residual degrees of freedom	2,421.000			2,421.000		
F-value significance	0.000			0.000		

Notes: Mixed effects logistic regression. Improved oral health in this table was defined as respondents who reported in either 2016 or 2017 that their oral health got better in the past year. Variables are from both survey years unless otherwise noted.

* Includes interaction term

0.3.13 Interaction between employment and/or student (change 2016-2017) and improved oral health (2016 or 2017), among respondents with a mental health condition and/or substance use disorder

	Employed/self-employed and/or student*			Employed/self-employed and/or student		
	aOR	95% CI	p-value	aOR	95% CI	p-value
Survey year						
2016		Reference			Reference	
2017	2.07	[1.381, 3.114]	0.000	1.99	[1.487, 2.650]	0.000
Improved oral health (2016 or 2017)						
No		Reference			Reference	
Yes	1.30	[0.773, 2.202]	0.319	1.25	[0.795, 1.959]	0.336
Survey year*Improved oral health (2016 or 2017)						
2017 × Yes	0.91	[0.510, 1.642]	0.765			
Age (DW)						
19-34		Reference			Reference	
35-50	0.15	[0.073, 0.290]	0.000	0.15	[0.073, 0.290]	0.000
51-64	0.05	[0.020, 0.111]	0.000	0.05	[0.020, 0.111]	0.000
Gender (DW)						
Male		Reference			Reference	
Female	1.48	[0.928, 2.367]	0.099	1.48	[0.928, 2.368]	0.099
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	1.59	[0.873, 2.895]	0.129	1.59	[0.873, 2.895]	0.129
Hispanic	4.26	[1.403, 12.924]	0.011	4.26	[1.402, 12.927]	0.011
Other, non-Hispanic	1.53	[0.635, 3.697]	0.342	1.53	[0.635, 3.696]	0.342
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	21.27	[9.267, 48.838]	0.000	21.26	[9.262, 48.814]	0.000
100%+	34.95	[13.997, 87.247]	0.000	34.92	[13.989, 87.181]	0.000
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	3.94	[2.241, 6.934]	0.000	3.94	[2.240, 6.934]	0.000
Bachelor's/post graduate degree	5.63	[2.459, 12.888]	0.000	5.63	[2.458, 12.875]	0.000
Constant	0.27	[0.132, 0.565]	0.000	0.28	[0.136, 0.572]	0.000
Respondent	2862133.35	[756.513, 1.083e+10]	0.000	2851251.35	[752.804, 1.080e+10]	0.000
N	3,441			3,441		
F-value	6.805			7.338		
Model degrees of freedom	13.000			12.000		
Residual degrees of freedom	1,713.000			1,713.000		
F-value significance	0.000			0.000		

Notes: Mixed effects logistic regression. Improved oral health in this table was defined as respondents who reported in either 2016 or 2017 that their oral health got better in the past year. Variables are from both survey years unless otherwise noted.

* Includes interaction term

0.3.14 Interaction between employment and/or student (change 2016-2017) and improved oral health (2016 or 2017), among respondents with a mental health condition

	Employed/self-employed and/or student*			Employed/self-employed and/or student		
	aOR	95% CI	p-value	aOR	95% CI	p-value
Survey year						
2016		Reference			Reference	
2017	2.14	[1.377, 3.313]	0.001	1.88	[1.387, 2.557]	0.000
Improved oral health (2016 or 2017)						
No		Reference			Reference	
Yes	1.60	[0.922, 2.769]	0.095	1.40	[0.874, 2.253]	0.161
Survey year*Improved oral health (2016 or 2017)						
2017 × Yes	0.77	[0.421, 1.421]	0.408			
Age (DW)						
19-34		Reference			Reference	
35-50	0.13	[0.065, 0.267]	0.000	0.13	[0.065, 0.267]	0.000
51-64	0.05	[0.020, 0.113]	0.000	0.05	[0.020, 0.113]	0.000
Gender (DW)						
Male		Reference			Reference	
Female	1.65	[1.005, 2.723]	0.048	1.65	[1.006, 2.721]	0.048
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	1.01	[0.545, 1.876]	0.973	1.01	[0.545, 1.877]	0.972
Hispanic	3.72	[1.164, 11.919]	0.027	3.72	[1.162, 11.912]	0.027
Other, non-Hispanic	1.77	[0.676, 4.621]	0.245	1.77	[0.677, 4.612]	0.245
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	20.32	[8.810, 46.863]	0.000	20.23	[8.775, 46.629]	0.000
100%+	36.07	[14.263, 91.208]	0.000	35.89	[14.204, 90.681]	0.000
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	5.25	[2.848, 9.668]	0.000	5.24	[2.841, 9.648]	0.000
Bachelor's/post graduate degree	7.04	[2.917, 17.010]	0.000	7.02	[2.909, 16.925]	0.000
Constant	0.19	[0.087, 0.407]	0.000	0.20	[0.093, 0.430]	0.000
Respondent	1284200.07	[454.660, 3.627e+09]	0.001	1234385.88	[442.795, 3.441e+09]	0.001
N	3,116			3,116		
F-value	6.490			6.927		
Model degrees of freedom	13.000			12.000		
Residual degrees of freedom	1,550.000			1,550.000		
F-value significance	0.000			0.000		

Notes: Mixed effects logistic regression. Improved oral health in this table was defined as respondents who reported in either 2016 or 2017 that their oral health got better in the past year. Variables are from both survey years unless otherwise noted.

* Includes interaction term

0.3.15 Interaction between employment and/or student (change 2016-2017) and improved oral health (2016 or 2017), among respondents with a substance use disorder

	Employed/self-employed and/or student*			Employed/self-employed and/or student		
	aOR	95% CI	p-value	aOR	95% CI	p-value
Survey year						
2016		Reference			Reference	
2017	3.18	[1.689, 5.993]	0.000	2.81	[1.754, 4.494]	0.000
Improved oral health (2016 or 2017)						
No		Reference			Reference	
Yes	0.59	[0.240, 1.468]	0.259	0.52	[0.239, 1.117]	0.093
Survey year*Improved oral health (2016 or 2017)						
2017 × Yes	0.77	[0.281, 2.092]	0.604			
Age (DW)						
19-34		Reference			Reference	
35-50	0.20	[0.067, 0.607]	0.004	0.20	[0.067, 0.609]	0.005
51-64	0.08	[0.021, 0.267]	0.000	0.08	[0.022, 0.268]	0.000
Gender (DW)						
Male		Reference			Reference	
Female	1.58	[0.720, 3.475]	0.253	1.58	[0.721, 3.467]	0.252
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	2.59	[0.990, 6.779]	0.052	2.58	[0.989, 6.748]	0.053
Hispanic	3.05	[0.436, 21.305]	0.261	3.02	[0.431, 21.173]	0.265
Other, non-Hispanic	2.49	[0.708, 8.736]	0.155	2.47	[0.708, 8.643]	0.155
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	23.45	[6.170, 89.129]	0.000	23.21	[6.162, 87.447]	0.000
100%+	22.62	[5.428, 94.231]	0.000	22.35	[5.416, 92.280]	0.000
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	2.61	[1.144, 5.956]	0.023	2.60	[1.142, 5.922]	0.023
Bachelor's/post graduate degree	13.16	[2.566, 67.510]	0.002	13.02	[2.556, 66.298]	0.002
Constant	0.16	[0.044, 0.613]	0.007	0.18	[0.050, 0.632]	0.008
Respondent	552062.76	[14.464, 2.107e+10]	0.014	495734.77	[14.645, 1.678e+10]	0.014
N	1,206			1,206		
F-value	3.517			3.759		
Model degrees of freedom	13.000			12.000		
Residual degrees of freedom	592.000			592.000		
F-value significance	0.000			0.000		

Notes: Mixed effects logistic regression. Improved oral health in this table was defined as respondents who reported in either 2016 or 2017 that their oral health got better in the past year. Variables are from both survey years unless otherwise noted.

* Includes interaction term

0.4 Employment (change 2016-2017)

0.4.1 Employment (2016, 2017, change 2016-2017) by follow-up group and demographic characteristics (2017), among all respondents

	Employed/self-employed								Delta Percent
	Percent	2016 SE	95%CI	N	Percent	2017 SE	95%CI	N	
Follow-up group									
Still enrolled	47.5	0.01	[45.0, 50.1]	2,379	55.4	0.01	[52.9, 57.9]	2,385	7.9
No longer enrolled	52.4	0.02	[47.8, 57.0]	709	62.9	0.02	[58.6, 67.3]	708	10.5
Age (DW)									
19-34	56.9	0.02	[52.8, 60.9]	905	67.5	0.02	[63.6, 71.3]	907	10.6
35-50	48.6	0.02	[44.7, 52.5]	966	56.8	0.02	[52.9, 60.7]	968	8.2
51-64	38.1	0.02	[34.8, 41.3]	1,217	43.9	0.02	[40.5, 47.3]	1,218	5.8
Gender (DW)									
Male	45.6	0.02	[42.0, 49.1]	1,226	56.6	0.02	[53.2, 60.1]	1,229	11.0
Female	51.5	0.01	[48.6, 54.3]	1,862	57.6	0.01	[54.8, 60.4]	1,864	6.1
Race/ethnicity (2016)									
White, non-Hispanic	49.0	0.01	[46.2, 51.7]	2,055	54.9	0.01	[52.2, 57.7]	2,058	5.9
Black, non-Hispanic	46.0	0.02	[41.2, 50.8]	631	58.6	0.02	[53.8, 63.3]	630	12.6
Hispanic	61.9	0.05	[52.1, 71.7]	138	71.1	0.04	[62.7, 79.4]	138	9.2
Other, non-Hispanic	50.0	0.04	[41.9, 58.1]	228	61.8	0.04	[54.0, 69.5]	228	11.8
FPL category (DW)									
0-35%	31.9	0.02	[28.4, 35.4]	1,212	43.9	0.02	[40.3, 47.5]	1,216	12.0
36-99%	65.7	0.02	[62.4, 69.0]	1,082	70.8	0.02	[67.8, 73.9]	1,082	5.1
100%+	68.9	0.02	[65.1, 72.7]	794	72.8	0.02	[69.3, 76.3]	795	3.9
Region (DW)									
UP/NW/NE	52.3	0.02	[47.8, 56.7]	574	56.2	0.02	[51.7, 60.6]	574	3.9
W/E Central/E	45.7	0.02	[42.3, 49.1]	975	54.9	0.02	[51.4, 58.4]	979	9.2
S Central/SW/SE	51.7	0.02	[47.3, 56.0]	633	60.1	0.02	[55.8, 64.4]	633	8.4
Detroit Metro	48.7	0.02	[44.7, 52.7]	906	57.6	0.02	[53.7, 61.6]	907	8.9

Notes: Survey items assessing employment and student status differed between 2016 and 2017 as follows. In 2016, a single item asked "What is your current job status. Are you currently...?", with respondents asked to select only one response option: employed/self-employed, out of work (≥ 1 year), out of work (< 1 year), homemaker, student, retired, or unable to work. In 2017, items were asked separately: a) "Are you currently in school?" (yes/no); b) "Are you currently employed or self-employed?" (yes/no).

0.4.2 Employment (2016, 2017, change 2016-2017), among all respondents and various subgroups

	Percent	Employed/self-employed				N	Delta Percent
		2016 95%CI	Percent	2017 95%CI	Percent		
All respondents^a							
Employed/self-employed	48.7	[46.5, 50.9]	1,555	57.1	[55.0, 59.3]	1,742	8.4
Not employed/self-employed	51.3	[49.1, 53.5]	1,533	42.9	[40.7, 45.0]	1,351	
Among respondents still enrolled^b							
Employed/self-employed	47.5	[45.0, 50.1]	1,181	55.4	[52.8, 57.9]	1,319	7.9
Not employed/self-employed	52.5	[49.9, 55.0]	1,198	44.6	[42.1, 47.2]	1,066	
Among respondents no longer enrolled^c							
Employed/self-employed	52.4	[47.8, 57.0]	374	62.9	[58.5, 67.2]	423	10.6
Not employed/self-employed	47.6	[43.0, 52.2]	335	37.1	[32.8, 41.5]	285	
Among respondents with a chronic condition (2016 or 2017 survey and/or DW)^d							
Employed/self-employed	45.6	[43.2, 48.1]	1,161	53.1	[50.6, 55.6]	1,280	7.5
Not employed/self-employed	54.4	[51.9, 56.8]	1,300	46.9	[44.4, 49.4]	1,187	
Among respondents with a mental health condition and/or substance use disorder (DW)^e							
Employed/self-employed	42.8	[40.0, 45.8]	777	50.5	[47.5, 53.4]	875	7.7
Not employed/self-employed	57.2	[54.2, 60.0]	967	49.5	[46.6, 52.5]	873	
Among respondents with a mental health condition (DW)^f							
Employed/self-employed	41.6	[38.6, 44.7]	688	48.8	[45.7, 51.9]	778	7.2
Not employed/self-employed	58.4	[55.3, 61.4]	889	51.2	[48.1, 54.3]	803	
Among respondents with a substance use disorder (DW)^g							
Employed/self-employed	34.2	[29.8, 38.9]	231	45.1	[40.2, 50.1]	272	10.9
Not Employed/self-employed	65.8	[61.1, 70.2]	384	54.9	[49.9, 59.8]	344	

Notes: Survey items assessing employment and student status differed between 2016 and 2017 as follows. In 2016, a single item asked "What is your current job status. Are you currently...?", with respondents asked to select only one response option: employed/self-employed, out of work (>= 1 year), out of work (< 1 year), homemaker, student, retired, or unable to work. In 2017, items were asked separately: a) "Are you currently in school?" (yes/no); b) "Are you currently employed or self-employed?" (yes/no).

^a Mixed effects logistic regression results, $F(1, 3,085) = 52.2, p < 0.0001$; Employed/self-employed in 2017 OR = 2.22, $p < 0.001$, 95% CI (1.8, 2.8)

^b Mixed effects logistic regression results, $F(1, 2,376) = 33.15, p < 0.0001$; Employed/self-employed in 2017 OR = 2.10, $p < 0.001$, 95% CI (1.6, 2.7)

^c Mixed effects logistic regression results, $F(1, 697) = 21.71, p < 0.0001$; Employed/self-employed in 2017 OR = 2.68, $p < 0.001$, 95% CI (1.8, 4.1)

^d Mixed effects logistic regression results, $F(1, 2,457) = 35.04, p < 0.0001$; Employed/self-employed in 2017 OR = 2.09, $p < 0.001$, 95% CI (1.6, 2.7)

^e Mixed effects logistic regression results, $F(1, 1,737) = 27.69, p < 0.0001$; Employed/self-employed in 2017 OR = 2.13, $p < 0.001$, 95% CI (1.6, 2.8)

^f Mixed effects logistic regression results, $F(1, 1,570) = 21.63, p < 0.0001$; Employed/self-employed in 2017 OR = 2.03, $p < 0.001$, 95% CI (1.5, 2.7)

^g Mixed effects logistic regression results, $F(1, 604) = 25.03, p < 0.0001$; Employed/self-employed in 2017 OR = 3.14, $p < 0.001$, 95% CI (2.0, 4.9)

0.4.3 Predictors of employment (change 2016-2017), among all respondents and respondents with a chronic condition

	Employed/self-employed			Employed/self-employed ^a		
	aOR	95% CI	p-value	aOR	95% CI	p-value
Survey year						
2016		Reference			Reference	
2017	2.13	[1.700, 2.672]	0.000	2.01	[1.556, 2.595]	0.000
Fair/poor health						
No		Reference			Reference	
Yes	0.25	[0.188, 0.345]	0.000	0.27	[0.190, 0.370]	0.000
Age (DW)						
19-34		Reference			Reference	
35-50	0.68	[0.448, 1.028]	0.068	0.70	[0.422, 1.162]	0.168
51-64	0.21	[0.139, 0.324]	0.000	0.20	[0.118, 0.334]	0.000
Gender (DW)						
Male		Reference			Reference	
Female	0.86	[0.620, 1.197]	0.374	0.88	[0.597, 1.286]	0.499
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	1.56	[1.054, 2.309]	0.026	1.83	[1.168, 2.879]	0.008
Hispanic	2.86	[1.339, 6.118]	0.007	2.83	[1.157, 6.927]	0.023
Other, non-Hispanic	1.31	[0.697, 2.470]	0.400	1.76	[0.806, 3.825]	0.157
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	14.78	[9.324, 23.440]	0.000	16.55	[9.438, 29.026]	0.000
100%+	16.87	[10.175, 27.975]	0.000	20.85	[11.118, 39.115]	0.000
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	1.54	[1.078, 2.199]	0.018	1.70	[1.118, 2.573]	0.013
Bachelor's/post graduate degree	2.22	[1.306, 3.765]	0.003	2.36	[1.252, 4.436]	0.008
Constant	0.45	[0.279, 0.720]	0.001	0.35	[0.193, 0.619]	0.000
Respondent	3348.90	[324.582, 34552.510]	0.000	17144.52	[587.219, 500553.973]	0.000
N	6,092			4,858		
F-value	22.439			16.322		
Model degrees of freedom	12.000			12.000		
Residual degrees of freedom	3,039.000			2,421.000		
F-value significance	0.000			0.000		

Notes: Mixed effects logistic regression. Variables are from both survey years unless otherwise noted. Survey items assessing employment and student status differed between 2016 and 2017 as follows. In 2016, a single item asked "What is your current job status. Are you currently...?", with respondents asked to select only one response option: employed/self-employed, out of work (>= 1 year), out of work (< 1 year), homemaker, student, retired, or unable to work. In 2017, items were asked separately: a) "Are you currently in school?" (yes/no); b) "Are you currently employed or self-employed?" (yes/no).

^a Analysis restricted to those with a chronic condition

0.4.4 Interaction between employment (change 2016-2017) and improved health (from 2016-2017), among all respondents and respondents with a chronic condition

	Employed/self-employed*			Employed/self-employed			Employed/self-employed**			Employed/self-employed ^a		
	aOR	95% CI	p-value	aOR	95% CI	p-value	aOR	95% CI	p-value	aOR	95% CI	p-value
Survey year												
2016		Reference			Reference			Reference			Reference	
2017	2.18	[1.704, 2.793]	0.000	2.24	[1.786, 2.813]	0.000	2.02	[1.524, 2.684]	0.000	2.12	[1.637, 2.736]	0.000
Improved health (from 2016-2017)												
No		Reference			Reference			Reference			Reference	
Yes	0.97	[0.489, 1.921]	0.929	1.10	[0.603, 2.022]	0.749	1.19	[0.560, 2.528]	0.651	1.44	[0.745, 2.771]	0.279
Survey year*Improved health (from 2016-2017)												
2017 × Yes	1.30	[0.770, 2.187]	0.327				1.46	[0.805, 2.646]	0.212			
Age (DW)												
19-34		Reference			Reference			Reference			Reference	
35-50	0.54	[0.356, 0.820]	0.004	0.54	[0.356, 0.820]	0.004	0.56	[0.341, 0.929]	0.024	0.56	[0.342, 0.928]	0.024
51-64	0.16	[0.104, 0.249]	0.000	0.16	[0.104, 0.249]	0.000	0.16	[0.092, 0.266]	0.000	0.16	[0.092, 0.267]	0.000
Gender (DW)												
Male		Reference			Reference			Reference			Reference	
Female	0.86	[0.620, 1.207]	0.394	0.87	[0.620, 1.208]	0.396	0.89	[0.606, 1.301]	0.541	0.89	[0.607, 1.302]	0.545
Race/ethnicity (2016)												
White, non-Hispanic		Reference			Reference			Reference			Reference	
Black, non-Hispanic	1.67	[1.117, 2.483]	0.012	1.67	[1.118, 2.482]	0.012	2.05	[1.298, 3.228]	0.002	2.05	[1.299, 3.225]	0.002
Hispanic	3.01	[1.394, 6.494]	0.005	3.00	[1.393, 6.481]	0.005	3.13	[1.266, 7.725]	0.013	3.12	[1.264, 7.693]	0.014
Other, non-Hispanic	1.35	[0.711, 2.578]	0.356	1.35	[0.711, 2.577]	0.356	1.85	[0.831, 4.113]	0.132	1.85	[0.832, 4.108]	0.132
FPL category (DW)												
0-35%		Reference			Reference			Reference			Reference	
36-99%	18.59	[11.237, 30.753]	0.000	18.52	[11.206, 30.621]	0.000	21.42	[11.452, 40.046]	0.000	21.26	[11.400, 39.645]	0.000
100%+	22.47	[13.019, 38.792]	0.000	22.39	[12.984, 38.624]	0.000	28.91	[14.460, 57.805]	0.000	28.70	[14.397, 57.198]	0.000
Highest level of education (2017)												
High school or less		Reference			Reference			Reference			Reference	
Associate's degree/some college	1.78	[1.237, 2.571]	0.002	1.78	[1.237, 2.570]	0.002	1.99	[1.303, 3.049]	0.001	1.99	[1.302, 3.046]	0.001
Bachelor's/post graduate degree	2.76	[1.621, 4.684]	0.000	2.75	[1.621, 4.681]	0.000	2.89	[1.570, 5.334]	0.001	2.89	[1.569, 5.329]	0.001
Constant	0.28	[0.173, 0.463]	0.000	0.28	[0.172, 0.457]	0.000	0.19	[0.105, 0.348]	0.000	0.19	[0.103, 0.340]	0.000
Respondent	11355.17	[650.583, 198191.289]	0.000	11048.69	[640.211, 190676.970]	0.000	73577.11	[1005.373, 5384658.620]	0.000	69247.02	[983.544, 4875380.960]	0.000
N	6,092			6,092			4,858			4,858		
F-value	16.078			17.007			11.161			11.809		
Model degrees of freedom	13.000			12.000			13.000			12.000		
Residual degrees of freedom	3,039.000			3,039.000			2,421.000			2,421.000		
F-value significance	0.000			0.000			0.000			0.000		

B46

Notes: Mixed effects logistic regression. Improved health was defined as respondents who reported fair/poor health in 2016 and no longer reported fair/poor health in 2017. Survey items assessing employment and student status differed between 2016 and 2017 as follows. In 2016, a single item asked "What is your current job status. Are you currently...?", with respondents asked to select only one response option: employed/self-employed, out of work (>= 1 year), out of work (< 1 year), homemaker, student, retired, or unable to work. In 2017, items were asked separately: a) "Are you currently in school?" (yes/no); b) "Are you currently employed or self-employed?" (yes/no). Variables are from both survey years unless otherwise noted.

^a Analysis restricted to those with a chronic condition

* Includes interaction term

0.4.5 Predictors of employment (change 2016-2017), among respondents with a mental health condition and/or substance use disorder, respondents with a mental health condition, and respondents with a substance use disorder

	Employed/self-employed ^a			Employed/self-employed ^b			Employed/self-employed ^c		
	aOR	95% CI	p-value	aOR	95% CI	p-value	aOR	95% CI	p-value
Survey year									
2016		Reference			Reference			Reference	
2017	2.02	[1.505, 2.724]	0.000	1.91	[1.401, 2.618]	0.000	3.12	[1.915, 5.088]	0.000
Fair/poor health									
No		Reference			Reference			Reference	
Yes	0.21	[0.142, 0.311]	0.000	0.23	[0.152, 0.341]	0.000	0.11	[0.056, 0.225]	0.000
Age (DW)									
19-34		Reference			Reference			Reference	
35-50	0.55	[0.314, 0.965]	0.037	0.50	[0.280, 0.884]	0.017	0.57	[0.230, 1.422]	0.229
51-64	0.22	[0.118, 0.398]	0.000	0.21	[0.113, 0.401]	0.000	0.28	[0.112, 0.709]	0.007
Gender (DW)									
Male		Reference			Reference			Reference	
Female	1.20	[0.759, 1.885]	0.439	1.27	[0.789, 2.060]	0.321	1.40	[0.674, 2.897]	0.368
Race/ethnicity (2016)									
White, non-Hispanic		Reference			Reference			Reference	
Black, non-Hispanic	1.36	[0.751, 2.460]	0.311	0.98	[0.527, 1.838]	0.959	1.93	[0.773, 4.813]	0.159
Hispanic	4.19	[1.398, 12.530]	0.011	3.80	[1.192, 12.123]	0.024	2.82	[0.435, 18.242]	0.276
Other, non-Hispanic	0.89	[0.369, 2.123]	0.785	0.95	[0.371, 2.416]	0.908	1.27	[0.394, 4.082]	0.690
FPL category (DW)									
0-35%		Reference			Reference			Reference	
36-99%	14.76	[7.902, 27.576]	0.000	14.14	[7.471, 26.776]	0.000	16.81	[5.823, 48.509]	0.000
100%+	14.59	[7.381, 28.834]	0.000	15.40	[7.588, 31.256]	0.000	11.62	[3.803, 35.514]	0.000
Highest level of education (2017)									
High school or less		Reference			Reference			Reference	
Associate's degree/some college	1.32	[0.822, 2.136]	0.248	1.66	[1.008, 2.733]	0.047	1.17	[0.569, 2.415]	0.667
Bachelor's/post graduate degree	1.93	[0.895, 4.140]	0.094	2.26	[1.017, 5.004]	0.045	2.19	[0.561, 8.526]	0.259
Constant	0.36	[0.189, 0.693]	0.002	0.30	[0.148, 0.590]	0.001	0.23	[0.079, 0.660]	0.006
Respondent	5508.09	[197.739, 153429.974]	0.000	3479.96	[124.695, 97117.548]	0.000	3214.30	[23.660, 436677.745]	0.001
N	3,446			3,120			1,208		
F-value	12.702			11.933			5.633		
Model degrees of freedom	12.000			12.000			12.000		
Residual degrees of freedom	1,713.000			1,550.000			592.000		
F-value significance	0.000			0.000			0.000		

Notes: Mixed effects logistic regression. Survey items assessing employment and student status differed between 2016 and 2017 as follows. In 2016, a single item asked "What is your current job status. Are you currently...?", with respondents asked to select only one response option: employed/self-employed, out of work (>= 1 year), out of work (< 1 year), homemaker, student, retired, or unable to work. In 2017, items were asked separately: a) "Are you currently in school?" (yes/no); b) "Are you currently employed or self-employed?" (yes/no). Variables are from both survey years unless otherwise noted.

^a Analysis restricted to those with a mental health condition and/or substance use disorder

^b Analysis restricted to those with a mental health condition

^c Analysis restricted to those with a substance use disorder

0.4.6 Interaction between employment (change 2016-2017) and improved health (from 2016-2017), among respondents with a mental health condition and/or substance use disorder and respondents with a mental health condition

	Employed/self-employed ^{a*}			Employed/self-employed ^a			Employed/self-employed ^{b*}			Employed/self-employed ^b		
	aOR	95% CI	p-value	aOR	95% CI	p-value	aOR	95% CI	p-value	aOR	95% CI	p-value
Survey year												
2016		Reference			Reference			Reference			Reference	
2017	2.05	[1.482, 2.828]	0.000	2.17	[1.617, 2.920]	0.000	1.95	[1.384, 2.738]	0.000	2.07	[1.512, 2.825]	0.000
Improved health (from 2016-2017)												
No		Reference			Reference			Reference			Reference	
Yes	1.01	[0.416, 2.463]	0.979	1.31	[0.607, 2.814]	0.493	0.97	[0.373, 2.542]	0.956	1.26	[0.551, 2.889]	0.581
Survey year*Improved health (from 2016-2017)												
2017 × Yes	1.66	[0.816, 3.368]	0.162				1.66	[0.781, 3.533]	0.187			
Age (DW)												
19-34		Reference			Reference			Reference			Reference	
35-50	0.43	[0.244, 0.760]	0.004	0.43	[0.245, 0.761]	0.004	0.40	[0.226, 0.713]	0.002	0.40	[0.227, 0.714]	0.002
51-64	0.15	[0.080, 0.282]	0.000	0.15	[0.080, 0.284]	0.000	0.15	[0.080, 0.291]	0.000	0.15	[0.080, 0.293]	0.000
Gender (DW)												
Male		Reference			Reference			Reference			Reference	
Female	1.25	[0.791, 1.989]	0.335	1.25	[0.792, 1.986]	0.335	1.36	[0.836, 2.206]	0.216	1.36	[0.837, 2.202]	0.216
Race/ethnicity (2016)												
White, non-Hispanic		Reference			Reference			Reference			Reference	
Black, non-Hispanic	1.36	[0.745, 2.484]	0.316	1.36	[0.746, 2.481]	0.315	0.91	[0.487, 1.700]	0.768	0.91	[0.489, 1.702]	0.772
Hispanic	4.42	[1.407, 13.868]	0.011	4.39	[1.403, 13.762]	0.011	3.83	[1.141, 12.855]	0.030	3.82	[1.140, 12.784]	0.030
Other, non-Hispanic	0.86	[0.357, 2.069]	0.735	0.86	[0.358, 2.065]	0.734	0.90	[0.352, 2.319]	0.832	0.90	[0.353, 2.313]	0.832
FPL category (DW)												
0-35%		Reference			Reference			Reference			Reference	
36-99%	20.47	[9.953, 42.090]	0.000	20.23	[9.881, 41.416]	0.000	19.26	[9.304, 39.855]	0.000	19.05	[9.239, 39.286]	0.000
100%+	22.79	[10.562, 49.170]	0.000	22.53	[10.488, 48.413]	0.000	23.25	[10.600, 51.020]	0.000	23.01	[10.524, 50.299]	0.000
Highest level of education (2017)												
High school or less		Reference			Reference			Reference			Reference	
Associate's degree/some college	1.60	[0.980, 2.616]	0.060	1.60	[0.979, 2.610]	0.061	2.03	[1.216, 3.391]	0.007	2.03	[1.214, 3.380]	0.007
Bachelor's/post graduate degree	2.52	[1.161, 5.480]	0.019	2.52	[1.159, 5.470]	0.020	2.96	[1.316, 6.655]	0.009	2.95	[1.313, 6.635]	0.009
Constant	0.18	[0.088, 0.353]	0.000	0.17	[0.086, 0.343]	0.000	0.14	[0.069, 0.301]	0.000	0.14	[0.067, 0.293]	0.000
Respondent	37975.13	[419.438, 3438193.610]	0.000	34536.18	[402.865, 2960667.219]	0.000	17876.67	[235.559, 1356667.548]	0.000	16437.85	[226.471, 1193099.500]	0.000
N	3,446			3,446			3,120			3,120		
F-value	8.424			8.815			7.966			8.326		
Model degrees of freedom	13.000			12.000			13.000			12.000		
Residual degrees of freedom	1,713.000			1,713.000			1,550.000			1,550.000		
F-value significance	0.000			0.000			0.000			0.000		

B48

Notes: Mixed effects logistic regression. Improved health was defined as respondents who reported fair/poor health in 2016 and no longer reported fair/poor health in 2017. Survey items assessing employment and student status differed between 2016 and 2017 as follows. In 2016, a single item asked "What is your current job status. Are you currently...?", with respondents asked to select only one response option: employed/self-employed, out of work (≥ 1 year), out of work (< 1 year), homemaker, student, retired, or unable to work. In 2017, items were asked separately: a) "Are you currently in school?" (yes/no); b) "Are you currently employed or self-employed?" (yes/no). Variables are from both survey years unless otherwise noted.

^a Analysis restricted to those with a mental health condition and/or substance use disorder

^b Analysis restricted to those with a mental health condition

* Includes interaction term

0.4.7 Interaction between employment (change 2016-2017) and improved health (from 2016-2017), among respondents with a substance use disorder

	Employed/self-employed ^{a*}			Employed/self-employed ^a		
	aOR	95% CI	p-value	aOR	95% CI	p-value
Survey year						
2016		Reference			Reference	
2017	3.08	[1.844, 5.144]	0.000	3.25	[2.027, 5.210]	0.000
Improved health (from 2016-2017)						
No		Reference			Reference	
Yes	0.35	[0.091, 1.379]	0.134	0.47	[0.167, 1.330]	0.155
Survey year*Improved health (from 2016-2017)						
2017 × Yes	1.63	[0.460, 5.803]	0.447			
Age (DW)						
19-34		Reference			Reference	
35-50	0.39	[0.144, 1.069]	0.067	0.39	[0.145, 1.067]	0.067
51-64	0.15	[0.050, 0.428]	0.000	0.15	[0.051, 0.429]	0.000
Gender (DW)						
Male		Reference			Reference	
Female	1.37	[0.640, 2.929]	0.417	1.37	[0.639, 2.918]	0.421
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	2.39	[0.911, 6.286]	0.076	2.39	[0.913, 6.268]	0.076
Hispanic	3.87	[0.536, 27.987]	0.179	3.86	[0.541, 27.517]	0.177
Other, non-Hispanic	2.08	[0.588, 7.387]	0.255	2.09	[0.594, 7.370]	0.250
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	26.07	[7.210, 94.302]	0.000	25.78	[7.216, 92.066]	0.000
100%+	20.02	[5.283, 75.839]	0.000	19.82	[5.294, 74.227]	0.000
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	1.47	[0.682, 3.156]	0.326	1.47	[0.682, 3.153]	0.327
Bachelor's/post graduate degree	3.67	[0.882, 15.312]	0.074	3.67	[0.878, 15.336]	0.075
Constant	0.09	[0.029, 0.314]	0.000	0.09	[0.028, 0.307]	0.000
Respondent	68719.56	[25.931, 1.821e+08]	0.006	62997.33	[27.644, 1.436e+08]	0.005
N	1,208			1,208		
F-value	3.927			4.278		
Model degrees of freedom	13.000			12.000		
Residual degrees of freedom	592.000			592.000		
F-value significance	0.000			0.000		

Notes: Mixed effects logistic regression. Improved health was defined as respondents who reported fair/poor health in 2016 and no longer reported fair/poor health in 2017. Survey items assessing employment and student status differed between 2016 and 2017 as follows. In 2016, a single item asked "What is your current job status. Are you currently...?", with respondents asked to select only one response option: employed/self-employed, out of work (≥ 1 year), out of work (< 1 year), homemaker, student, retired, or unable to work. In 2017, items were asked separately: a) "Are you currently in school?" (yes/no); b) "Are you currently employed or self-employed?" (yes/no). Variables are from both survey years unless otherwise noted.

^a Analysis restricted to those with a substance use disorder

* Includes interaction term

0.4.8 Employment (2016, 2017, change 2016-2017), among all respondents and various subgroups who reported improved oral health in 2016 or 2017

	Percent	2016 95%CI	Employed/self-employed		N	2017 95%CI	N	Delta Percent
			N	Percent				
Among all respondents who experienced improved oral health in either 2016 or 2017								
Employed/self-employed	49.9	[46.7, 53.1]	758	58.3		[55.1, 61.4]	845	8.4
Not employed/self-employed	50.1	[46.9, 53.3]	730	41.7		[38.6, 44.9]	647	
Among respondents with a chronic condition (2016 or 2017 survey and/or DW) who experienced improved oral health in either 2016 or 2017								
Employed/self-employed	45.7	[42.1, 49.4]	557	53.2		[49.6, 56.8]	616	7.5
Not employed/self-employed	54.3	[50.6, 57.9]	635	46.8		[43.2, 50.4]	581	
Among respondents with a mental health condition and/or substance use disorder (DW) who experienced improved oral health in either 2016 or 2017								
Employed/self-employed	45.3	[41.1, 49.5]	387	51.1		[46.9, 55.3]	431	5.8
Not employed/self-employed	54.7	[50.5, 58.9]	474	48.9		[44.7, 53.1]	434	
Among respondents with a mental health condition (DW) who experienced improved oral health in either 2016 or 2017								
Employed/self-employed	45.3	[41.0, 49.8]	348	50.0		[45.6, 54.3]	387	4.7
Not employed/self-employed	54.7	[50.2, 59.0]	437	50.0		[45.7, 54.4]	402	
Among respondents with a substance use disorder (DW) who experienced improved oral health in either 2016 or 2017								
Employed/self-employed	32.5	[26.5, 39.2]	102	41.4		[34.6, 48.5]	117	8.9
Not employed/self-employed	67.5	[60.8, 73.5]	191	58.6		[51.5, 65.4]	176	

Notes: Survey items assessing employment and student status differed between 2016 and 2017 as follows. In 2016, a single item asked "What is your current job status. Are you currently...?", with respondents asked to select only one response option: employed/self-employed, out of work (>= 1 year), out of work (< 1 year), homemaker, student, retired, or unable to work. In 2017, items were asked separately: a) "Are you currently in school?" (yes/no); b) "Are you currently employed or self-employed?" (yes/no).

0.4.9 Interaction between employment (change 2016-2017) and improved oral health (2016 or 2017), among all respondents

	Employed/self-employed*			Employed/self-employed		
	aOR	95% CI	p-value	aOR	95% CI	p-value
Survey year						
2016		Reference			Reference	
2017	2.22	[1.615, 3.039]	0.000	2.24	[1.786, 2.813]	0.000
Improved oral health (2016 or 2017)						
No		Reference			Reference	
Yes	1.35	[0.907, 2.001]	0.140	1.36	[0.981, 1.894]	0.065
Survey year*Improved oral health (2016 or 2017)						
2017 × Yes	1.02	[0.655, 1.603]	0.915			
Age (DW)						
19-34		Reference			Reference	
35-50	0.55	[0.359, 0.828]	0.004	0.55	[0.359, 0.828]	0.004
51-64	0.16	[0.104, 0.250]	0.000	0.16	[0.104, 0.250]	0.000
Gender (DW)						
Male		Reference			Reference	
Female	0.86	[0.613, 1.197]	0.364	0.86	[0.613, 1.196]	0.364
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	1.62	[1.084, 2.409]	0.018	1.62	[1.084, 2.409]	0.018
Hispanic	3.02	[1.394, 6.545]	0.005	3.02	[1.395, 6.546]	0.005
Other, non-Hispanic	1.34	[0.708, 2.537]	0.369	1.34	[0.708, 2.537]	0.369
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	18.38	[11.130, 30.349]	0.000	18.38	[11.128, 30.342]	0.000
100%+	22.71	[13.178, 39.151]	0.000	22.71	[13.177, 39.141]	0.000
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	1.79	[1.240, 2.570]	0.002	1.79	[1.240, 2.570]	0.002
Bachelor's/post graduate degree	2.81	[1.655, 4.784]	0.000	2.81	[1.655, 4.784]	0.000
Constant	0.25	[0.145, 0.420]	0.000	0.25	[0.146, 0.413]	0.000
Respondent	10807.63	[632.051, 184802.865]	0.000	10790.30	[631.398, 184401.291]	0.000
N	6,092			6,092		
F-value	15.790			17.111		
Model degrees of freedom	13.000			12.000		
Residual degrees of freedom	3,039.000			3,039.000		
F-value significance	0.000			0.000		

Notes: Mixed effects logistic regression. Improved oral health in this table was defined as respondents who reported in either 2016 or 2017 that their oral health got better in the past year. Survey items assessing employment and student status differed between 2016 and 2017 as follows. In 2016, a single item asked "What is your current job status. Are you currently...?", with respondents asked to select only one response option: employed/self-employed, out of work (≥ 1 year), out of work (< 1 year), homemaker, student, retired, or unable to work. In 2017, items were asked separately: a) "Are you currently in school?" (yes/no); b) "Are you currently employed or self-employed?" (yes/no). Variables are from both survey years unless otherwise noted.

* Includes interaction term

0.4.10 Interaction between employment (change 2016-2017) and improved oral health (2016 or 2017), among respondents with a chronic condition

	Employed/self-employed*			Employed/self-employed		
	aOR	95% CI	p-value	aOR	95% CI	p-value
Survey year						
2016		Reference			Reference	
2017	2.12	[1.510, 2.972]	0.000	2.12	[1.637, 2.736]	0.000
Improved oral health (2016 or 2017)						
No		Reference			Reference	
Yes	1.12	[0.708, 1.761]	0.636	1.12	[0.768, 1.619]	0.566
Survey year*Improved oral health (2016 or 2017)						
2017 × Yes	1.00	[0.596, 1.672]	0.995			
Age (DW)						
19-34		Reference			Reference	
35-50	0.57	[0.345, 0.944]	0.029	0.57	[0.345, 0.944]	0.029
51-64	0.16	[0.091, 0.267]	0.000	0.16	[0.091, 0.267]	0.000
Gender (DW)						
Male		Reference			Reference	
Female	0.89	[0.604, 1.301]	0.539	0.89	[0.604, 1.302]	0.539
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	2.01	[1.278, 3.173]	0.003	2.01	[1.278, 3.173]	0.003
Hispanic	3.14	[1.271, 7.778]	0.013	3.14	[1.271, 7.778]	0.013
Other, non-Hispanic	1.82	[0.824, 4.021]	0.138	1.82	[0.824, 4.021]	0.138
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	21.15	[11.340, 39.442]	0.000	21.15	[11.339, 39.445]	0.000
100%+	28.73	[14.427, 57.233]	0.000	28.73	[14.425, 57.239]	0.000
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	1.98	[1.295, 3.025]	0.002	1.98	[1.295, 3.024]	0.002
Bachelor's/post graduate degree	2.87	[1.550, 5.300]	0.001	2.87	[1.550, 5.299]	0.001
Constant	0.19	[0.098, 0.357]	0.000	0.19	[0.099, 0.354]	0.000
Respondent	70327.56	[988.190, 5005072.842]	0.000	70327.23	[988.072, 5005628.758]	0.000
N	4,858			4,858		
F-value	11.011			11.817		
Model degrees of freedom	13.000			12.000		
Residual degrees of freedom	2,421.000			2,421.000		
F-value significance	0.000			0.000		

Notes: Mixed effects logistic regression. Improved oral health in this table was defined as respondents who reported in either 2016 or 2017 that their oral health got better in the past year. Survey items assessing employment and student status differed between 2016 and 2017 as follows. In 2016, a single item asked "What is your current job status. Are you currently...?", with respondents asked to select only one response option: employed/self-employed, out of work (>= 1 year), out of work (< 1 year), homemaker, student, retired, or unable to work. In 2017, items were asked separately: a) "Are you currently in school?" (yes/no); b) "Are you currently employed or self-employed?" (yes/no). Variables are from both survey years unless otherwise noted.

* Includes interaction term

0.4.11 Interaction between employment (change 2016-2017) and improved oral health (2016 or 2017), among respondents with a mental health condition and/or substance use disorder

	Employed/self-employed*			Employed/self-employed		
	aOR	95% CI	p-value	aOR	95% CI	p-value
Survey year						
2016		Reference			Reference	
2017	2.58	[1.727, 3.841]	0.000	2.17	[1.617, 2.919]	0.000
Improved oral health (2016 or 2017)						
No		Reference			Reference	
Yes	1.60	[0.947, 2.702]	0.079	1.34	[0.858, 2.098]	0.197
Survey year*Improved oral health (2016 or 2017)						
2017 × Yes	0.71	[0.400, 1.260]	0.241			
Age (DW)						
19-34		Reference			Reference	
35-50	0.43	[0.245, 0.769]	0.004	0.43	[0.245, 0.769]	0.004
51-64	0.15	[0.079, 0.282]	0.000	0.15	[0.079, 0.283]	0.000
Gender (DW)						
Male		Reference			Reference	
Female	1.26	[0.795, 1.998]	0.325	1.26	[0.795, 1.997]	0.325
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	1.32	[0.724, 2.411]	0.363	1.32	[0.723, 2.408]	0.365
Hispanic	4.41	[1.411, 13.799]	0.011	4.39	[1.404, 13.734]	0.011
Other, non-Hispanic	0.87	[0.364, 2.087]	0.758	0.87	[0.365, 2.085]	0.759
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	19.95	[9.778, 40.708]	0.000	19.81	[9.703, 40.435]	0.000
100%+	22.85	[10.669, 48.946]	0.000	22.67	[10.585, 48.569]	0.000
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	1.58	[0.967, 2.571]	0.068	1.57	[0.967, 2.566]	0.068
Bachelor's/post graduate degree	2.52	[1.159, 5.469]	0.020	2.51	[1.158, 5.439]	0.020
Constant	0.14	[0.068, 0.301]	0.000	0.16	[0.075, 0.327]	0.000
Respondent	35581.66	[421.071, 3006745.731]	0.000	33817.08	[399.139, 2865157.297]	0.000
N	3,446			3,446		
F-value	8.550			8.855		
Model degrees of freedom	13.000			12.000		
Residual degrees of freedom	1,713.000			1,713.000		
F-value significance	0.000			0.000		

Notes: Mixed effects logistic regression. Improved oral health in this table was defined as respondents who reported in either 2016 or 2017 that their oral health got better in the past year. Survey items assessing employment and student status differed between 2016 and 2017 as follows. In 2016, a single item asked "What is your current job status. Are you currently...?", with respondents asked to select only one response option: employed/self-employed, out of work (>= 1 year), out of work (< 1 year), homemaker, student, retired, or unable to work. In 2017, items were asked separately: a) "Are you currently in school?" (yes/no); b) "Are you currently employed or self-employed?" (yes/no). Variables are from both survey years unless otherwise noted.

* Includes interaction term

0.4.12 Interaction between employment (change 2016-2017) and improved oral health (2016 or 2017), among respondents with a mental health condition

	Employed/self-employed*			Employed/self-employed		
	aOR	95% CI	p-value	aOR	95% CI	p-value
Survey year						
2016		Reference			Reference	
2017	2.65	[1.720, 4.071]	0.000	2.07	[1.511, 2.823]	0.000
Improved oral health (2016 or 2017)						
No		Reference			Reference	
Yes	1.98	[1.151, 3.409]	0.014	1.53	[0.964, 2.432]	0.071
Survey year*Improved oral health (2016 or 2017)						
2017 × Yes	0.61	[0.335, 1.100]	0.100			
Age (DW)						
19-34		Reference			Reference	
35-50	0.41	[0.227, 0.724]	0.002	0.41	[0.228, 0.725]	0.002
51-64	0.15	[0.079, 0.291]	0.000	0.15	[0.080, 0.293]	0.000
Gender (DW)						
Male		Reference			Reference	
Female	1.36	[0.835, 2.204]	0.218	1.35	[0.835, 2.198]	0.219
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	0.87	[0.466, 1.610]	0.649	0.87	[0.466, 1.610]	0.649
Hispanic	3.81	[1.142, 12.734]	0.030	3.78	[1.134, 12.621]	0.030
Other, non-Hispanic	0.92	[0.360, 2.331]	0.854	0.92	[0.362, 2.327]	0.856
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	18.73	[9.139, 38.371]	0.000	18.44	[8.996, 37.794]	0.000
100%+	23.41	[10.781, 50.849]	0.000	23.04	[10.608, 50.033]	0.000
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	2.00	[1.202, 3.338]	0.008	2.00	[1.199, 3.321]	0.008
Bachelor's/post graduate degree	2.96	[1.320, 6.647]	0.008	2.94	[1.317, 6.576]	0.009
Constant	0.10	[0.048, 0.229]	0.000	0.12	[0.055, 0.260]	0.000
Respondent	17105.77	[244.834, 1195127.808]	0.000	15422.99	[221.668, 1073085.544]	0.000
N	3,120			3,120		
F-value	8.276			8.379		
Model degrees of freedom	13.000			12.000		
Residual degrees of freedom	1,550.000			1,550.000		
F-value significance	0.000			0.000		

Notes: Mixed effects logistic regression. Improved oral health in this table was defined as respondents who reported in either 2016 or 2017 that their oral health got better in the past year. Survey items assessing employment and student status differed between 2016 and 2017 as follows. In 2016, a single item asked "What is your current job status. Are you currently...?", with respondents asked to select only one response option: employed/self-employed, out of work (>= 1 year), out of work (< 1 year), homemaker, student, retired, or unable to work. In 2017, items were asked separately: a) "Are you currently in school?" (yes/no); b) "Are you currently employed or self-employed?" (yes/no). Variables are from both survey years unless otherwise noted.

* Includes interaction term

0.4.13 Interaction between employment (change 2016-2017) and improved oral health (2016 or 2017), among respondents with a substance use disorder

	Employed/self-employed*			Employed/self-employed		
	aOR	95% CI	p-value	aOR	95% CI	p-value
Survey year						
2016		Reference			Reference	
2017	3.86	[1.989, 7.483]	0.000	3.25	[2.026, 5.205]	0.000
Improved oral health (2016 or 2017)						
No		Reference			Reference	
Yes	0.66	[0.266, 1.623]	0.362	0.54	[0.250, 1.153]	0.110
Survey year*Improved oral health (2016 or 2017)						
2017 × Yes	0.69	[0.254, 1.865]	0.462			
Age (DW)						
19-34		Reference			Reference	
35-50	0.38	[0.140, 1.032]	0.058	0.38	[0.141, 1.033]	0.058
51-64	0.15	[0.051, 0.429]	0.000	0.15	[0.051, 0.430]	0.000
Gender (DW)						
Male		Reference			Reference	
Female	1.28	[0.596, 2.745]	0.527	1.28	[0.598, 2.739]	0.524
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	2.55	[0.973, 6.696]	0.057	2.54	[0.970, 6.660]	0.058
Hispanic	3.58	[0.513, 25.054]	0.198	3.54	[0.507, 24.776]	0.202
Other, non-Hispanic	1.88	[0.526, 6.716]	0.331	1.87	[0.529, 6.616]	0.331
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	26.89	[7.483, 96.661]	0.000	26.60	[7.454, 94.903]	0.000
100%+	19.48	[5.144, 73.767]	0.000	19.23	[5.116, 72.281]	0.000
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	1.51	[0.701, 3.245]	0.293	1.50	[0.701, 3.229]	0.294
Bachelor's/post graduate degree	3.65	[0.863, 15.400]	0.078	3.62	[0.866, 15.111]	0.078
Constant	0.10	[0.028, 0.391]	0.001	0.11	[0.032, 0.410]	0.001
Respondent	64811.39	[28.900, 1.453e+08]	0.005	58573.39	[28.049, 1.223e+08]	0.005
N	1,208			1,208		
F-value	4.033			4.345		
Model degrees of freedom	13.000			12.000		
Residual degrees of freedom	592.000			592.000		
F-value significance	0.000			0.000		

Notes: Mixed effects logistic regression. Improved oral health in this table was defined as respondents who reported in either 2016 or 2017 that their oral health got better in the past year. Survey items assessing employment and student status differed between 2016 and 2017 as follows. In 2016, a single item asked "What is your current job status. Are you currently...?", with respondents asked to select only one response option: employed/self-employed, out of work (>= 1 year), out of work (< 1 year), homemaker, student, retired, or unable to work. In 2017, items were asked separately: a) "Are you currently in school?" (yes/no); b) "Are you currently employed or self-employed?" (yes/no). Variables are from both survey years unless otherwise noted.

* Includes interaction term

0.4.14 Employment (2016, 2017, change 2016-2017) sensitivity analyses

	Percent	Employed/self-employed				N	Delta Percent
		2016 95%CI	N	2017 95%CI	N		
All respondents^a							
Employed/self-employed	55.9	[53.5, 58.1]	1,555	60.2	[57.8, 62.4]	1,618	4.3
Not employed/self-employed	44.1	[41.9, 46.5]	1,104	39.8	[37.6, 42.2]	1,046	
All respondents^b							
Employed/self-employed	51.5	[49.3, 53.7]	1,555	56.8	[54.6, 59.0]	1,663	5.3
Not employed/self-employed	48.5	[46.3, 50.7]	1,409	43.2	[41.0, 45.4]	1,306	
All respondents^c							
Employed/self-employed	54.2	[52.0, 56.3]	1,679	57.1	[55.0, 59.3]	1,742	2.9
Not employed/self-employed	45.8	[43.7, 48.0]	1,409	42.9	[40.7, 45.0]	1,352	
All respondents^d							
Employed/self-employed	52.2	[50.0, 54.3]	1,634	57.1	[55.0, 59.3]	1,742	4.9
Not employed/self-employed	47.8	[45.7, 50.0]	1,454	42.9	[40.7, 45.0]	1,351	
All respondents^e							
Employed/self-employed	48.7	[46.5, 50.9]	1,555	53.5	[51.3, 55.7]	1,672	4.8
Not employed/self-employed	51.3	[49.1, 53.5]	1,533	46.5	[44.3, 48.7]	1,421	

Notes: Survey items assessing employment and student status differed between 2016 and 2017 as follows. In 2016, a single item asked "What is your current job status. Are you currently...?", with respondents asked to select only one response option: employed/self-employed, out of work (≥ 1 year), out of work (< 1 year), homemaker, student, retired, or unable to work. In 2017, items were asked separately: a) "Are you currently in school?" (yes/no); b) "Are you currently employed or self-employed?" (yes/no).

^a Analysis excludes those who answered homemaker, student, or retired to the employment question in 2016; Mixed effects logistic regression results, $F(1, 2,656) = 12.75, p = 0.0004$; Employed/self-employed in 2017 OR = 1.54, $p < 0.001$, 95% CI (1.2, 2.0)

^b Analysis excludes those who answered student to the employment question in 2016; Mixed effects logistic regression results, $F(1, 3,085) = 22.90, p < 0.0001$; Employed/self-employed in 2017 OR = 1.74, $p < 0.001$, 95% CI (1.4, 2.2)

^c Analysis assumes those who answered student to employment question in 2016 are employed in 2016; Mixed effects logistic regression results, $F(1, 3,085) = 6.60, p = 0.0102$; Employed/self-employed in 2017 OR = 1.33, $p = 0.010$, 95% CI (1.1, 1.7)

^d Analysis assumes those who answered student to employment question in 2016 are employed in 2016 if they answered being employed in 2017; Mixed effects logistic regression results, $F(1, 3,085) = 21.64, p < 0.0001$; Employed/self-employed in 2017 OR = 1.71, $p < 0.001$, 95% CI (1.4, 2.1)

^e Analysis recodes those who answered student in 2017 to not employed in 2017 if they indicated they were a full-time student with part-time employment in 2017; Mixed effects logistic regression results, $F(1, 3,085) = 17.93, p < 0.0001$; Employed/self-employed in 2017 OR = 1.57, $p < 0.001$, 95% CI (1.3, 1.9)

0.5 Employment status, detailed (2017)

0.5.1 Employment status, detailed (2017) by employment status detailed (2016), among all respondents

	Employed/self-employed		Out of work		Employment, detailed (2017) Unable to work		Retired		Not looking for work at this time		Total
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%
Employment, detailed (2016)											
Employed/self-employed (n=1,538)	86.2	[83.7, 88.4]	8.2	[6.5, 10.4]	2.5	[1.8, 3.5]	0.7	[0.4, 1.3]	2.3	[1.4, 3.9]	100.0
Out of work (n=717)	34.3	[29.9, 39.1]	29.3	[25.3, 33.7]	25.4	[21.8, 29.5]	2.7	[1.8, 4.1]	8.2	[6.3, 10.7]	100.0
Unable to work (n=369)	10.7	[7.6, 14.9]	7.0	[4.5, 10.9]	74.8	[69.2, 79.8]	3.0	[1.7, 5.2]	4.4	[2.3, 8.2]	100.0
Retired (n=138)	14.2	[7.2, 26.3]	1.6	[0.4, 6.3]	6.1	[3.0, 11.8]	73.2	[61.7, 82.3]	4.9	[1.7, 12.9]	100.0
Homemaker ^a (n=163)	18.4	[12.1, 27.0]	10.3	[6.5, 15.9]	15.7	[9.6, 24.6]	3.2	[1.6, 6.4]	52.4	[42.8, 61.8]	100.0
Student ^b (n=123)	63.6	[52.5, 73.5]	18.5	[11.7, 28.0]	4.0	[1.7, 9.5]	0.0		13.8	[7.4, 24.4]	100.0
Total (n=3,064)	57.3	[55.1, 59.4]	14.4	[12.8, 16.1]	17.6	[16.1, 19.3]	3.6	[3.0, 4.3]	7.1	[6.0, 8.4]	100.0

Note: This table shows row percents.

^a This response option was not included in the 2017 survey

^b In 2016, student status was included as a response option to the employment question "What is your current job status. Are you currently...?" while in 2017, student status was asked as a separate question "Are you currently in school?"

	Employed/self-employed		Out of work		Employment, detailed (2017) Unable to work		Retired		Not looking for work at this time		Total	
	Cell%	95%CI	Cell%	95%CI	Cell%	95%CI	Cell%	95%CI	Cell%	95%CI	Cell%	95%CI
Employment, detailed (2016)												
Employed/self-employed (n=1,538)	42.1	[40.0, 44.3]	4.0	[3.2, 5.1]	1.2	[0.9, 1.7]	0.4	[0.2, 0.6]	1.1	[0.7, 1.9]	48.8	[46.7, 51.0]
Out of work (n=717)	9.2	[7.8, 10.8]	7.9	[6.7, 9.3]	6.8	[5.8, 8.0]	0.7	[0.5, 1.1]	2.2	[1.7, 2.9]	26.9	[24.9, 29.0]
Unable to work (n=369)	1.2	[0.9, 1.7]	0.8	[0.5, 1.3]	8.5	[7.4, 9.8]	0.3	[0.2, 0.6]	0.5	[0.3, 1.0]	11.4	[10.1, 12.8]
Retired (n=138)	0.4	[0.2, 0.8]	0.0	[0.0, 0.2]	0.2	[0.1, 0.3]	2.1	[1.6, 2.7]	0.1	[0.0, 0.4]	2.9	[2.3, 3.5]
Homemaker ^a (n=163)	0.8	[0.5, 1.3]	0.5	[0.3, 0.7]	0.7	[0.4, 1.2]	0.1	[0.1, 0.3]	2.4	[1.8, 3.1]	4.5	[3.7, 5.5]
Student ^b (n=123)	3.5	[2.7, 4.6]	1.0	[0.6, 1.6]	0.2	[0.1, 0.5]	0.0		0.8	[0.4, 1.5]	5.5	[4.5, 6.8]
Total (n=3,064)	57.3	[55.1, 59.4]	14.4	[12.8, 16.1]	17.6	[16.1, 19.3]	3.6	[3.0, 4.3]	7.1	[6.0, 8.4]	100.0	

Note: This table presents the same data as above using cell percents.

^a This response option was not included in the 2017 survey

^b In 2016, student status was included as a response option to the employment question "What is your current job status. Are you currently...?" while in 2017, student status was asked as a separate question "Are you currently in school?"

0.6 Positive employment-related outcome (2017)

0.6.1 Positive employment-related outcome (2017) by improved health (from 2016-2017), among all respondents

	Positive employment-related outcome (2017)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Improved health (from 2016-2017)					
Yes (n=241)	67.6	[59.4, 74.9]	32.4	[25.1, 40.6]	100.0
No (n=1,915)	60.1	[57.1, 62.9]	39.9	[37.1, 42.9]	100.0
Pearson: Uncorrected chi2(1) =	5.3239				
Design-based F(1.00, 2144.00) =	2.9456	Pr =	0.086		
Total (n=2,156)	60.9	[58.2, 63.6]	39.1	[36.4, 41.8]	100.0

Notes: χ^2 test of independence. Positive employment-related outcome was defined as a "yes" response to any of the following survey items from the 2017 enrollee follow-up survey: "the Healthy Michigan Plan helped me do a better job at work", "the Healthy Michigan Plan helped me get a better job", or "the Healthy Michigan Plan has made me better able to look for a job". Improved health was defined as respondents who reported fair/poor health in 2016 and no longer reported fair/poor health in 2017.

0.6.2 Positive employment-related outcome (2017) by improved health (from 2016-2017), among respondents with a chronic condition

	Positive employment-related outcome (2017)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Improved health (from 2016-2017)					
Yes (n=209)	70.6	[61.5, 78.2]	29.4	[21.8, 38.5]	100.0
No (n=1,403)	62.4	[59.0, 65.8]	37.6	[34.2, 41.0]	100.0
Pearson: Uncorrected chi2(1) =	7.7283				
Design-based F(1.00, 2228.00) =	2.8222	Pr =	0.093		
Total (n=1,612)	63.6	[60.4, 66.7]	36.4	[33.3, 39.6]	100.0

Notes: χ^2 test of independence. Positive employment-related outcome was defined as a "yes" response to any of the following survey items from the 2017 enrollee follow-up survey: "the Healthy Michigan Plan helped me do a better job at work", "the Healthy Michigan Plan helped me get a better job", or "the Healthy Michigan Plan has made me better able to look for a job". Improved health was defined as respondents who reported fair/poor health in 2016 and no longer reported fair/poor health in 2017.

0.6.3 Predictors of positive employment-related outcome (2017), among all respondents and respondents with a chronic condition

	Positive employment-related outcome (2017)			Positive employment-related outcome (2017) ^a		
	aOR	95% CI	p-value	aOR	95% CI	p-value
New chronic condition diagnosis in 2017 (from 2016-2017 survey and/or DW)						
No		Reference			Reference	
Yes	0.87	[0.621, 1.206]	0.393	0.84	[0.604, 1.173]	0.309
Number of chronic conditions (DW)	1.06	[0.967, 1.160]	0.217	0.96	[0.856, 1.077]	0.490
Age (DW)						
19-34		Reference			Reference	
35-50	1.19	[0.902, 1.580]	0.216	1.21	[0.861, 1.706]	0.271
51-64	1.62	[1.202, 2.177]	0.002	1.68	[1.188, 2.368]	0.003
Gender (DW)						
Male		Reference			Reference	
Female	1.02	[0.803, 1.298]	0.864	1.00	[0.750, 1.332]	0.996
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	1.35	[1.013, 1.789]	0.040	1.28	[0.919, 1.786]	0.143
Hispanic	0.94	[0.571, 1.562]	0.824	0.79	[0.417, 1.487]	0.461
Other, non-Hispanic	1.62	[1.057, 2.491]	0.027	1.91	[1.084, 3.368]	0.025
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	1.22	[0.929, 1.609]	0.151	1.34	[0.970, 1.858]	0.076
100%+	1.00	[0.753, 1.320]	0.984	1.24	[0.885, 1.735]	0.211
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	1.04	[0.811, 1.345]	0.735	1.15	[0.848, 1.550]	0.373
Bachelor's/post graduate degree	1.45	[1.023, 2.062]	0.037	1.28	[0.829, 1.970]	0.266
Constant	0.97	[0.702, 1.350]	0.874	1.19	[0.767, 1.857]	0.434
N	2,130			1,592		
F-value	2.293			1.581		
Model degrees of freedom	12.000			12.000		
Residual degrees of freedom	2,118.000			1,580.000		
F-value significance	0.007			0.090		

Notes: Multiple logistic regression. Positive employment-related outcome was defined as a "yes" response to any of the following survey items from the 2017 enrollee follow-up survey: "the Healthy Michigan Plan helped me do a better job at work", "the Healthy Michigan Plan helped me get a better job", or "the Healthy Michigan Plan has made me better able to look for a job". New chronic condition diagnosis in 2017 was defined as a new diagnosis of asthma, arthritis, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke in 2017 as indicated by self-report and/or data warehouse when there was no diagnosis present 2 years or 1 year before enrollment as indicated by self-report and/or data warehouse.

^a Analysis restricted to those with a chronic condition

0.7 HMP helped me do a better job at work (2017)

0.7.1 HMP helped me do a better job at work (2017) by improved health (from 2016-2017), among all respondents

	Row%	HMP helped me do a better job at work (2017)			
		95%CI	Row%	95%CI	Row%
Improved health (from 2016-2017)					
Yes (n=158)	78.1	[67.3, 86.0]	21.9	[14.0, 32.7]	100.0
No (n=1,335)	77.0	[73.9, 79.9]	23.0	[20.1, 26.1]	100.0
Pearson: Uncorrected chi2(1) =	0.0950				
Design-based F(1.00, 1481.00) =	0.0429	Pr =	0.836		
Total (n=1,493)	77.1	[74.2, 79.8]	22.9	[20.2, 25.8]	100.0

Notes: χ^2 test of independence. Improved health was defined as respondents who reported fair/poor health in 2016 and no longer reported fair/poor health in 2017. For HMP helped me do a better job at work, respondents who answered "N/A" were excluded from the analysis.

0.7.2 HMP helped me do a better job at work (2017) by improved health (from 2016-2017), among respondents with a chronic condition

	Row%	HMP helped me do a better job at work (2017)			
		95%CI	Row%	95%CI	Row%
Improved health (from 2016-2017)					
Yes (n=139)	79.5	[67.7, 87.8]	20.5	[12.2, 32.3]	100.0
No (n=985)	79.0	[75.3, 82.2]	21.0	[17.8, 24.7]	100.0
Pearson: Uncorrected chi2(1) =	0.0372				
Design-based F(1.00, 1740.00) =	0.0097	Pr =	0.921		
Total (n=1,124)	79.1	[75.6, 82.1]	20.9	[17.9, 24.4]	100.0

Notes: χ^2 test of independence. Improved health was defined as respondents who reported fair/poor health in 2016 and no longer reported fair/poor health in 2017. For HMP helped me do a better job at work, respondents who answered "N/A" were excluded from the analysis.

0.7.3 HMP helped me do a better job at work (2017) by improved oral health (2016 or 2017), among respondents employed in 2017

	Yes Row%	HMP helped me do a better job at work (2017)			Total Row%
		95%CI	No/don't know Row%	95%CI	
Improved oral health (2016 or 2017)					
Yes (n=726)	82.3	[78.3, 85.7]	17.7	[14.3, 21.7]	100.0
No (n=748)	72.2	[67.7, 76.3]	27.8	[23.7, 32.3]	100.0
Pearson: Uncorrected chi2(1) =	40.7379				
Design-based F(1.00, 2817.00) =	12.0819	Pr =	0.001		
Total (n=1,474)	77.2	[74.2, 79.9]	22.8	[20.1, 25.8]	100.0

Notes: χ^2 test of independence. Improved oral health in this table was defined as respondents who reported in either 2016 or 2017 that their oral health got better in the past year. For HMP helped me do a better job at work, respondents who answered "N/A" were excluded from the analysis. $\phi = 0.12$

0.7.4 HMP helped me do a better job at work (2017) by improved oral health (2016 or 2017), among respondents with a chronic condition

	HMP helped me do a better job at work (2017)				Total Row%
	Yes Row%	95%CI	No/don't know Row%	95%CI	
Improved oral health (2016 or 2017)					
Yes (n=557)	86.2	[82.0, 89.5]	13.8	[10.5, 18.0]	100.0
No (n=577)	72.2	[66.8, 77.1]	27.8	[22.9, 33.2]	100.0
Pearson: Uncorrected chi2(1) =	51.7282				
Design-based F(1.00, 1750.00) =	18.8362	Pr =	0.000		
Total (n=1,134)	79.0	[75.6, 82.1]	21.0	[17.9, 24.4]	100.0

Notes: χ^2 test of independence. Improved oral health in this table was defined as respondents who reported in either 2016 or 2017 that their oral health got better in the past year. For HMP helped me do a better job at work, respondents who answered "N/A" were excluded from the analysis. $\phi = 0.17$

0.7.5 Predictors of HMP helped me do a better job at work (2017), among respondents employed in 2017 and respondents with a chronic condition

	HMP helped me do a better job at work (2017)			HMP helped me do a better job at work (2017) ^a		
	aOR	95% CI	p-value	aOR	95% CI	p-value
Improved oral health (2016 or 2017)						
No		Reference			Reference	
Yes	1.76	[1.254, 2.470]	0.001	2.32	[1.533, 3.508]	0.000
Number of chronic conditions (DW)	1.04	[0.903, 1.207]	0.558	0.90	[0.760, 1.074]	0.249
New chronic condition diagnosis in 2017 (from 2016-2017 survey and/or DW)						
No		Reference			Reference	
Yes	0.92	[0.577, 1.468]	0.726	0.95	[0.585, 1.527]	0.819
Age (DW)						
19-34		Reference			Reference	
35-50	1.14	[0.772, 1.685]	0.508	1.06	[0.650, 1.726]	0.816
51-64	2.21	[1.396, 3.495]	0.001	2.84	[1.698, 4.750]	0.000
Gender (DW)						
Male		Reference			Reference	
Female	0.82	[0.579, 1.165]	0.269	0.82	[0.536, 1.245]	0.345
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	1.17	[0.779, 1.767]	0.445	1.07	[0.658, 1.733]	0.790
Hispanic	0.55	[0.271, 1.108]	0.094	0.44	[0.180, 1.098]	0.079
Other, non-Hispanic	1.00	[0.582, 1.717]	0.997	0.98	[0.479, 1.995]	0.949
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	1.17	[0.773, 1.769]	0.458	1.40	[0.845, 2.317]	0.191
100%+	0.81	[0.534, 1.225]	0.316	0.97	[0.585, 1.621]	0.919
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	1.17	[0.820, 1.682]	0.381	1.09	[0.703, 1.679]	0.707
Bachelor's/post graduate degree	1.51	[0.935, 2.429]	0.092	1.20	[0.669, 2.169]	0.535
Constant	2.07	[1.186, 3.600]	0.010	2.63	[1.258, 5.480]	0.010
N	1,459			1,111		
F-value	3.166			3.830		
Model degrees of freedom	13.000			13.000		
Residual degrees of freedom	1,447.000			1,099.000		
F-value significance	0.000			0.000		

Notes: Multiple logistic regression. Improved oral health in this table was defined as respondents who reported in either 2016 or 2017 that their oral health got better in the past year. New chronic condition diagnosis in 2017 was defined as a new diagnosis of asthma, arthritis, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke in 2017 as indicated by self-report and/or data warehouse when there was no diagnosis present 2 years or 1 year before enrollment as indicated by self-report and/or data warehouse. For HMP helped me do a better job at work, respondents who answered "N/A" were excluded from the analysis.

^a Analysis restricted to those with a chronic condition

0.8 HMP helped me get a better job (2017)

0.8.1 HMP helped me get a better job (2017) by improved health (from 2016-2017), among all respondents

	Row%	HMP helped me get a better job (2017)		Row%	95%CI	Row%
		95%CI	95%CI			
Improved health (from 2016-2017)						
Yes (n=30)	49.3	[26.8, 72.1]		50.7	[27.9, 73.2]	100.0
No (n=247)	34.1	[27.1, 41.8]		65.9	[58.2, 72.9]	100.0
Pearson: Uncorrected chi2(1) =	2.8757					
Design-based F(1.00, 265.00) =	1.5013	Pr =	0.222			
Total (n=277)	35.8	[28.9, 43.5]		64.2	[56.5, 71.1]	100.0

Notes: χ^2 test of independence. Improved health was defined as respondents who reported fair/poor health in 2016 and no longer reported fair/poor health in 2017. For HMP helped me get a better job, respondents who answered "N/A" were excluded from the analysis.

0.8.2 HMP helped me get a better job (2017) by improved health (from 2016-2017), among respondents with a chronic condition

	Row%	HMP helped me get a better job (2017)		Row%	95%CI	Row%
		95%CI	95%CI			
Improved health (from 2016-2017)						
Yes (n=28)	47.7	[25.0, 71.4]		52.3	[28.6, 75.0]	100.0
No (n=177)	34.1	[25.9, 43.4]		65.9	[56.6, 74.1]	100.0
Pearson: Uncorrected chi2(1) =	8.6087					
Design-based F(1.00, 821.00) =	1.0818	Pr =	0.299			
Total (n=205)	36.2	[28.1, 45.2]		63.8	[54.8, 71.9]	100.0

Notes: χ^2 test of independence. Improved health was defined as respondents who reported fair/poor health in 2016 and no longer reported fair/poor health in 2017. For HMP helped me get a better job, respondents who answered "N/A" were excluded from the analysis.

0.8.3 HMP helped me get a better job (2017) by improved oral health (2016 or 2017), among respondents employed in 2017

	Row%	HMP helped me get a better job (2017)			
		95%CI	Row%	95%CI	Row%
Improved oral health (2016 or 2017)					
Yes (n=140)	33.2	[23.9, 44.0]	66.8	[56.0, 76.1]	100.0
No (n=137)	38.8	[29.1, 49.5]	61.2	[50.5, 70.9]	100.0
Pearson: Uncorrected chi2(1) =	5.5106				
Design-based F(1.00, 1620.00) =	0.5709	Pr =	0.450		
Total (n=277)	35.8	[29.0, 43.4]	64.2	[56.6, 71.0]	100.0

Notes: χ^2 test of independence. Improved oral health in this table was defined as respondents who reported in either 2016 or 2017 that their oral health got better in the past year. For HMP helped me get a better job, respondents who answered "N/A" were excluded from the analysis.

0.8.4 HMP helped me get a better job (2017) by improved oral health (2016 or 2017), among respondents with a chronic condition

	Row%	HMP helped me get a better job (2017)			
		95%CI	Row%	95%CI	Row%
Improved oral health (2016 or 2017)					
Yes (n=102)	37.2	[25.8, 50.3]	62.8	[49.7, 74.2]	100.0
No (n=103)	35.0	[24.4, 47.3]	65.0	[52.7, 75.6]	100.0
Pearson: Uncorrected chi2(1) =	0.4434				
Design-based F(1.00, 821.00) =	0.0658	Pr =	0.798		
Total (n=205)	36.2	[28.1, 45.2]	63.8	[54.8, 71.9]	100.0

Notes: χ^2 test of independence. Improved oral health in this table was defined as respondents who reported in either 2016 or 2017 that their oral health got better in the past year. For HMP helped me get a better job, respondents who answered "N/A" were excluded from the analysis.

0.8.5 Predictors of HMP helped me get a better job (2017), among respondents employed in 2017 and respondents with a chronic condition

	HMP helped me get a better job (2017) ^a			HMP helped me get a better job (2017) ^b		
	aOR	95% CI	p-value	aOR	95% CI	p-value
Improved oral health (2016 or 2017)						
No		Reference			Reference	
Yes	0.83	[0.437, 1.580]	0.571	1.20	[0.551, 2.611]	0.644
Number of chronic conditions (DW)	1.08	[0.829, 1.401]	0.573	1.14	[0.797, 1.626]	0.475
New chronic condition diagnosis in 2017 (from 2016-2017 survey and/or DW)						
No		Reference			Reference	
Yes	0.73	[0.316, 1.696]	0.466	0.71	[0.310, 1.639]	0.423
Age (DW)						
19-34		Reference			Reference	
35-50	1.01	[0.460, 2.222]	0.978	0.83	[0.330, 2.081]	0.687
51-64	1.28	[0.453, 3.596]	0.643	1.16	[0.376, 3.588]	0.794
Gender (DW)						
Male		Reference			Reference	
Female	0.45	[0.235, 0.876]	0.019	0.54	[0.250, 1.186]	0.125
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	0.79	[0.353, 1.780]	0.572	0.74	[0.283, 1.936]	0.538
Hispanic	0.76	[0.164, 3.530]	0.725	0.71	[0.087, 5.854]	0.752
Other, non-Hispanic	0.87	[0.304, 2.495]	0.795	0.83	[0.250, 2.770]	0.764
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	0.90	[0.406, 2.009]	0.803	1.07	[0.424, 2.722]	0.880
100%+	1.00	[0.436, 2.284]	0.995	1.04	[0.398, 2.712]	0.937
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	1.08	[0.532, 2.177]	0.837	1.43	[0.637, 3.200]	0.385
Bachelor's/post graduate degree	0.87	[0.373, 2.009]	0.736	1.25	[0.445, 3.494]	0.673
Constant	0.96	[0.332, 2.793]	0.945	0.56	[0.142, 2.239]	0.414
N	275			203		
F-value	0.781			0.511		
Model degrees of freedom	13.000			13.000		
Residual degrees of freedom	263.000			191.000		
F-value significance	0.680			0.916		

Notes: Multiple logistic regression. Improved oral health in this table was defined as respondents who reported in either 2016 or 2017 that their oral health got better in the past year. New chronic condition diagnosis in 2017 was defined as a new diagnosis of asthma, arthritis, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke in 2017 as indicated by self-report and/or data warehouse when there was no diagnosis present 2 years or 1 year before enrollment as indicated by self-report and/or data warehouse. For HMP helped me get a better job, respondents who answered "N/A" were excluded from the analysis.

^a Analysis restricted to those employed in 2017

^b Analysis restricted to those with a chronic condition

0.9 HMP made me better able to look for a job (2017)

0.9.1 HMP made me better able to look for a job (2017) by improved health (from 2016-2017), among all respondents

	HMP made me better able to look for a job (2017)				Total Row%
	Yes Row%	95%CI	No/don't know Row%	95%CI	
Improved health (from 2016-2017)					
Yes (n=41)	84.5	[62.5, 94.7]	15.5	[5.3, 37.5]	100.0
No (n=223)	66.7	[58.3, 74.1]	33.3	[25.9, 41.7]	100.0
Pearson: Uncorrected chi2(1) =	5.0007				
Design-based F(1.00, 252.00) =	2.6875	Pr =	0.102		
Total (n=264)	69.3	[61.7, 76.0]	30.7	[24.0, 38.3]	100.0

Notes: χ^2 test of independence. Improved health was defined as respondents who reported fair/poor health in 2016 and no longer reported fair/poor health in 2017. For HMP made me better able to look for a job, respondents who answered "N/A" were excluded from the analysis.

0.9.2 HMP made me better able to look for a job (2017) by improved health (from 2016-2017), among respondents with a chronic condition

	HMP made me better able to look for a job (2017)				Total Row%
	Yes Row%	95%CI	No/don't know Row%	95%CI	
Improved health (from 2016-2017)					
Yes (n=41)	85.7	[67.7, 94.5]	14.3	[5.5, 32.3]	100.0
No (n=193)	61.6	[52.3, 70.2]	38.4	[29.8, 47.7]	100.0
Pearson: Uncorrected chi2(1) =	32.4555				
Design-based F(1.00, 850.00) =	5.9423	Pr =	0.015		
Total (n=234)	65.9	[57.5, 73.4]	34.1	[26.6, 42.5]	100.0

Notes: χ^2 test of independence. Improved health was defined as respondents who reported fair/poor health in 2016 and no longer reported fair/poor health in 2017. For HMP made me better able to look for a job, respondents who answered "N/A" were excluded from the analysis. $\phi = 0.19$.

0.9.3 HMP made me better able to look for a job (2017) by improved oral health (2016 or 2017), among respondents not employed in 2017

	HMP made me better able to look for a job (2017)				Total Row%
	Yes Row%	95%CI	No/don't know Row%	95%CI	
Improved oral health (2016 or 2017)					
Yes (n=133)	72.5	[60.9, 81.6]	27.5	[18.4, 39.1]	100.0
No (n=134)	63.9	[53.1, 73.4]	36.1	[26.6, 46.9]	100.0
Pearson: Uncorrected chi2(1) =	17.0780				
Design-based F(1.00, 2001.00) =	1.2872	Pr =	0.257		
Total (n=267)	68.2	[60.4, 75.0]	31.8	[25.0, 39.6]	100.0

Notes: χ^2 test of independence. Improved oral health in this table was defined as respondents who reported in either 2016 or 2017 that their oral health got better in the past year. For HMP made me better able to look for a job, respondents who answered "N/A" were excluded from the analysis.

0.9.4 HMP made me better able to look for a job (2017) by improved oral health (2016 or 2017), among respondents with a chronic condition

	HMP made me better able to look for a job (2017)				Total Row%
	Yes Row%	95%CI	No/don't know Row%	95%CI	
Improved oral health (2016 or 2017)					
Yes (n=123)	68.2	[55.6, 78.6]	31.8	[21.4, 44.4]	100.0
No (n=111)	63.4	[51.9, 73.5]	36.6	[26.5, 48.1]	100.0
Pearson: Uncorrected chi2(1) =	2.1817				
Design-based F(1.00, 850.00) =	0.3403	Pr =	0.560		
Total (n=234)	65.9	[57.5, 73.4]	34.1	[26.6, 42.5]	100.0

Notes: χ^2 test of independence. Improved oral health in this table was defined as respondents who reported in either 2016 or 2017 that their oral health got better in the past year. For HMP made me better able to look for a job, respondents who answered "N/A" were excluded from the analysis.

0.9.5 Predictors of HMP made me better able to look for a job (2017), among respondents not employed in 2017 and respondents with a chronic condition

	HMP made me better able to look for a job (2017) ^a			HMP made me better able to look for a job (2017) ^b		
	aOR	95% CI	p-value	aOR	95% CI	p-value
Improved oral health (2016 or 2017)						
No		Reference			Reference	
Yes	1.16	[0.570, 2.360]	0.681	1.22	[0.603, 2.472]	0.578
Number of chronic conditions (DW)	0.99	[0.754, 1.312]	0.970	0.72	[0.534, 0.969]	0.030
New chronic condition diagnosis in 2017 (from 2016-2017 survey and/or DW)						
No		Reference			Reference	
Yes	0.61	[0.266, 1.415]	0.251	0.56	[0.245, 1.267]	0.162
Age (DW)						
19-34		Reference			Reference	
35-50	1.26	[0.493, 3.224]	0.627	1.14	[0.455, 2.879]	0.773
51-64	1.31	[0.569, 3.023]	0.523	1.87	[0.713, 4.899]	0.202
Gender (DW)						
Male		Reference			Reference	
Female	0.95	[0.443, 2.037]	0.894	1.56	[0.745, 3.278]	0.236
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	2.10	[0.895, 4.917]	0.088	1.70	[0.756, 3.816]	0.198
Hispanic	12.13	[1.080, 136.261]	0.043	11.34	[1.082, 118.854]	0.043
Other, non-Hispanic	0.84	[0.226, 3.111]	0.792	0.40	[0.114, 1.430]	0.159
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	1.21	[0.494, 2.952]	0.679	0.46	[0.202, 1.063]	0.069
100%+	0.64	[0.234, 1.734]	0.376	0.78	[0.288, 2.089]	0.614
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	2.26	[1.011, 5.032]	0.047	2.54	[1.177, 5.482]	0.018
Bachelor's/post graduate degree	0.86	[0.253, 2.905]	0.804	2.70	[0.622, 11.732]	0.184
Constant	1.25	[0.517, 3.030]	0.617	2.30	[0.642, 8.237]	0.200
N	266			233		
F-value	1.077			1.522		
Model degrees of freedom	13.000			13.000		
Residual degrees of freedom	254.000			221.000		
F-value significance	0.380			0.111		

Notes: Multiple logistic regression. Improved oral health in this table was defined as respondents who reported in either 2016 or 2017 that their oral health got better in the past year. New chronic condition diagnosis in 2017 was defined as a new diagnosis of asthma, arthritis, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke in 2017 as indicated by self-report and/or data warehouse when there was no diagnosis present 2 years or 1 year before enrollment as indicated by self-report and/or data warehouse. For HMP made me better able to look for a job, respondents who answered "N/A" were excluded from the analysis.

^a Analysis restricted to those who are not employed in 2017

^b Analysis restricted to those with a chronic condition

- 1 Aim 1: To describe changes over time in health and functional status for HMP respondents, particularly those with chronic conditions or other indicators of poorer health.**

1.1 Chronic conditions

1.1.1 New chronic condition diagnosis in 2017 by follow-up group, among all respondents

	New chronic condition diagnosis in 2017 (from 2016-2017 survey and/or DW)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Follow-up group					
Still enrolled (n=2,388)	20.8	[18.7, 23.1]	79.2	[76.9, 81.3]	100.0
No longer enrolled (n=709)	17.7	[14.3, 21.8]	82.3	[78.2, 85.7]	100.0
Pearson: Uncorrected chi2(1) =	3.3536				
Design-based F(1.00, 3085.00) =	1.8607	Pr =	0.173		
Total (n=3,097)	20.1	[18.3, 22.1]	79.9	[77.9, 81.7]	100.0

Notes: New chronic condition diagnosis in 2017 was defined as a new diagnosis of asthma, arthritis, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke in 2017 as indicated by self-report and/or data warehouse when there was no diagnosis present 2 years or 1 year before enrollment as indicated by self-report and/or data warehouse.

1.1.2 Presence of a chronic condition by follow-up group, among all respondents

	Chronic condition (2016 or 2017 survey and/or DW)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Follow-up group					
Still enrolled (n=2,388)	78.3	[76.1, 80.4]	21.7	[19.6, 23.9]	100.0
No longer enrolled (n=709)	71.7	[67.0, 75.9]	28.3	[24.1, 33.0]	100.0
Pearson: Uncorrected chi2(1) =	13.7645				
Design-based F(1.00, 3085.00) =	7.6520	Pr =	0.006		
Total (n=3,097)	76.8	[74.8, 78.7]	23.2	[21.3, 25.2]	100.0

Notes: Chronic condition was defined as a diagnosis of asthma, arthritis, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke as indicated by self-report in 2016 or 2017 and/or data warehouse.

1.1.3 Presence of two or more chronic conditions by follow-up group, among all respondents

	Two or more chronic conditions (2016 or 2017 survey and/or DW)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Follow-up group					
Still enrolled (n=2,388)	53.6	[50.9, 56.2]	46.4	[43.8, 49.1]	100.0
No longer enrolled (n=709)	46.6	[42.1, 51.2]	53.4	[48.8, 57.9]	100.0
Pearson: Uncorrected chi2(1) =	10.7618				
Design-based F(1.00, 3085.00) =	6.6950	Pr =	0.010		
Total (n=3,097)	51.9	[49.7, 54.2]	48.1	[45.8, 50.3]	100.0

Notes: Two or more chronic conditions was defined as being diagnosed with two or more of the following chronic conditions: asthma, arthritis, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke as indicated by self-report in 2016 or 2017 and/or data warehouse.

1.2 Health status (2017)

1.2.1 Health status (2017) by health status (2016), among all respondents

	Health status (2017)										Total Row%
	Excellent		Very good		Good		Fair		Poor		
Health status (2016)	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Excellent (n=248)	46.8	[39.3, 54.4]	35.8	[28.5, 43.9]	15.0	[10.5, 20.9]	2.0	[0.7, 5.3]	0.4	[0.1, 3.1]	100.0
Very good (n=793)	13.3	[10.0, 17.4]	51.4	[46.7, 56.0]	29.3	[25.3, 33.7]	5.9	[4.0, 8.8]	0.1	[0.0, 0.6]	100.0
Good (n=1,080)	3.6	[2.2, 5.7]	21.7	[18.6, 25.1]	58.4	[54.6, 62.1]	14.6	[12.3, 17.3]	1.7	[1.0, 3.1]	100.0
Fair (n=717)	3.1	[1.7, 5.6]	8.6	[6.1, 12.0]	31.6	[27.5, 36.0]	48.9	[44.3, 53.5]	7.8	[5.8, 10.4]	100.0
Poor (n=252)	0.0		3.7	[1.0, 12.2]	10.2	[6.4, 15.8]	38.9	[31.6, 46.6]	47.3	[39.7, 55.1]	100.0
Total (n=3,096)	9.9	[8.5, 11.5]	26.5	[24.5, 28.6]	36.6	[34.5, 38.8]	20.9	[19.2, 22.8]	6.0	[5.1, 7.1]	100.0

Note: This table shows row percents.

	Health status (2017)										Total	
	Excellent		Very good		Good		Fair		Poor		Cell%	95%CI
Health status (2016)	Cell%	95%CI	Cell%	95%CI	Cell%	95%CI	Cell%	95%CI	Cell%	95%CI	Cell%	95%CI
Excellent (n=248)	4.5	[3.7, 5.5]	3.4	[2.6, 4.6]	1.4	[1.0, 2.1]	0.2	[0.1, 0.5]	0.0	[0.0, 0.3]	9.6	[8.3, 11.1]
Very good (n=793)	3.5	[2.6, 4.7]	13.6	[12.1, 15.3]	7.8	[6.6, 9.1]	1.6	[1.0, 2.4]	0.0	[0.0, 0.2]	26.5	[24.5, 28.6]
Good (n=1,080)	1.2	[0.7, 1.9]	7.2	[6.1, 8.5]	19.4	[17.7, 21.2]	4.9	[4.1, 5.8]	0.6	[0.3, 1.0]	33.2	[31.1, 35.3]
Fair (n=717)	0.7	[0.4, 1.3]	2.0	[1.4, 2.8]	7.3	[6.2, 8.5]	11.3	[9.9, 12.7]	1.8	[1.3, 2.4]	23.0	[21.2, 25.0]
Poor (n=252)	0.0		0.3	[0.1, 1.0]	0.8	[0.5, 1.3]	3.0	[2.3, 3.8]	3.6	[2.9, 4.5]	7.7	[6.6, 8.9]
Total (n=3,096)	9.9	[8.5, 11.5]	26.5	[24.5, 28.6]	36.6	[34.5, 38.8]	20.9	[19.2, 22.8]	6.0	[5.1, 7.1]	100.0	

Note: This table presents the same data as above using cell percents.

1.3 Fair/poor health (change 2016-2017)

1.3.1 Fair/poor health (2016, 2017, change 2016-2017) by follow-up group and demographic characteristics, among all respondents

	Fair/poor health								
	Percent	2016 SE	95%CI	N	Percent	2017 SE	95%CI	N	Delta Percent
Follow-up group^a									
Still enrolled	31.4	0.01	[29.0, 33.7]	2,388	27.2	0.01	[24.9, 29.4]	2,388	-4.2
No longer enrolled	28.4	0.02	[24.2, 32.5]	709	26.4	0.02	[22.4, 30.4]	709	-2.0
Age (DW)									
19-34	20.7	0.02	[17.4, 24.1]	909	15.9	0.01	[12.9, 18.8]	909	-4.8
35-50	36.9	0.02	[33.1, 40.7]	969	32.1	0.02	[28.5, 35.8]	969	-4.8
51-64	36.4	0.02	[33.1, 39.7]	1,219	35.5	0.02	[32.2, 38.8]	1,219	-0.9
Gender (DW)									
Male	31.6	0.02	[28.4, 34.9]	1,230	28.6	0.02	[25.4, 31.7]	1,230	-3.0
Female	29.8	0.01	[27.2, 32.4]	1,867	25.6	0.01	[23.2, 28.0]	1,867	-4.2
Race/ethnicity (2016)									
White, non-Hispanic	30.6	0.01	[28.1, 33.2]	2,058	27.9	0.01	[25.4, 30.3]	2,058	-2.7
Black, non-Hispanic	31.5	0.02	[27.1, 35.9]	634	26.0	0.02	[21.9, 30.1]	634	-5.5
Hispanic	28.3	0.04	[19.6, 36.9]	138	21.5	0.04	[13.6, 29.4]	138	-6.8
Other, non-Hispanic	28.8	0.03	[22.0, 35.6]	228	24.9	0.03	[18.4, 31.3]	228	-3.9
FPL category (DW)									
0-35%	37.6	0.02	[34.2, 40.9]	1,218	32.3	0.02	[29.1, 35.5]	1,218	-5.3
36-99%	24.3	0.01	[21.4, 27.2]	1,084	23.0	0.01	[20.2, 25.9]	1,084	-1.3
100%+	21.5	0.02	[18.3, 24.7]	795	18.4	0.02	[15.3, 21.5]	795	-3.1
Region (DW)									
UP/NW/NE	30.7	0.02	[26.6, 34.8]	574	27.1	0.02	[23.1, 31.1]	574	-3.6
W/E Central/E	31.6	0.02	[28.3, 34.9]	980	30.8	0.02	[27.4, 34.1]	980	-0.8
S Central/SW/SE	29.0	0.02	[24.9, 33.1]	633	25.6	0.02	[21.7, 29.4]	633	-3.4
Detroit Metro	30.7	0.02	[27.0, 34.4]	910	24.9	0.02	[21.6, 28.3]	910	-5.8

^a Mixed effects logistic regression results, $F(3, 3,083) = 5.55$, $p = 0.0008$; Interaction effect of follow-up*year (no longer enrolled*2017) on reporting fair/poor health OR = 1.28, $p = 0.245$, 95% CI (0.8, 2.1)

1.3.2 Fair/poor health (2016, 2017, change 2016-2017), among all respondents and various subgroups

	Fair/poor health						Delta Percent
	Percent	2016 95%CI	N	Percent	2017 95%CI	N	
All respondents^a							
Fair/poor health	30.7	[28.7, 32.8]	970	27.0	[25.1, 29.0]	862	-3.7
Excellent/very good/good health	69.3	[67.2, 71.3]	2,127	73.0	[71.0, 74.9]	2,235	
Among respondents still enrolled^b							
Fair/poor health	31.4	[29.1, 33.8]	767	27.2	[25.0, 29.4]	670	-4.2
Excellent/very good/good health	68.6	[66.2, 70.9]	1,621	72.8	[70.6, 75.0]	1,717	
Among respondents no longer enrolled^c							
Fair/poor health	28.4	[24.4, 32.7]	203	26.4	[22.6, 30.6]	192	-2.0
Excellent/very good/good health	71.6	[67.3, 75.6]	506	73.6	[69.4, 77.4]	517	
Among respondents no longer enrolled and uninsured^d							
Fair/poor health	23.6	[16.9, 31.9]	42	19.0	[12.8, 27.3]	33	-4.6
Excellent/very good/good health	76.4	[68.1, 83.1]	151	81.0	[72.7, 87.2]	160	
Among respondents with a chronic condition (2016 or 2017 survey and/or DW)^e							
Fair/poor health	36.7	[34.3, 39.1]	908	32.6	[30.3, 34.9]	821	-4.1
Excellent/very good/good health	63.3	[60.9, 65.7]	1,561	67.4	[65.1, 69.7]	1,648	
Among respondents with two or more chronic conditions (2016 or 2017 survey and/or DW)^f							
Fair/poor health	45.6	[42.7, 48.5]	777	40.9	[38.0, 43.8]	710	-4.7
Excellent/very good/good health	54.4	[51.5, 57.3]	990	59.1	[56.2, 62.0]	1,057	
Among respondents with a mental health condition and/or substance use disorder (DW)^g							
Fair/poor health	39.9	[37.0, 42.8]	691	35.6	[32.8, 38.5]	623	-4.3
Excellent/very good/good health	60.1	[57.2, 63.0]	1,058	64.4	[61.5, 67.2]	1,126	
Among respondents with a mental health condition (DW)^h							
Fair/poor health	40.8	[37.8, 43.9]	632	36.1	[33.2, 39.2]	571	-4.7
Excellent/very good/good health	59.2	[56.1, 62.2]	950	63.9	[60.8, 66.8]	1,011	
Among respondents with a substance use disorder (DW)ⁱ							
Fair/poor health	44.1	[39.3, 49.0]	282	41.8	[37.1, 46.7]	264	-2.3
Excellent/very good/good health	55.9	[51.0, 60.7]	334	58.2	[53.3, 62.9]	352	

^a Mixed effects logistic regression results, $F(1, 3,085) = 14.41, p = 0.0001$; Fair/poor health in 2017 OR = 0.66, $p < 0.001$, 95% CI (0.5, 0.8)

^b Mixed effects logistic regression results, $F(1, 2,376) = 14.16, p = 0.0002$; Fair/poor health in 2017 OR = 0.62, $p < 0.001$, 95% CI (0.5, 0.8)

^c Mixed effects logistic regression results, $F(1, 697) = 1.01, p = 0.3161$; Fair/poor health in 2017 OR = 0.80, $p = 0.316$, 95% CI (0.5, 1.2)

^d Mixed effects logistic regression results, $F(1, 181) = 1.44, p = 0.2323$; Fair/poor health in 2017 OR = 0.61, $p = 0.232$, 95% CI (0.3, 1.4)

^e Mixed effects logistic regression results, $F(1, 2,457) = 11.85, p = 0.006$; Fair/poor health in 2017 OR = 0.68, $p = 0.001$, 95% CI (0.5, 0.8)

^f Mixed effects logistic regression results, $F(1, 1,755) = 9.66, p = 0.0019$; Fair/poor health in 2017 OR = 0.68, $p = 0.002$, 95% CI (0.5, 0.9)

^g Mixed effects logistic regression results, $F(1, 1,737) = 9.73, p = 0.0018$; Fair/poor health in 2017 OR = 0.66, $p = 0.002$, 95% CI (0.5, 0.9)

^h Mixed effects logistic regression results, $F(1, 1,570) = 11.71, p = 0.0006$; Fair/poor health in 2017 OR = 0.63, $p = 0.001$, 95% CI (0.5, 0.8)

ⁱ Mixed effects logistic regression results, $F(1, 604) = 1.03, p = 0.3097$; Fair/poor health in 2017 OR = 0.82, $p = 0.310$, 95% CI (0.6, 1.2)

1.3.3 Interaction between fair/poor health (change 2016-2017) and presence of a chronic condition, among all respondents

	aOR	Fair/poor health* 95% CI	p-value	aOR	Fair/poor health 95% CI	p-value
Survey year						
2016		Reference			Reference	
2017	0.55	[0.299, 1.027]	0.061	0.66	[0.530, 0.816]	0.000
Chronic condition (2016 or 2017 survey and/or DW)						
No		Reference			Reference	
Yes	13.75	[7.556, 25.033]	0.000	14.91	[8.496, 26.163]	0.000
Survey year*Chronic condition (2016 or 2017 survey and/or DW)						
2017 × Yes	1.21	[0.628, 2.339]	0.566			
Age (DW)						
19-34		Reference			Reference	
35-50	3.26	[2.061, 5.170]	0.000	3.26	[2.060, 5.169]	0.000
51-64	2.94	[1.895, 4.570]	0.000	2.94	[1.894, 4.571]	0.000
Gender (DW)						
Male		Reference			Reference	
Female	0.90	[0.630, 1.274]	0.541	0.90	[0.630, 1.275]	0.542
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	0.64	[0.416, 0.975]	0.038	0.64	[0.415, 0.976]	0.038
Hispanic	0.97	[0.419, 2.249]	0.944	0.97	[0.418, 2.250]	0.942
Other, non-Hispanic	1.03	[0.527, 2.010]	0.933	1.03	[0.527, 2.010]	0.933
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	0.32	[0.219, 0.482]	0.000	0.32	[0.219, 0.482]	0.000
100%+	0.24	[0.155, 0.379]	0.000	0.24	[0.155, 0.379]	0.000
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	0.37	[0.247, 0.547]	0.000	0.37	[0.247, 0.547]	0.000
Bachelor's/post graduate degree	0.25	[0.138, 0.439]	0.000	0.25	[0.138, 0.440]	0.000
Insurance status in 12 months prior to HMP (2016)						
Insured/Don't know		Reference			Reference	
Uninsured	0.77	[0.542, 1.102]	0.155	0.77	[0.542, 1.103]	0.156
Constant	0.04	[0.017, 0.079]	0.000	0.03	[0.016, 0.073]	0.000
Respondent	15190.59	[593.887, 388548.686]	0.000	14944.58	[591.960, 377289.606]	0.000
N	6,098			6,098		
F-value	12.670			13.818		
Model degrees of freedom	14.000			13.000		
Residual degrees of freedom	3,037.000			3,037.000		
F-value significance	0.000			0.000		

Notes: Mixed effects logistic regression. Chronic condition was defined as a diagnosis of asthma, arthritis, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke as indicated by self-report in 2016 or 2017 and/or data warehouse. Variables are from both survey years unless otherwise noted.

* Includes interaction term

1.3.4 Predictors of fair/poor health (change 2016-2017), among respondents still enrolled and respondents still enrolled with two or more chronic conditions

	aOR	Fair/poor health ^a 95% CI	p-value		aOR	Fair/poor health ^b 95% CI	p-value
Survey year							
2016		Reference				Reference	
2017	0.62	[0.480, 0.795]	0.000		0.68	[0.532, 0.869]	0.002
New chronic condition diagnosis in 2017 (from 2016-2017 survey and/or DW)							
No		Reference				Reference	
Yes	0.56	[0.347, 0.910]	0.019		0.59	[0.387, 0.894]	0.013
Number of chronic conditions (DW)	3.31	[2.740, 4.010]	0.000		2.60	[2.150, 3.155]	0.000
Age (DW)							
19-34		Reference				Reference	
35-50	1.40	[0.848, 2.304]	0.189		1.31	[0.765, 2.238]	0.327
51-64	0.78	[0.479, 1.285]	0.336		0.86	[0.519, 1.425]	0.559
Gender (DW)							
Male		Reference				Reference	
Female	0.85	[0.577, 1.259]	0.421		0.76	[0.521, 1.110]	0.156
Race/ethnicity (2016)							
White, non-Hispanic		Reference				Reference	
Black, non-Hispanic	0.64	[0.401, 1.018]	0.059		0.60	[0.383, 0.944]	0.027
Hispanic	0.68	[0.276, 1.665]	0.396		0.80	[0.328, 1.946]	0.621
Other, non-Hispanic	1.06	[0.500, 2.244]	0.881		1.05	[0.479, 2.292]	0.906
FPL category (DW)							
0-35%		Reference				Reference	
36-99%	0.55	[0.361, 0.836]	0.005		0.53	[0.351, 0.802]	0.003
100%+	0.41	[0.255, 0.657]	0.000		0.39	[0.242, 0.622]	0.000
Highest level of education (2017)							
High school or less		Reference				Reference	
Associate's degree/some college	0.41	[0.272, 0.622]	0.000		0.52	[0.347, 0.787]	0.002
Bachelor's/post graduate degree	0.39	[0.207, 0.752]	0.005		0.49	[0.250, 0.976]	0.042
Constant	0.05	[0.023, 0.088]	0.000		0.10	[0.047, 0.225]	0.000
Respondent	3353.64	[162.386, 69260.114]	0.000		257.82	[44.044, 1509.194]	0.000
N	4,706				3,480		
F-value	14.495				10.215		
Model degrees of freedom	13.000				13.000		
Residual degrees of freedom	2,341.000				1,728.000		
F-value significance	0.000				0.000		

Notes: Mixed effects logistic regression. New chronic condition diagnosis in 2017 was defined as a new diagnosis of asthma, arthritis, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke in 2017 as indicated by self-report and/or data warehouse when there was no diagnosis present 2 years or 1 year before enrollment as indicated by self-report and/or data warehouse. Variables are from both survey years unless otherwise noted.

^a Analysis restricted to those still enrolled

^b Analysis restricted to those with two or more chronic conditions

1.3.5 Predictors of fair/poor health (change 2016-2017), among respondents no longer enrolled and uninsured

	aOR	Fair/poor health 95% CI	p-value
Survey year			
2016		Reference	
2017	0.65	[0.297, 1.414]	0.274
New chronic condition diagnosis in 2017 (from 2016-2017 survey and/or DW)			
No		Reference	
Yes	0.72	[0.155, 3.376]	0.678
Number of chronic conditions (DW)	2.18	[1.381, 3.450]	0.001
Age (DW)			
19-34		Reference	
35-50	2.91	[0.824, 10.260]	0.096
51-64	1.25	[0.310, 5.009]	0.756
Gender (DW)			
Male		Reference	
Female	0.30	[0.093, 0.945]	0.040
Race/ethnicity (2016)			
White, non-Hispanic		Reference	
Black, non-Hispanic	0.35	[0.079, 1.517]	0.158
Hispanic	1.60	[0.241, 10.625]	0.626
Other, non-Hispanic	0.56	[0.043, 7.404]	0.660
FPL category (DW)			
0-35%		Reference	
36-99%	0.32	[0.090, 1.174]	0.086
100%+	0.34	[0.074, 1.563]	0.165
Highest level of education (2017)			
High school or less		Reference	
Associate's degree/some college	0.55	[0.174, 1.708]	0.296
Bachelor's/post graduate degree	0.54	[0.067, 4.390]	0.563
Constant	0.17	[0.026, 1.058]	0.057
Respondent	21.45	[0.657, 700.492]	0.084
N	382		
F-value	1.806		
Model degrees of freedom	13.000		
Residual degrees of freedom	179.000		
F-value significance	0.046		

Notes: Mixed effects logistic regression. New chronic condition diagnosis in 2017 was defined as a new diagnosis of asthma, arthritis, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke in 2017 as indicated by self-report and/or data warehouse when there was no diagnosis present 2 years or 1 year before enrollment as indicated by self-report and/or data warehouse. Variables are from both survey years unless otherwise noted.

1.3.6 Fair/poor health (2016, 2017, change 2016-2017) by follow-up group, among various chronic condition subgroups

	Percent	2016		Fair/poor health					N	Delta Percent
		SE	95%CI	N	Percent	2017 SE	95%CI			
Among respondents with asthma (2016 or 2017 survey and/or DW)	43.2	0.02	[38.9, 47.6]	800	37.0	0.02	[32.8, 41.2]	800	-6.2	
% Fair/poor health still enrolled	43.8	0.03	[38.8, 48.8]	619	36.6	0.02	[31.8, 41.3]	619	-7.2	
% Fair/poor health no longer enrolled	41.3	0.05	[32.2, 50.5]	181	38.5	0.05	[29.6, 47.5]	181	-2.8	
Among respondents with arthritis (2016 or 2017 survey and/or DW)	47.4	0.02	[44.2, 50.5]	1,392	43.4	0.02	[40.3, 46.6]	1,392	-4	
% Fair/poor health still enrolled	48.6	0.02	[45.0, 52.2]	1,098	42.9	0.02	[39.3, 46.5]	1,098	-5.7	
% Fair/poor health no longer enrolled	42.9	0.03	[36.1, 49.7]	294	45.4	0.03	[38.5, 52.2]	294	2.5	
Among respondents with cancer (2016 or 2017 survey and/or DW)	49.1	0.04	[41.6, 56.7]	278	46.8	0.04	[39.2, 54.3]	278	-2.3	
% Fair/poor health still enrolled	48.0	0.04	[39.5, 56.5]	213	43.8	0.04	[35.5, 52.1]	213	-4.2	
% Fair/poor health no longer enrolled	52.7	0.08	[37.3, 68.2]	65	56.6	0.08	[41.5, 71.7]	65	3.9	
Among respondents with COPD (2016 or 2017 survey and/or DW)	49.1	0.02	[44.7, 53.4]	857	43.9	0.02	[39.6, 48.1]	857	-5.2	
% Fair/poor health still enrolled	48.9	0.03	[43.9, 53.9]	674	41.8	0.02	[37.0, 46.6]	674	-7.1	
% Fair/poor health no longer enrolled	49.8	0.04	[41.2, 58.5]	183	52.0	0.04	[43.4, 60.6]	183	2.2	
Among respondents with diabetes (2016 or 2017 survey and/or DW)	46.8	0.02	[42.3, 51.3]	699	44.6	0.02	[40.1, 49.2]	699	-2.2	
% Fair/poor health still enrolled	47.0	0.03	[41.9, 52.2]	557	45.3	0.03	[40.1, 50.5]	557	-1.7	
% Fair/poor health no longer enrolled	46.0	0.05	[36.4, 55.6]	142	42.0	0.05	[32.4, 51.5]	142	-4.0	
Among respondents with hypertension (2016 or 2017 survey and/or DW)	43.0	0.02	[39.9, 46.1]	1,550	38.0	0.02	[35.0, 41.1]	1,550	-5.0	
% Fair/poor health still enrolled	43.0	0.02	[39.5, 46.6]	1,208	37.4	0.02	[33.9, 40.8]	1,208	-5.6	
% Fair/poor health no longer enrolled	42.7	0.03	[36.3, 49.2]	342	40.3	0.03	[33.9, 46.7]	342	-2.4	
Among respondents with heart disease (2016 or 2017 survey and/or DW)	51.7	0.03	[46.5, 56.9]	592	46.0	0.03	[40.9, 51.1]	592	-5.7	
% Fair/poor health still enrolled	52.7	0.03	[46.7, 58.8]	456	44.7	0.03	[38.8, 50.6]	456	-8	
% Fair/poor health no longer enrolled	48.3	0.05	[37.9, 58.6]	136	50.7	0.05	[40.4, 60.9]	136	2.4	

1.4 Improved health (from 2016-2017)

1.4.1 Improved health (from 2016-2017) by presence of a mental health condition and/or substance use disorder, among all respondents

	Improved health (from 2016-2017)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Mental health condition and/or substance use disorder (DW)					
Yes (n=1,749)	12.7	[10.8, 14.9]	87.3	[85.1, 89.2]	100.0
No (n=1,348)	9.0	[7.2, 11.2]	91.0	[88.8, 92.8]	100.0
Pearson: Uncorrected chi2(1) =	10.4798				
Design-based F(1.00, 3085.00) =	6.1077	Pr =	0.014		
Total (n=3,097)	11.1	[9.7, 12.6]	88.9	[87.4, 90.3]	100.0

Notes: χ^2 test of independence. Improved health was defined as respondents who reported fair/poor health in 2016 and no longer reported fair/poor health in 2017. $\phi = 0.06$

1.4.2 Improved health (from 2016-2017) by new chronic condition diagnosis (2016), among respondents with a chronic condition

	Improved health (from 2016-2017)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
New chronic condition diagnosis (2016)					
Yes (n=634)	14.5	[11.6, 18.0]	85.5	[82.0, 88.4]	100.0
No (n=1,835)	12.3	[10.3, 14.5]	87.7	[85.5, 89.7]	100.0
Pearson: Uncorrected chi2(1) =	2.5600				
Design-based F(1.00, 3085.00) =	1.4096	Pr =	0.235		
Total (n=2,469)	12.8	[11.2, 14.7]	87.2	[85.3, 88.8]	100.0

Notes: χ^2 test of independence. New chronic condition diagnosis in 2016 was defined as a new diagnosis of asthma, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke in 2016 as indicated by self-report. Improved health was defined as respondents who reported fair/poor health in 2016 and no longer reported fair/poor health in 2017.

1.4.3 Improved health (from 2016-2017) by experience of homelessness (2017), housing insecurity (2017), and employment (2017), among respondents still enrolled

	Improved health (from 2016-2017)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Homeless in the last 12 months (2017)					
Yes (n=149)	11.7	[6.9, 19.4]	88.3	[80.6, 93.1]	100.0
No (n=2,233)	11.2	[9.6, 13.1]	88.8	[86.9, 90.4]	100.0
Pearson: Uncorrected chi2(1) =	0.0605				
Design-based F(1.00, 3079.00) =	0.0273	Pr =	0.869		
Number of places lived in past 3 years (2017)					
One (n=1,724)	11.6	[9.7, 13.8]	88.4	[86.2, 90.3]	100.0
Two (n=450)	9.0	[6.2, 12.9]	91.0	[87.1, 93.8]	100.0
Three (n=128)	11.8	[6.4, 20.7]	88.2	[79.3, 93.6]	100.0
Four or more (n=81)	14.5	[7.7, 25.6]	85.5	[74.4, 92.3]	100.0
Pearson: Uncorrected chi2(3) =	4.7255				
Design-based F(2.98, 9175.38) =	0.7166	Pr =	0.541		
Employed/self-employed (2017)					
Yes (n=1,319)	12.0	[9.7, 14.7]	88.0	[85.3, 90.3]	100.0
No (n=1,066)	10.5	[8.5, 12.8]	89.5	[87.2, 91.5]	100.0
Pearson: Uncorrected chi2(1) =	1.7756				
Design-based F(1.00, 3082.00) =	0.8415	Pr =	0.359		
Total (n=2,388)	11.3	[9.7, 13.1]	88.7	[86.9, 90.3]	100.0

Notes: χ^2 test of independence. Improved health was defined as respondents who reported fair/poor health in 2016 and no longer reported fair/poor health in 2017. For homeless in the last 12 months, and number of places lived in past 3 years, respondents who answered "Don't know" were excluded from the analysis.

1.4.4 Improved health (from 2016-2017) by experience of homelessness (2017), housing insecurity (2017), employment (2017), and insurance status (2017), among respondents no longer enrolled

	Improved health (from 2016-2017)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Homeless in the last 12 months (2017)					
Yes (n=46)	13.5	[5.8, 28.3]	86.5	[71.7, 94.2]	100.0
No (n=661)	9.8	[7.3, 13.1]	90.2	[86.9, 92.7]	100.0
Pearson: Uncorrected chi2(1) =	3.6838				
Design-based F(1.00, 3083.00) =	0.5174	Pr =	0.472		
Number of places lived in past 3 years (2017)					
One (n=451)	10.3	[7.1, 14.8]	89.7	[85.2, 92.9]	100.0
Two (n=161)	11.9	[7.4, 18.5]	88.1	[81.5, 92.6]	100.0
Three (n=58)	5.8	[1.8, 16.9]	94.2	[83.1, 98.2]	100.0
Four or more (n=39)	11.1	[3.6, 29.1]	88.9	[70.9, 96.4]	100.0
Pearson: Uncorrected chi2(3) =	9.3223				
Design-based F(2.95, 9085.93) =	0.4470	Pr =	0.716		
Employed/self-employed (2017)					
Yes (n=423)	8.6	[5.8, 12.6]	91.4	[87.4, 94.2]	100.0
No (n=285)	13.2	[8.9, 19.0]	86.8	[81.0, 91.1]	100.0
Pearson: Uncorrected chi2(1) =	16.1823				
Design-based F(1.00, 3084.00) =	2.3636	Pr =	0.124		
Insurance status (2017)					
Insured (n=508)	9.9	[6.9, 13.8]	90.1	[86.2, 93.1]	100.0
Uninsured (n=193)	11.9	[7.5, 18.3]	88.1	[81.7, 92.5]	100.0
Pearson: Uncorrected chi2(1) =	2.9335				
Design-based F(1.00, 3077.00) =	0.4307	Pr =	0.512		
Total (n=709)	10.3	[7.8, 13.5]	89.7	[86.5, 92.2]	100.0

Notes: χ^2 test of independence. Improved health was defined as respondents who reported fair/poor health in 2016 and no longer reported fair/poor health in 2017. For homeless in the last 12 months, number of places lived in past 3 years, and insurance status, respondents who answered "Don't know" were excluded from the analysis.

1.5 Days poor physical health (change 2016-2017)

1.5.1 Days poor physical health (2016, 2017, change 2016-2017) by follow-up group, demographic characteristics (2017), presence of a chronic condition, presence of a mental health condition and/or substance use disorder, presence of a mental health condition, and presence of a substance use disorder, among all respondents

	Days poor physical health								
	Mean	2016 SE	95%CI	N	Mean	2017 SE	95%CI	N	Delta Mean
Follow-up group^a									
Still enrolled	7.0	0.26	[6.5, 7.5]	2,360	5.6	0.23	[5.1, 6.0]	2,375	-1.4
No longer enrolled	6.8	0.47	[5.9, 7.7]	701	5.8	0.43	[5.0, 6.7]	702	-1.0
Age (DW)									
19-34	4.3	0.33	[3.7, 4.9]	901	3.0	0.25	[2.5, 3.5]	902	-1.3
35-50	8.2	0.43	[7.3, 9.0]	963	6.9	0.41	[6.1, 7.7]	964	-1.3
51-64	9.0	0.40	[8.2, 9.8]	1,197	7.6	0.36	[6.9, 8.3]	1,211	-1.4
Gender (DW)									
Male	6.8	0.36	[6.1, 7.6]	1,216	5.3	0.31	[4.7, 5.9]	1,223	-1.5
Female	7.0	0.28	[6.5, 7.6]	1,845	6.0	0.27	[5.4, 6.5]	1,854	-1.0
Race/ethnicity (2016)									
White, non-Hispanic	7.5	0.30	[7.0, 8.1]	2,031	6.1	0.26	[5.6, 6.6]	2,042	-1.4
Black, non-Hispanic	5.9	0.45	[5.1, 6.8]	633	4.4	0.37	[3.6, 5.1]	633	-1.5
Hispanic	6.2	0.87	[4.5, 7.9]	135	5.5	0.98	[3.6, 7.4]	136	-0.7
Other, non-Hispanic	6.3	0.76	[4.9, 7.8]	226	6.3	0.80	[4.7, 7.9]	227	0.0
FPL category (DW)									
0-35%	8.1	0.38	[7.4, 8.9]	1,200	6.3	0.33	[5.7, 7.0]	1,212	-1.8
36-99%	5.9	0.33	[5.3, 6.6]	1,068	5.0	0.30	[4.4, 5.6]	1,077	-0.9
100%+	5.3	0.35	[4.6, 6.0]	793	4.8	0.35	[4.1, 5.4]	788	-0.5
Region (DW)									
UP/NW/NE	7.7	0.51	[6.7, 8.7]	566	7.0	0.49	[6.1, 8.0]	571	-0.7
W/E Central/E	7.7	0.40	[6.9, 8.5]	969	6.6	0.36	[5.9, 7.3]	972	-1.1
S Central/SW/SE	7.0	0.48	[6.1, 8.0]	626	5.9	0.43	[5.1, 6.8]	629	-1.1
Detroit Metro	6.2	0.38	[5.4, 6.9]	900	4.6	0.33	[3.9, 5.2]	905	-1.6
Chronic condition (2016 or 2017 survey and/or DW)^b									
No	2.7	0.34	[2.0, 3.4]	623	1.9	0.29	[1.3, 2.5]	627	-0.8
Yes	8.2	0.27	[7.7, 8.8]	2,438	6.8	0.25	[6.3, 7.3]	2,450	-1.4
Mental health condition and/or substance use disorder (DW)^c									
No	4.3	0.26	[3.7, 4.8]	1,336	3.3	0.22	[2.8, 3.7]	1,341	-1.0
Yes	9.1	0.34	[8.5, 9.8]	1,725	7.6	0.31	[7.0, 8.2]	1,736	-1.5
Mental health condition (DW)^d									
No	4.5	0.25	[4.0, 5.0]	1,502	3.4	0.21	[3.0, 3.8]	1,507	-1.1
Yes	9.5	0.37	[8.7, 10.2]	1,559	8.0	0.34	[7.3, 8.7]	1,570	-1.5
Substance use disorder (DW)^e									
No	6.1	0.24	[5.6, 6.6]	2,450	5.0	0.21	[4.6, 5.4]	2,464	-1.1
Yes	10.0	0.58	[8.9, 11.2]	611	8.1	0.53	[7.1, 9.2]	613	-1.9

^a Two factor repeated measures ANOVA results, $F(1, 3,083) = 1.09, p = 0.2969$

^b Two factor repeated measures ANOVA results, $F(1, 3,083) = 2.60, p = 0.1069$

^c Two factor repeated measures ANOVA results, $F(1, 3,083) = 1.60, p = 0.2060$

^d Two factor repeated measures ANOVA results, $F(1, 3,083) = 0.51, p = 0.4770$

^e Two factor repeated measures ANOVA results, $F(1, 3,083) = 2.04, p = 0.1529$

1.5.2 Days poor physical health (2016, 2017, change 2016-2017), among all respondents and various subgroups

	Days poor physical health								
	Mean	2016 SE	95%CI	N	Mean	2017 SE	95%CI	N	Delta Mean
All follow-up respondents^a	6.9	0.23	[6.5, 7.4]	3,061	5.7	0.20	[5.3, 6.0]	3,077	-1.2
Among those still enrolled ^b	7.0	0.26	[6.5, 7.5]	2,360	5.6	0.23	[5.1, 6.0]	2,375	-1.4
Among those no longer enrolled ^c	6.8	0.46	[5.9, 7.7]	701	5.8	0.43	[5.0, 6.7]	702	-1.0
Among those no longer enrolled and uninsured ^d	4.9	0.73	[3.4, 6.3]	191	3.8	0.61	[2.6, 5.0]	191	-1.1
Among those with a chronic condition (2016 or 2017 and/or DW) ^e	8.2	0.27	[7.7, 8.8]	2,438	6.8	0.25	[6.3, 7.3]	2,450	-1.4
Among those with two or more chronic conditions (2016 or 2017 and/or DW) ^f	9.9	0.34	[9.3, 10.6]	1,740	8.5	0.32	[7.8, 9.1]	1,753	-1.4
Among those with a mental health condition and/or substance use disorder (DW) ^g	9.1	0.34	[8.5, 9.8]	1,725	7.6	0.31	[7.0, 8.2]	1,736	-1.5
Among those with a mental health condition (DW) ^h	9.5	0.36	[8.7, 10.2]	1,559	8.0	0.34	[7.3, 8.7]	1,570	-1.5
Among those with a substance use disorder (DW) ⁱ	10.0	0.58	[8.9, 11.2]	611	8.1	0.53	[7.1, 9.2]	613	-1.9

^a Paired sample t-test results, difference in days = -1.2, $t(3,031) = -6.10$, $p < 0.001$, 95% CI (-1.7, -0.9)

^b Paired sample t-test results, difference in days = -1.4, $t(2,335) = -5.65$, $p < 0.001$, 95% CI (-1.9, -0.9)

^c Paired sample t-test results, difference in days = -0.9, $t(684) = -2.30$, $p = 0.022$, 95% CI (-1.7, -0.1)

^d Paired sample t-test results, difference in days = -0.9, $t(177) = -1.20$, $p = 0.232$, 95% CI (-2.5, -0.6)

^e Paired sample t-test results, difference in days = -1.5, $t(2,409) = -5.57$, $p < 0.001$, 95% CI (-2.0, -0.9)

^f Paired sample t-test results, difference in days = -1.5, $t(1,716) = -4.39$, $p < 0.001$, 95% CI (-2.1, -0.8)

^g Paired sample t-test results, difference in days = -1.5, $t(1,702) = -4.83$, $p < 0.001$, 95% CI (-2.2, -0.9)

^h Paired sample t-test results, difference in days = -1.5, $t(1,537) = -4.32$, $p < 0.001$, 95% CI (-2.1, -0.8)

ⁱ Paired sample t-test results, difference in days = -2.0, $t(596) = -3.79$, $p < 0.001$, 95% CI (-3.0, -1.0)

1.5.3 Predictors of days poor physical health (change 2016-2017), among all respondents

	Days poor physical health		
	Coef.	95% CI	p-value
Survey year			
2016		Reference	
2017	-1.32	[-1.740,- 0.894]	0.000
Number of chronic conditions (DW)	2.28	[2.028, 2.530]	0.000
New chronic condition diagnosis in 2017 (from 2016-2017 survey and/or DW)			
No		Reference	
Yes	-1.38	[-2.334,- 0.429]	0.004
Age (DW)			
19-34		Reference	
35-50	1.67	[0.851, 2.487]	0.000
51-64	1.09	[0.264, 1.907]	0.010
Gender (DW)			
Male		Reference	
Female	0.46	[-0.234, 1.148]	0.194
Race/ethnicity (2016)			
White, non-Hispanic		Reference	
Black, non-Hispanic	-2.26	[-3.010,- 1.510]	0.000
Hispanic	0.20	[-1.344, 1.748]	0.798
Other, non-Hispanic	0.22	[-1.021, 1.468]	0.725
FPL category (DW)			
0-35%		Reference	
36-99%	-1.41	[-2.150,- 0.665]	0.000
100%+	-1.70	[-2.489,- 0.904]	0.000
Highest level of education (2017)			
High school or less		Reference	
Associate's degree/some college	-0.24	[-0.951, 0.477]	0.516
Bachelor's/post graduate degree	-0.80	[-1.800, 0.195]	0.115
Constant	3.36	[2.396, 4.330]	0.000
Respondent	31.92	[27.064, 36.779]	0.000
Days poor physical health residuals	51.66	[46.935, 56.382]	0.000
N	6,049		
F-value	47.967		
Model degrees of freedom	13.000		
Residual degrees of freedom	3,037.000		
F-value significance	0.000		

Notes: Mixed effects linear regression. Variables are from both survey years unless otherwise noted. New chronic condition diagnosis in 2017 was defined as a new diagnosis of asthma, arthritis, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke in 2017 as indicated by self-report and/or data warehouse when there was no diagnosis present 2 years or 1 year before enrollment as indicated by self-report and/or data warehouse.

1.5.4 Interaction between days poor physical health (change 2016-2017) and presence of a chronic condition, among all respondents

	Days poor physical health*			Days poor physical health		
	Coef.	95% CI	p-value	Coef.	95% CI	p-value
Survey year						
2016		Reference			Reference	
2017	-0.81	[-1.426,- 0.200]	0.009	-1.31	[-1.737,- 0.890]	0.000
Chronic condition (2016 or 2017 survey and/or DW)						
No		Reference			Reference	
Yes	4.35	[3.472, 5.222]	0.000	4.02	[3.299, 4.740]	0.000
Survey year*Chronic condition (2016 or 2017 survey and/or DW)						
2017 × Yes	-0.65	[-1.456, 0.150]	0.111			
Age (DW)						
19-34		Reference			Reference	
35-50	3.00	[2.136, 3.862]	0.000	3.00	[2.136, 3.861]	0.000
51-64	3.30	[2.448, 4.148]	0.000	3.30	[2.448, 4.148]	0.000
Gender (DW)						
Male		Reference			Reference	
Female	0.60	[-0.143, 1.338]	0.114	0.60	[-0.143, 1.339]	0.114
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	-2.20	[-3.018,- 1.379]	0.000	-2.20	[-3.018,- 1.380]	0.000
Hispanic	-0.12	[-1.760, 1.521]	0.886	-0.12	[-1.760, 1.520]	0.886
Other, non-Hispanic	0.27	[-1.043, 1.587]	0.685	0.27	[-1.042, 1.588]	0.684
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	-1.87	[-2.667,- 1.070]	0.000	-1.87	[-2.668,- 1.071]	0.000
100%+	-2.15	[-2.982,- 1.317]	0.000	-2.15	[-2.981,- 1.317]	0.000
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	-0.46	[-1.244, 0.316]	0.244	-0.46	[-1.244, 0.316]	0.243
Bachelor's/post graduate degree	-1.47	[-2.532,- 0.417]	0.006	-1.47	[-2.531,- 0.417]	0.006
Insurance status in 12 months prior to HMP (2016)						
Insured/Don't know		Reference			Reference	
Uninsured	-0.67	[-1.395, 0.050]	0.068	-0.67	[-1.396, 0.049]	0.068
Constant	3.60	[2.407, 4.791]	0.000	3.85	[2.695, 5.006]	0.000
Respondent	39.05	[33.819, 44.282]	0.000	39.03	[33.794, 44.262]	0.000
Days poor physical health residuals	51.67	[46.946, 56.402]	0.000	51.71	[46.984, 56.445]	0.000
N	6,045			6,045		
F-value	28.811			30.595		
Model degrees of freedom	14.000			13.000		
Residual degrees of freedom	3,035.000			3,035.000		
F-value significance	0.000			0.000		

Notes: Mixed effects linear regression. Chronic condition was defined as a diagnosis of asthma, arthritis, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke as indicated by self-report in 2016 or 2017 and/or data warehouse. Variables are from both survey years unless otherwise noted.

* Includes interaction term

1.5.5 Predictors of days poor physical health (change 2016-2017), among respondents still enrolled and respondents with two or more chronic conditions

	Days poor physical health ^a			Days poor physical health ^b		
	Coef.	95% CI	p-value	Coef.	95% CI	p-value
Survey year						
2016		Reference			Reference	
2017	-1.44	[-1.943,- 0.942]	0.000	-1.49	[-2.155,- 0.830]	0.000
New chronic condition diagnosis in 2017 (from 2016-2017 survey and/or DW)						
No		Reference			Reference	
Yes	-1.52	[-2.619,- 0.431]	0.006	-1.01	[-2.185, 0.165]	0.092
Number of chronic conditions (DW)	2.32	[2.050, 2.595]	0.000	2.41	[1.934, 2.884]	0.000
Age (DW)						
19-34		Reference			Reference	
35-50	1.79	[0.851, 2.726]	0.000	2.24	[0.830, 3.641]	0.002
51-64	1.07	[0.145, 1.992]	0.023	1.86	[0.539, 3.188]	0.006
Gender (DW)						
Male		Reference			Reference	
Female	0.43	[-0.361, 1.225]	0.286	0.05	[-1.023, 1.119]	0.930
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	-2.19	[-3.054,- 1.325]	0.000	-3.39	[-4.536,- 2.234]	0.000
Hispanic	-0.01	[-1.507, 1.489]	0.991	-0.35	[-2.912, 2.221]	0.792
Other, non-Hispanic	0.41	[-1.050, 1.865]	0.583	0.22	[-1.852, 2.297]	0.834
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	-0.92	[-1.767,- 0.067]	0.035	-1.65	[-2.809,- 0.497]	0.005
100%+	-1.60	[-2.467,- 0.733]	0.000	-2.12	[-3.403,- 0.835]	0.001
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	0.07	[-0.739, 0.873]	0.870	-0.02	[-1.129, 1.090]	0.972
Bachelor's/post graduate degree	-0.16	[-1.454, 1.127]	0.803	0.00	[-2.043, 2.052]	0.997
Constant	2.84	[1.837, 3.837]	0.000	2.90	[0.906, 4.890]	0.004
Respondent	30.26	[24.793, 35.726]	0.000	46.00	[38.531, 53.465]	0.000
Days poor physical health residuals	53.39	[47.784, 58.997]	0.000	69.16	[61.998, 76.331]	0.000
N	4,667			3,440		
F-value	38.359			18.079		
Model degrees of freedom	13.000			13.000		
Residual degrees of freedom	2,341.000			1,726.000		
F-value significance	0.000			0.000		

Notes: Mixed effects linear regression. New chronic condition diagnosis in 2017 was defined as a new diagnosis of asthma, arthritis, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke in 2017 as indicated by self-report and/or data warehouse when there was no diagnosis present 2 years or 1 year before enrollment as indicated by self-report and/or data warehouse. Variables are from both survey years unless otherwise noted.

^a Analysis restricted to those still enrolled

^b Analysis restricted to those with two or more chronic conditions

1.5.6 Days poor physical health (2016, 2017, change 2016-2017) by follow-up group, among chronic condition subgroups

	Days poor physical health									Delta Mean
	Mean	2016 SE	95%CI	N	Mean	2017 SE	95%CI	N		
Among respondents with asthma (2016 or 2017 survey and/or DW)	9.3	0.50	[8.3, 10.3]	789	7.9	0.47	[7.0, 8.8]	793	-1.4	
Still enrolled	9.3	0.56	[8.2, 10.4]	610	7.7	0.52	[6.7, 8.7]	614	-1.6	
No longer enrolled	9.3	1.12	[7.1, 11.5]	179	8.5	1.06	[6.4, 10.5]	179	-0.8	
Among respondents with arthritis (2016 or 2017 survey and/or DW)	12.0	0.40	[11.2, 12.7]	1,377	9.9	0.38	[9.2, 10.6]	1,384	-2.1	
Still enrolled	12.0	0.45	[11.1, 12.9]	1,086	9.7	0.42	[8.9, 10.5]	1,093	-2.3	
No longer enrolled	11.9	0.87	[10.2, 13.6]	291	10.6	0.86	[8.9, 12.3]	291	-1.3	
Among respondents with cancer (2016 or 2017 survey and/or DW)	11.5	0.95	[9.6, 13.4]	276	9.5	0.90	[7.7, 11.2]	277	-2.0	
Still enrolled	11.4	1.06	[9.3, 13.5]	211	8.8	0.94	[7.0, 10.7]	212	-2.6	
No longer enrolled	11.7	2.09	[7.6, 15.9]	65	11.6	2.10	[7.4, 15.7]	65	-0.1	
Among respondents with COPD (2016 or 2017 survey and/or DW)	10.6	0.51	[9.6, 11.6]	844	8.8	0.46	[7.9, 9.7]	852	-1.8	
Still enrolled	10.3	0.57	[9.2, 11.4]	663	8.3	0.50	[7.3, 9.3]	671	-2.0	
No longer enrolled	11.9	1.11	[9.8, 14.1]	181	10.5	1.11	[8.3, 12.7]	181	-1.4	
Among respondents with diabetes (2016 or 2017 survey and/or DW)	10.1	0.53	[9.0, 11.1]	686	8.9	0.51	[7.9, 9.9]	694	-1.2	
Still enrolled	10.2	0.60	[9.1, 11.4]	546	9.0	0.58	[7.9, 10.1]	554	-1.2	
No longer enrolled	9.4	1.10	[7.3, 11.6]	140	8.6	1.01	[6.6, 10.6]	140	-0.8	
Among respondents with hypertension (2016 or 2017 survey and/or DW)	9.1	0.36	[8.4, 9.8]	1,528	7.3	0.32	[6.7, 8.0]	1,540	-1.8	
Still enrolled	9.1	0.41	[8.3, 9.9]	1,190	7.1	0.35	[6.4, 7.8]	1,202	-2.0	
No longer enrolled	8.9	0.75	[7.4, 10.4]	338	8.2	0.72	[6.8, 9.6]	338	-0.7	
Among respondents with heart disease (2016 or 2017 survey and/or DW)	10.6	0.64	[9.3, 11.8]	580	8.7	0.57	[7.6, 9.8]	585	-1.9	
Still enrolled	10.3	0.72	[8.9, 11.7]	447	8.4	0.62	[7.2, 9.6]	455	-1.9	
No longer enrolled	11.4	1.32	[8.8, 14.0]	133	10.0	1.33	[7.4, 12.6]	130	-1.4	

Note: Weighted means among chronic conditions subgroups, as defined by self-report and claims data.

1.5.7 Average decrease in days poor physical health (change 2016-2017) by experience of homelessness (2017), housing insecurity (2017), and employment (2017), among respondents still enrolled

	Mean	SE	95%CI	N
Homeless in the last 12 months (2017)				
Yes	-1.3	0.97	[-3.2, 0.7]	149
No	-1.4	0.26	[-2.0,- 0.9]	2192
Number of places lived in past 3 years (2017)				
One	-1.6	0.30	[-2.2,- 1.0]	1693
Two	-0.7	0.59	[-1.8, 0.5]	442
Three	-1.9	1.01	[-3.9, 0.1]	128
Four or more	-0.8	1.27	[-3.3, 1.7]	79
Employed/self-employed (2017)				
Yes	-1.5	0.31	[-2.1,- 0.9]	1306
No	-1.4	0.42	[-2.2,- 0.6]	1038
Total	-1.4	0.25	[-1.9,- 0.9]	2347

Notes: For homeless in the last 12 months, and number of places lived in past 3 years, respondents who answered "Don't know" were excluded from the analysis.

1.5.8 Average decrease in days poor physical health (change 2016-2017) by experience of homelessness (2017), housing insecurity (2017), employment (2017), and insurance status (2017), among respondents no longer enrolled

	Mean	SE	95%CI	N
Homeless in the last 12 months (2017)				
Yes	0.6	1.80	[-2.9, 4.2]	45
No	-1.0	0.39	[-1.8, - 0.3]	649
Number of places lived in past 3 years (2017)				
One	-0.9	0.47	[-1.9, - 0.0]	442
Two	-2.0	0.88	[-3.7, - 0.3]	159
Three	0.8	1.08	[-1.3, 2.9]	57
Four or more	0.7	1.75	[-2.7, 4.1]	38
Employed/self-employed (2017)				
Yes	-0.4	0.43	[-1.3, 0.5]	419
No	-1.8	0.75	[-3.2, - 0.3]	276
Insurance status (2017)				
Insured	-1.1	0.45	[-2.0, - 0.2]	499
Uninsured	-0.9	0.78	[-2.5, 0.6]	189
Total	-0.9	0.39	[-1.7, - 0.1]	696

Notes: For homeless in the last 12 months, number of places lived in past 3 years, and insurance status, respondents who answered "Don't know" were excluded from the analysis.

1.5.9 Days poor physical health (2016, 2017, change 2016-2017) by new chronic condition diagnosis (2016), among respondents with a chronic condition

	Days poor physical health								Delta Mean
	Mean	2016 SE	95%CI	N	Mean	2017 SE	95%CI	N	
New chronic condition diagnosis (2016)									
Yes	11.4	0.58	[10.2, 12.5]	625	9.4	0.54	[8.3, 10.5]	631	-2.0
No	7.2	0.30	[6.6, 7.8]	1,813	6.0	0.27	[5.4, 6.5]	1,819	

Notes: Two factor repeated measures ANOVA results, $F(1, 3,083) = 1.91, p = 0.1671$. New chronic condition diagnosis in 2016 was defined as a new diagnosis of asthma, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke in 2016 as indicated by self-report.

1.6 Days poor mental health (change 2016-2017)

1.6.1 Days poor mental health (2016, 2017, change 2016-2017) by follow-up group, demographic characteristics, presence of a chronic condition, presence of a mental health condition and/or substance use disorder, presence of a mental health condition, and presence of a substance use disorder, among all respondents

	Days poor mental health								Delta Mean
	Mean	2016 SE	95%CI	N	Mean	2017 SE	95%CI	N	
Follow-up group^a									
Still enrolled	6.1	0.28	[5.5, 6.6]	2,333	5.8	0.25	[5.3, 6.3]	2,364	-0.3
No longer enrolled	5.7	0.43	[4.8, 6.5]	698	6.0	0.48	[5.0, 6.9]	704	0.3
Age (DW)									
19-34	4.9	0.39	[4.2, 5.7]	892	5.2	0.36	[4.5, 6.0]	898	0.3
35-50	6.9	0.44	[6.0, 7.7]	951	6.8	0.43	[6.0, 7.7]	963	-0.1
51-64	6.3	0.38	[5.6, 7.0]	1,188	5.4	0.34	[4.7, 6.0]	1,207	-0.9
Gender (DW)									
Male	5.8	0.37	[5.1, 6.6]	1,207	5.1	0.33	[4.5, 5.8]	1,218	-0.7
Female	6.1	0.30	[5.5, 6.7]	1,824	6.4	0.29	[5.8, 7.0]	1,850	0.3
Race/ethnicity (2016)									
White, non-Hispanic	6.7	0.32	[6.1, 7.3]	2,021	6.2	0.29	[5.6, 6.8]	2,038	-0.5
Black, non-Hispanic	4.6	0.42	[3.8, 5.4]	621	4.7	0.44	[3.9, 5.6]	631	0.1
Hispanic	5.0	0.95	[3.1, 6.8]	136	5.0	0.82	[3.4, 6.6]	135	0.0
Other, non-Hispanic	5.7	0.84	[4.0, 7.4]	218	6.7	0.85	[5.1, 8.4]	226	1.0
FPL category (DW)									
0-35%	7.3	0.39	[6.5, 8.0]	1,197	6.7	0.36	[5.9, 7.4]	1,205	-0.6
36-99%	4.7	0.31	[4.1, 5.3]	1,056	5.1	0.32	[4.5, 5.8]	1,070	0.4
100%+	4.3	0.39	[3.6, 5.1]	778	4.6	0.38	[3.8, 5.3]	793	0.3
Region (DW)									
UP/NW/NE	6.2	0.49	[5.2, 7.1]	563	5.5	0.45	[4.6, 6.4]	568	-0.7
W/E Central/E	6.3	0.39	[5.6, 7.1]	955	6.5	0.40	[5.7, 7.3]	963	0.2
S Central/SW/SE	6.9	0.51	[5.9, 7.9]	624	6.8	0.43	[6.0, 7.7]	630	-0.1
Detroit Metro	5.3	0.41	[4.5, 6.1]	889	5.0	0.38	[4.2, 5.7]	907	-0.3
Chronic condition (2016 or 2017 survey and/or DW)^b									
No	2.3	0.36	[1.6, 3.0]	626	1.9	0.25	[1.4, 2.4]	623	-0.4
Yes	6.2	0.25	[5.7, 6.7]	2,418	6.0	0.24	[5.5, 6.5]	2,445	-0.2
Mental health condition and/or substance use disorder (DW)^c									
No	2.5	0.21	[2.1, 2.9]	1,334	2.5	0.21	[2.1, 2.9]	1,340	0.0
Yes	7.5	0.33	[6.9, 8.2]	1,710	7.1	0.30	[6.5, 7.7]	1,728	-0.4
Mental health condition (DW)^d									
No	2.6	0.20	[2.2, 3.0]	1,498	2.7	0.21	[2.3, 3.1]	1,505	0.1
Yes	8.0	0.36	[7.3, 8.7]	1,546	7.5	0.32	[6.9, 8.1]	1,563	-0.5
Substance use disorder (DW)^e									
No	4.4	0.22	[4.0, 4.8]	2,444	4.2	0.20	[3.8, 4.5]	2,459	-0.2
Yes	8.5	0.55	[7.4, 9.6]	600	8.3	0.53	[7.3, 9.4]	609	-0.3

^a Two factor repeated measures ANOVA results, $F(1, 3,077) = 1.34, p = 0.2463$.

^b Two factor repeated measures ANOVA results, $F(1, 3,077) = 0.01, p = 0.9170$.

^c Two factor repeated measures ANOVA results, $F(1, 3,077) = 0.07, p = 0.7890$.

^d Two factor repeated measures ANOVA results, $F(1, 3,077) = 0.06, p = 0.8075$.

^e Two factor repeated measures ANOVA results, $F(1, 3,077) = 1.79, p = 0.1813$.

1.6.2 Days poor mental health (2016, 2017, change 2016-2017), among all respondents and various subgroups

	Days poor mental health								Delta Mean
	Mean	2016 SE	95%CI	N	Mean	2017 SE	95%CI	N	
All follow-up respondents ^a	6.0	0.24	[5.5, 6.4]	3,031	5.8	0.22	[5.4, 6.3]	3,068	-0.2
Among those still enrolled ^b	6.1	0.28	[5.5, 6.6]	2,333	5.8	0.25	[5.3, 6.3]	2,364	-0.3
Among those no longer enrolled ^c	5.7	0.43	[4.8, 6.5]	698	6.0	0.48	[5.0, 6.9]	704	0.3
Among those no longer enrolled and uninsured ^d	5.6	0.80	[4.0, 7.1]	193	5.6	0.94	[3.7, 7.5]	193	0.0
Among those with a chronic condition (2016 or 2017 survey and/or DW) ^e	6.7	0.28	[6.1, 7.2]	2,411	6.5	0.26	[6.0, 7.1]	2,449	-0.2
Among respondents with two or more chronic conditions (2016 or 2017 survey and/or DW) ^f	7.9	0.35	[7.2, 8.6]	1,723	7.5	0.33	[6.9, 8.1]	1,750	-0.4
Among those with a mental health condition and/or substance use disorder (DW) ^g	8.9	0.36	[8.1, 9.6]	1,704	8.6	0.34	[8.0, 9.3]	1,726	-0.3
Among those with a mental health condition (DW) ^h	9.6	0.39	[8.8, 10.3]	1,539	9.3	0.36	[8.6, 10.1]	1,560	-0.3
Among those with a substance use disorder (DW) ⁱ	9.3	0.62	[8.1, 10.5]	602	8.5	0.57	[7.5, 9.7]	608	-0.7

^a Paired sample t-test results, difference in days = -0.2, t(2,998) = -1.07, p = 0.284, 95% CI (-0.7, 0.2)

^b Paired sample t-test results, difference in days = -0.4, t(2,303) = -1.55, p = 0.122, 95% CI (-0.9, 0.1)

^c Paired sample t-test results, difference in days = -0.2, t(683) = 0.53, p = 0.600, 95% CI (-0.7, 1.2)

^d Paired sample t-test results, difference in days = 0.0, t(181) = 0.04, p = 0.969, 95% CI (-1.9, 2.0)

^e Paired sample t-test results, difference in days = -0.2, t(2,385) = -0.90, p = 0.366, 95% CI (-0.7, 0.3)

^f Paired sample t-test results, difference in days = -0.5, t(1,700) = -1.45, p = 0.146, 95% CI (-1.1, 0.2)

^g Paired sample t-test results, difference in days = -0.3, t(1,676) = -0.88, p = 0.380, 95% CI (-1.0, 0.4)

^h Paired sample t-test results, difference in days = -0.3, t(1,512) = -0.78, p = 0.436, 95% CI (-1.0, 0.4)

ⁱ Paired sample t-test results, difference in days = -1.0, t(584) = -1.68, p = 0.094, 95% CI (-2.1, 0.2)

1.6.3 Predictors of days poor mental health (change 2016-2017), among all respondents

	Days poor mental health		
	Coef.	95% CI	p-value
Survey year			
2016		Reference	
2017	-0.23	[-0.658, 0.200]	0.296
Number of chronic conditions (DW)	1.32	[1.050, 1.598]	0.000
New chronic condition diagnosis in 2017 (from 2016-2017 survey and/or DW)			
No		Reference	
Yes	-0.00	[-1.083, 1.075]	0.994
Age (DW)			
19-34		Reference	
35-50	0.31	[-0.690, 1.307]	0.545
51-64	-1.53	[-2.475, -0.594]	0.001
Gender (DW)			
Male		Reference	
Female	1.06	[0.268, 1.861]	0.009
Race/ethnicity (2016)			
White, non-Hispanic		Reference	
Black, non-Hispanic	-2.40	[-3.279, -1.527]	0.000
Hispanic	-0.96	[-2.484, 0.564]	0.217
Other, non-Hispanic	-0.00	[-1.421, 1.412]	0.995
FPL category (DW)			
0-35%		Reference	
36-99%	-2.02	[-2.873, -1.163]	0.000
100%+	-2.49	[-3.417, -1.555]	0.000
Highest level of education (2017)			
High school or less		Reference	
Associate's degree/some college	0.28	[-0.572, 1.142]	0.515
Bachelor's/post graduate degree	-1.25	[-2.159, -0.333]	0.007
Constant	5.13	[3.993, 6.259]	0.000
Respondent	40.49	[34.774, 46.199]	0.000
Days poor mental health residuals	48.03	[43.126, 52.936]	0.000
N	6,013		
F-value	14.280		
Model degrees of freedom	13.000		
Residual degrees of freedom	3,032.000		
F-value significance	0.000		

Notes: Mixed effects linear regression. Variables are from both survey years unless otherwise noted. New chronic condition diagnosis in 2017 was defined as a new diagnosis of asthma, arthritis, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke in 2017 as indicated by self-report and/or data warehouse when there was no diagnosis present 2 years or 1 year before enrollment as indicated by self-report and/or data warehouse.

1.6.4 Interaction between days poor mental health (change 2016-2017) and presence of a chronic condition, among all respondents

	Days poor mental health*			Days poor mental health		
	Coef.	95% CI	p-value	Coef.	95% CI	p-value
Survey year						
2016		Reference			Reference	
2017	-0.31	[-1.140, 0.517]	0.461	-0.23	[-0.659, 0.201]	0.296
Chronic condition (2016 or 2017 survey and/or DW)						
No		Reference			Reference	
Yes	2.77	[1.717, 3.825]	0.000	2.82	[1.945, 3.704]	0.000
Survey year*Chronic condition (2016 or 2017 survey and/or DW)						
2017 × Yes	0.11	[-0.862, 1.077]	0.828			
Age (DW)						
19-34		Reference			Reference	
35-50	1.05	[0.025, 2.078]	0.045	1.05	[0.025, 2.078]	0.045
51-64	-0.33	[-1.292, 0.639]	0.507	-0.33	[-1.292, 0.639]	0.508
Gender (DW)						
Male		Reference			Reference	
Female	1.15	[0.342, 1.955]	0.005	1.15	[0.342, 1.955]	0.005
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	-2.37	[-3.274,- 1.460]	0.000	-2.37	[-3.274,- 1.460]	0.000
Hispanic	-1.18	[-2.719, 0.364]	0.134	-1.18	[-2.718, 0.365]	0.135
Other, non-Hispanic	0.05	[-1.406, 1.515]	0.942	0.05	[-1.406, 1.516]	0.941
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	-2.32	[-3.189,- 1.457]	0.000	-2.32	[-3.189,- 1.457]	0.000
100%+	-2.77	[-3.717,- 1.826]	0.000	-2.77	[-3.717,- 1.826]	0.000
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	0.14	[-0.735, 1.010]	0.757	0.14	[-0.735, 1.010]	0.757
Bachelor's/post graduate degree	-1.65	[-2.605,- 0.688]	0.001	-1.65	[-2.605,- 0.688]	0.001
Insurance status in 12 months prior to HMP (2016)						
Insured/Don't know		Reference			Reference	
Uninsured	-0.61	[-1.442, 0.217]	0.148	-0.61	[-1.442, 0.216]	0.147
Constant	5.42	[4.027, 6.805]	0.000	5.38	[4.062, 6.688]	0.000
Respondent	42.72	[37.002, 48.442]	0.000	42.72	[37.002, 48.443]	0.000
Days poor mental health residuals	48.07	[43.166, 52.984]	0.000	48.08	[43.166, 52.985]	0.000
N	6,009			6,009		
F-value	8.614			9.195		
Model degrees of freedom	14.000			13.000		
Residual degrees of freedom	3,030.000			3,030.000		
F-value significance	0.000			0.000		

Notes: Mixed effects linear regression. Chronic condition was defined as a diagnosis of asthma, arthritis, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke as indicated by self-report in 2016 or 2017 and/or data warehouse. Variables are from both survey years unless otherwise noted.

* Includes interaction term

1.6.5 Predictors of days poor mental health (change 2016-2017), among respondents still enrolled and respondents with two or more chronic conditions

	Days poor mental health ^a			Days poor mental health ^b		
	Coef.	95% CI	p-value	Coef.	95% CI	p-value
Survey year						
2016		Reference			Reference	
2017	-0.37	[-0.853, 0.113]	0.133	-0.42	[-1.058, 0.213]	0.193
New chronic condition diagnosis in 2017 (from 2016-2017 survey and/or DW)						
No		Reference			Reference	
Yes	-0.78	[-1.910, 0.343]	0.173	-0.02	[-1.283, 1.240]	0.974
Number of chronic conditions (DW)	1.50	[1.193, 1.808]	0.000	1.14	[0.635, 1.648]	0.000
Age (DW)						
19-34		Reference			Reference	
35-50	0.40	[-0.755, 1.561]	0.495	-0.24	[-1.963, 1.476]	0.781
51-64	-1.62	[-2.688, -0.557]	0.003	-2.19	[-3.793, -0.585]	0.008
Gender (DW)						
Male		Reference			Reference	
Female	1.21	[0.298, 2.132]	0.009	0.95	[-0.226, 2.126]	0.113
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	-2.38	[-3.408, -1.346]	0.000	-2.86	[-4.144, -1.574]	0.000
Hispanic	-0.68	[-2.512, 1.143]	0.463	-1.50	[-3.921, 0.916]	0.223
Other, non-Hispanic	-0.01	[-1.599, 1.575]	0.988	0.50	[-1.906, 2.910]	0.683
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	-1.94	[-2.902, -0.970]	0.000	-2.16	[-3.425, -0.903]	0.001
100%+	-2.68	[-3.693, -1.676]	0.000	-2.74	[-4.123, -1.360]	0.000
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	0.26	[-0.720, 1.230]	0.608	-0.07	[-1.300, 1.162]	0.912
Bachelor's/post graduate degree	-0.75	[-1.884, 0.382]	0.194	-1.26	[-2.903, 0.386]	0.134
Constant	4.74	[3.424, 6.062]	0.000	6.80	[4.280, 9.311]	0.000
Respondent	41.09	[34.472, 47.716]	0.000	54.58	[46.214, 62.937]	0.000
Days poor mental health residuals	48.03	[42.495, 53.571]	0.000	58.51	[51.293, 65.723]	0.000
N	4,631			3,422		
F-value	12.223			5.443		
Model degrees of freedom	13.000			13.000		
Residual degrees of freedom	2,335.000			1,722.000		
F-value significance	0.000			0.000		

Notes: Mixed effects linear regression. New chronic condition diagnosis in 2017 was defined as a new diagnosis of asthma, arthritis, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke in 2017 as indicated by self-report and/or data warehouse when there was no diagnosis present 2 years or 1 year before enrollment as indicated by self-report and/or data warehouse. Variables are from both survey years unless otherwise noted.

^a Analysis restricted to those still enrolled

^b Analysis restricted to those with two or more chronic conditions

1.6.6 Days poor mental health (2016, 2017, change 2016-2017) by follow-up group, among chronic condition subgroups

	Days poor mental health								
	Mean	2016 SE	95%CI	N	Mean	2017 SE	95%CI	N	Delta Mean
Among respondents with asthma (2016 or 2017 survey and/or DW)	7.5	0.48	[6.5, 8.4]	781	7.1	0.47	[6.2, 8.0]	789	-0.4
Still enrolled	8.0	0.56	[6.9, 9.1]	606	7.1	0.51	[6.1, 8.2]	610	-0.9
No longer enrolled	5.5	0.87	[3.8, 7.2]	175	7.0	1.10	[4.9, 9.2]	179	1.5
Among respondents with arthritis (2016 or 2017 survey and/or DW)	8.0	0.38	[7.2, 8.7]	1,356	7.7	0.36	[7.0, 8.4]	1,377	-0.3
Still enrolled	8.3	0.44	[7.4, 9.1]	1,069	7.6	0.40	[6.8, 8.4]	1,085	-0.7
No longer enrolled	7.0	0.75	[5.5, 8.5]	287	8.0	0.86	[6.3, 9.7]	292	1.0
Among respondents with cancer (2016 or 2017 survey and/or DW)	7.7	0.85	[6.0, 9.4]	274	6.7	0.80	[5.1, 8.2]	276	-1.0
Still enrolled	7.6	0.98	[5.7, 9.6]	211	6.2	0.78	[4.6, 7.7]	212	-1.4
No longer enrolled	7.9	1.74	[4.5, 11.4]	63	8.2	2.15	[4.0, 12.5]	64	0.3
Among respondents with COPD (2016 or 2017 survey and/or DW)	8.1	0.51	[7.1, 9.1]	835	7.9	0.49	[6.9, 8.8]	847	-0.2
Still enrolled	8.5	0.60	[7.3, 9.7]	655	7.9	0.54	[6.8, 8.9]	666	-0.6
No longer enrolled	6.6	0.85	[4.9, 8.2]	180	7.9	1.10	[5.7, 10.0]	181	1.3
Among respondents with diabetes (2016 or 2017 survey and/or DW)	8.0	0.57	[6.9, 9.1]	678	8.1	0.57	[7.0, 9.2]	695	0.1
Still enrolled	8.2	0.66	[6.9, 9.5]	539	8.2	0.64	[6.9, 9.4]	553	0.0
No longer enrolled	7.4	1.07	[5.3, 9.5]	139	7.7	1.18	[5.4, 10.0]	142	0.3
Among respondents with hypertension (2016 or 2017 survey and/or DW)	7.2	0.36	[6.5, 7.9]	1,517	6.9	0.34	[6.2, 7.6]	1,538	-0.3
Still enrolled	7.4	0.42	[6.6, 8.2]	1,181	6.7	0.37	[6.0, 7.5]	1,198	-0.7
No longer enrolled	6.6	0.68	[5.3, 7.9]	336	7.4	0.80	[5.9, 9.0]	340	0.8
Among respondents with heart disease (2016 or 2017 survey and/or DW)	8.2	0.63	[7.0, 9.5]	579	7.4	0.57	[6.2, 8.5]	588	-0.8
Still enrolled	8.1	0.74	[6.6, 9.6]	445	7.3	0.62	[6.1, 8.5]	454	-0.8
No longer enrolled	8.6	1.15	[6.3, 10.9]	134	7.6	1.31	[5.0, 10.1]	134	-1.0

Note: Weighted means among chronic conditions subgroups, as defined by self-report and claims data.

1.6.7 Average decrease in days poor mental health (change 2016-2017) by experience of homelessness (2017), housing insecurity (2017), and employment (2017), among respondents still enrolled

	Mean	SE	95%CI	N
Homeless in the last 12 months (2017)				
Yes	-2.6	1.14	[-4.9,- 0.4]	145
No	-0.2	0.25	[-0.7, 0.3]	2165
Number of places lived in past 3 years (2017)				
One	-0.3	0.27	[-0.9, 0.2]	1669
Two	-0.3	0.58	[-1.4, 0.8]	439
Three	-0.7	1.21	[-3.1, 1.7]	126
Four or more	-1.5	1.95	[-5.3, 2.3]	77
Employed/self-employed (2017)				
Yes	-0.3	0.30	[-0.9, 0.3]	1288
No	-0.5	0.41	[-1.3, 0.3]	1024
Total	-0.4	0.25	[-0.9, 0.1]	2315

Notes: For homeless in the last 12 months, and number of places lived in past 3 years, respondents who answered "Don't know" were excluded from the analysis.

1.6.8 Average decrease in days poor mental health (change 2016-2017) by experience of homelessness (2017), housing insecurity (2017), employment (2017), and insurance status (2017), among respondents no longer enrolled

	Mean	SE	95%CI	N
Homeless in the last 12 months (2017)				
Yes	-0.6	2.43	[-5.3, 4.2]	42
No	0.4	0.46	[-0.5, 1.3]	651
Number of places lived in past 3 years (2017)				
One	-0.0	0.53	[-1.1, 1.0]	442
Two	0.6	1.19	[-1.7, 2.9]	159
Three	0.6	1.63	[-2.6, 3.8]	57
Four or more	1.0	1.75	[-2.4, 4.4]	37
Employed/self-employed (2017)				
Yes	-0.4	0.48	[-1.3, 0.6]	418
No	1.3	0.96	[-0.6, 3.2]	276
Insurance status (2017)				
Insured	0.3	0.53	[-0.8, 1.3]	495
Uninsured	0.0	0.99	[-1.9, 2.0]	193
Total	0.2	0.47	[-0.7, 1.2]	695

Notes: For homeless in the last 12 months, number of places lived in past 3 years, and insurance status, respondents who answered "Don't know" were excluded from the analysis.

1.6.9 Days poor mental health (2016, 2017, change 2016-2017) by new chronic condition diagnosis (2016), among respondents with a chronic condition

	Days poor mental health								Delta Mean
	Mean	2016 SE	95%CI	N	Mean	2017 SE	95%CI	N	
New chronic condition diagnosis (2016)									
Yes	8.2	0.57	[7.0, 9.3]	626	8.0	0.58	[6.8, 9.1]	624	-0.2
No	6.2	0.32	[5.6, 6.8]	1,785	6.1	0.29	[5.5, 6.7]	1,825	

Notes: Two factor repeated measures ANOVA results, $F(1, 3,077) = 0.00$, $p = 0.9588$. New chronic condition diagnosis in 2016 was defined as a new diagnosis of asthma, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke in 2016 as indicated by self-report.

1.7 Days missed due to poor physical/mental health (change 2016-2017)

1.7.1 Days missed due to poor physical/mental health (2016, 2017, change 2016-2017) by follow-up group, demographic characteristics (2017), presence of a chronic condition, presence of a mental health condition and/or substance use disorder, presence of a mental health condition, presence of a substance use disorder, among all respondents

	Days missed due to poor physical/mental health								Delta Mean	
	Mean	2016 SE	95%CI	N	Mean	2017 SE	95%CI	N		
Follow-up group^a										
Still enrolled	5.2	0.23	[4.7, 5.7]	2,346	5.0	0.21	[4.6, 5.4]	2,366	-0.2	
No longer enrolled	5.5	0.47	[4.5, 6.4]	698	5.2	0.45	[4.3, 6.0]	702	-0.3	
Age (DW)										
19-34	3.0	0.31	[2.4, 3.6]	898	3.0	0.26	[2.5, 3.5]	900	0.0	
35-50	6.3	0.40	[5.5, 7.1]	951	6.0	0.37	[5.2, 6.7]	962	-0.3	
51-64	6.9	0.38	[6.2, 7.7]	1,195	6.5	0.37	[5.8, 7.3]	1,206	-0.4	
Gender (DW)										
Male	5.6	0.34	[4.9, 6.3]	1,206	5.1	0.31	[4.5, 5.7]	1,216	-0.5	
Female	5.0	0.26	[4.4, 5.5]	1,838	5.0	0.24	[4.5, 5.5]	1,852	0.0	
Race/ethnicity (2016)										
White, non-Hispanic	5.6	0.27	[5.1, 6.1]	2,022	5.2	0.24	[4.7, 5.7]	2,037	-0.4	
Black, non-Hispanic	4.5	0.42	[3.7, 5.4]	624	4.6	0.40	[3.8, 5.4]	633	0.1	
Hispanic	4.9	1.07	[2.8, 7.0]	136	4.7	0.87	[3.0, 6.4]	136	-0.2	
Other, non-Hispanic	5.3	0.71	[3.9, 6.7]	226	5.1	0.70	[3.7, 6.5]	224	-0.2	
FPL category (DW)										
0-35%	7.0	0.37	[6.3, 7.7]	1,196	6.1	0.33	[5.5, 6.8]	1,202	-0.9	
36-99%	3.7	0.26	[3.2, 4.2]	1,067	4.1	0.26	[3.6, 4.6]	1,076	0.4	
100%+	2.8	0.25	[2.3, 3.3]	781	3.5	0.33	[2.9, 4.1]	790	0.7	
Region (DW)										
UP/NW/NE	5.3	0.44	[4.5, 6.2]	560	5.2	0.42	[4.4, 6.0]	567	-0.1	
W/E Central/E	5.5	0.34	[4.8, 6.1]	965	5.6	0.34	[4.9, 6.3]	968	0.1	
S Central/SW/SE	5.9	0.47	[4.9, 6.8]	625	5.3	0.42	[4.5, 6.1]	630	-0.6	
Detroit Metro	4.8	0.36	[4.1, 5.5]	894	4.5	0.32	[3.9, 5.1]	903	-0.3	
Chronic condition (2016 or 2017 survey and/or DW)^b										
No	2.3	0.36	[1.6, 3.0]	626	1.9	0.25	[1.4, 2.4]	623	-0.4	
Yes	6.2	0.25	[5.7, 6.7]	2,418	6.0	0.24	[5.5, 6.5]	2,445	-0.2	
Mental health condition and/or substance use disorder (DW)^c										
No	2.5	0.21	[2.1, 2.9]	1,334	2.5	0.21	[2.1, 2.9]	1,340	0.0	
Yes	7.5	0.33	[6.9, 8.2]	1,710	7.1	0.30	[6.5, 7.7]	1,728	-0.4	
Mental health condition (DW)^d										
No	2.6	0.20	[2.2, 3.0]	1,498	2.7	0.21	[2.3, 3.1]	1,505	0.1	
Yes	8.0	0.36	[7.3, 8.7]	1,546	7.5	0.32	[6.9, 8.1]	1,563	-0.5	
Substance use disorder (DW)^e										
No	4.4	0.22	[4.0, 4.8]	2,444	4.2	0.20	[3.8, 4.5]	2,459	-0.2	
Yes	8.5	0.55	[7.4, 9.6]	600	8.3	0.53	[7.3, 9.4]	609	-0.3	

^a Two factor repeated measures ANOVA results, $F(1, 3,083) = 0.00, p = 0.9765$

^b Two factor repeated measures ANOVA results, $F(1, 3,083) = 0.13, p = 0.7182$

^c Two factor repeated measures ANOVA results, $F(1, 3,083) = 0.97, p = 0.3258$

^d Two factor repeated measures ANOVA results, $F(1, 3,083) = 1.69, p = 0.1940$

^e Two factor repeated measures ANOVA results, $F(1, 3,083) = 0.00, p = 0.9892$

1.7.2 Days missed due to poor physical/mental health (2016, 2017, change 2016-2017), among all respondents and various subgroups

	Days missed due to poor physical/mental health								Delta Mean
	Mean	2016 SE	95%CI	N	Mean	2017 SE	95%CI	N	
All follow-up respondents^a	5.3	0.21	[4.8, 5.7]	3,044	5.0	0.19	[4.7, 5.4]	3,068	-0.3
Among those still enrolled ^b	5.2	0.23	[4.7, 5.7]	2,346	5.0	0.21	[4.6, 5.4]	2,366	0.2
Among those no longer enrolled ^c	5.5	0.46	[4.6, 6.4]	698	5.2	0.44	[4.3, 6.0]	702	-0.3
Among those no longer enrolled and uninsured ^d	3.6	0.60	[2.4, 4.8]	191	4.0	0.85	[2.3, 5.6]	193	-0.4
Among those with a chronic condition (2016 or 2017 survey and/or DW) ^e	6.2	0.25	[5.7, 6.7]	2,418	6.0	0.24	[5.5, 6.5]	2,445	-0.2
Among respondents with two or more chronic conditions (2016 or 2017 survey and/or DW) ^f	7.7	0.32	[7.1, 8.4]	1,729	7.6	0.31	[7.0, 8.2]	1,744	-0.1
Among those with a mental health condition and/or substance use disorder (DW) ^g	7.5	0.33	[6.9, 8.2]	1,710	7.1	0.30	[6.5, 7.7]	1,728	-0.4
Among those with a mental health condition (DW) ^h	8.0	0.35	[7.3, 8.7]	1,546	7.5	0.32	[6.9, 8.1]	1,563	-0.5
Among those with a substance use disorder (DW) ⁱ	8.5	0.55	[7.4, 9.6]	600	8.3	0.53	[7.3, 9.4]	609	-0.2

^a Paired sample t-test results, difference in days = -0.2, $t(3,005) = -1.08$, $p = 0.282$, 95% CI (-0.6, 0.2)

^b Paired sample t-test results, difference in days = -0.2, $t(2,314) = -1.02$, $p = 0.306$, 95% CI (-0.7, 0.2)

^c Paired sample t-test results, difference in days = -0.2, $t(679) = -0.38$, $p = 0.708$, 95% CI (-1.0, 0.7)

^d Paired sample t-test results, difference in days = -0.3, $t(179) = -0.33$, $p = 0.743$, 95% CI (-1.7, 2.4)

^e Paired sample t-test results, difference in days = -0.2, $t(2,383) = -0.84$, $p = 0.400$, 95% CI (-0.7, 0.3)

^f Paired sample t-test results, difference in days = -0.2, $t(1,695) = -0.48$, $p = 0.632$, 95% CI (-0.8, 0.5)

^g Paired sample t-test results, difference in days = -0.4, $t(1,679) = -1.30$, $p = 0.195$, 95% CI (-1.0, 0.2)

^h Paired sample t-test results, difference in days = -0.5, $t(1,517) = -1.46$, $p = 0.145$, 95% CI (-1.1, 0.2)

ⁱ Paired sample t-test results, difference in days = -0.3, $t(582) = -0.51$, $p = 0.610$, 95% CI (-1.3, 0.8)

1.7.3 Predictors of days missed due to poor physical/mental health (change 2016-2017), among all respondents

	Days missed due to poor physical/mental health		
	Coef.	95% CI	p-value
Survey year			
2016		Reference	
2017	-0.24	[-0.641, 0.153]	0.229
Number of chronic conditions (DW)	1.84	[1.588, 2.102]	0.000
New chronic condition diagnosis in 2017 (from 2016-2017 survey and/or DW)			
No		Reference	
Yes	-0.51	[-1.472, 0.444]	0.293
Age (DW)			
19-34		Reference	
35-50	1.11	[0.351, 1.866]	0.004
51-64	0.71	[-0.099, 1.528]	0.085
Gender (DW)			
Male		Reference	
Female	-0.10	[-0.774, 0.566]	0.761
Race/ethnicity (2016)			
White, non-Hispanic		Reference	
Black, non-Hispanic	-1.52	[-2.245, -0.799]	0.000
Hispanic	0.54	[-1.155, 2.228]	0.534
Other, non-Hispanic	0.21	[-0.991, 1.416]	0.729
FPL category (DW)			
0-35%		Reference	
36-99%	-2.20	[-2.911, -1.497]	0.000
100%+	-2.84	[-3.586, -2.088]	0.000
Highest level of education (2017)			
High school or less		Reference	
Associate's degree/some college	-0.14	[-0.829, 0.541]	0.680
Bachelor's/post graduate degree	-0.84	[-1.763, 0.082]	0.074
Constant	3.12	[2.189, 4.054]	0.000
Respondent	30.81	[26.248, 35.380]	0.000
Days missed due to poor physical/mental health residuals	41.11	[36.736, 45.476]	0.000
N	6,024		
F-value	32.326		
Model degrees of freedom	13.000		
Residual degrees of freedom	3,037.000		
F-value significance	0.000		

Notes: Mixed effects linear regression. Variables are from both survey years unless otherwise noted. New chronic condition diagnosis in 2017 was defined as a new diagnosis of asthma, arthritis, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke in 2017 as indicated by self-report and/or data warehouse when there was no diagnosis present 2 years or 1 year before enrollment as indicated by self-report and/or data warehouse.

1.7.4 Interaction between days missed due to poor physical/mental health (change 2016-2017) and presence of a chronic condition, among all respondents

	Days missed due to poor physical/mental health*			Days missed due to poor physical/mental health		
	Coef.	95% CI	p-value	Coef.	95% CI	p-value
Survey year						
2016		Reference			Reference	
2017	-0.40	[-1.039, 0.237]	0.218	-0.24	[-0.638, 0.156]	0.234
Chronic condition (2016 or 2017 survey and/or DW)						
No		Reference			Reference	
Yes	2.84	[1.971, 3.718]	0.000	2.95	[2.253, 3.645]	0.000
Survey year*Chronic condition (2016 or 2017 survey and/or DW)						
2017 × Yes	0.21	[-0.591, 1.009]	0.609			
Age (DW)						
19-34		Reference			Reference	
35-50	2.28	[1.466, 3.100]	0.000	2.28	[1.465, 3.100]	0.000
51-64	2.63	[1.798, 3.458]	0.000	2.63	[1.798, 3.458]	0.000
Gender (DW)						
Male		Reference			Reference	
Female	0.04	[-0.668, 0.744]	0.916	0.04	[-0.668, 0.744]	0.916
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	-1.44	[-2.236,- 0.652]	0.000	-1.44	[-2.235,- 0.652]	0.000
Hispanic	0.24	[-1.541, 2.023]	0.791	0.24	[-1.541, 2.027]	0.790
Other, non-Hispanic	0.24	[-1.012, 1.483]	0.712	0.24	[-1.013, 1.483]	0.712
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	-2.61	[-3.361,- 1.861]	0.000	-2.61	[-3.362,- 1.861]	0.000
100%+	-3.24	[-4.022,- 2.463]	0.000	-3.24	[-4.022,- 2.463]	0.000
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	-0.34	[-1.073, 0.401]	0.372	-0.34	[-1.073, 0.401]	0.372
Bachelor's/post graduate degree	-1.43	[-2.385,- 0.483]	0.003	-1.43	[-2.386,- 0.483]	0.003
Insurance status in 12 months prior to HMP (2016)						
Insured/Don't know		Reference			Reference	
Uninsured	-0.52	[-1.189, 0.155]	0.132	-0.52	[-1.189, 0.155]	0.132
Constant	3.87	[2.704, 5.039]	0.000	3.79	[2.697, 4.885]	0.000
Respondent	36.13	[31.107, 41.158]	0.000	36.14	[31.109, 41.163]	0.000
Days missed due to poor physical/mental health residuals	41.09	[36.719, 45.452]	0.000	41.09	[36.719, 45.454]	0.000
N	6,020			6,020		
F-value	21.610			22.393		
Model degrees of freedom	14.000			13.000		
Residual degrees of freedom	3,035.000			3,035.000		
F-value significance	0.000			0.000		

B100

Notes: Mixed effects linear regression. Chronic condition was defined as a diagnosis of asthma, arthritis, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke as indicated by self-report in 2016 or 2017 and/or data warehouse. Variables are from both survey years unless otherwise noted.

* Includes interaction term

1.7.5 Predictors of days missed due to poor physical/mental health (change 2016-2017), among respondents still enrolled and respondents with two or more chronic conditions

	Days missed due to poor physical/mental health ^a			Days missed due to poor physical/mental health ^b		
	Coef.	95% CI	p-value	Coef.	95% CI	p-value
Survey year						
2016		Reference			Reference	
2017	-0.23	[-0.672, 0.219]	0.319	-0.16	[-0.786, 0.465]	0.615
New chronic condition diagnosis in 2017 (from 2016-2017 survey and/or DW)						
No		Reference			Reference	
Yes	-0.72	[-1.764, 0.334]	0.181	-0.37	[-1.534, 0.789]	0.529
Number of chronic conditions (DW)	1.93	[1.650, 2.200]	0.000	1.94	[1.454, 2.426]	0.000
Age (DW)						
19-34		Reference			Reference	
35-50	1.22	[0.378, 2.067]	0.005	1.67	[0.317, 3.016]	0.016
51-64	0.77	[-0.127, 1.672]	0.092	1.36	[0.032, 2.678]	0.045
Gender (DW)						
Male		Reference			Reference	
Female	-0.04	[-0.776, 0.690]	0.909	-0.87	[-1.927, 0.181]	0.104
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	-1.30	[-2.113, -0.495]	0.002	-1.76	[-2.930, -0.590]	0.003
Hispanic	0.08	[-1.379, 1.544]	0.912	0.42	[-2.025, 2.860]	0.737
Other, non-Hispanic	0.58	[-0.825, 1.988]	0.417	-0.22	[-2.356, 1.916]	0.840
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	-1.74	[-2.515, -0.972]	0.000	-2.99	[-4.086, -1.887]	0.000
100%+	-2.80	[-3.570, -2.025]	0.000	-3.80	[-4.997, -2.599]	0.000
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	0.08	[-0.661, 0.815]	0.837	0.03	[-1.047, 1.103]	0.959
Bachelor's/post graduate degree	-0.44	[-1.590, 0.700]	0.446	0.05	[-1.971, 2.071]	0.961
Constant	2.36	[1.448, 3.268]	0.000	3.04	[1.118, 4.967]	0.002
Respondent	29.12	[24.203, 34.040]	0.000	46.47	[39.400, 53.537]	0.000
Days missed due to poor physical/mental health residuals	40.61	[35.846, 45.380]	0.000	56.29	[49.551, 63.038]	0.000
N	4,644			3,421		
F-value	27.010			11.686		
Model degrees of freedom	13.000			13.000		
Residual degrees of freedom	2,339.000			1,727.000		
F-value significance	0.000			0.000		

B101

Notes: Mixed effects linear regression. New chronic condition diagnosis in 2017 was defined as a new diagnosis of asthma, arthritis, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke in 2017 as indicated by self-report and/or data warehouse when there was no diagnosis present 2 years or 1 year before enrollment as indicated by self-report and/or data warehouse. Variables are from both survey years unless otherwise noted.

^a Analysis restricted to those still enrolled

^b Analysis restricted to those with two or more chronic conditions

1.7.6 Days missed due to poor physical/mental health (2016, 2017, change 2016-2017) by follow-up group, among chronic condition subgroups

	Days missed due to poor physical or mental health								
	Mean	2016 SE	95%CI	N	Mean	2017 SE	95%CI	N	Delta Mean
Among respondents with asthma (2016 or 2017 survey and/or DW)	7.0	0.47	[6.0, 7.9]	784	6.6	0.43	[5.7, 7.4]	790	-0.4
Still enrolled	7.0	0.52	[6.0, 8.0]	608	6.7	0.47	[5.8, 7.6]	610	-0.3
No longer enrolled	6.8	1.12	[4.6, 9.0]	176	6.2	0.97	[4.3, 8.1]	180	-0.6
Among respondents with arthritis (2016 or 2017 survey and/or DW)	9.1	0.38	[8.3, 9.8]	1,353	8.6	0.37	[7.8, 9.3]	1,373	-0.5
Still enrolled	9.1	0.43	[8.3, 9.9]	1,068	8.3	0.40	[7.5, 9.1]	1,081	-0.8
No longer enrolled	9.0	0.86	[7.3, 10.7]	285	9.4	0.90	[7.7, 11.2]	292	0.4
Among respondents with cancer (2016 or 2017 survey and/or DW)	8.8	0.89	[7.0, 10.5]	270	7.6	0.82	[6.0, 9.2]	276	-1.2
Still enrolled	8.5	0.97	[6.6, 10.4]	207	7.0	0.82	[5.4, 8.6]	211	-1.5
No longer enrolled	9.7	2.18	[5.4, 14.0]	63	9.8	2.09	[5.6, 13.9]	65	0.1
Among respondents with COPD (2016 or 2017 survey and/or DW)	8.2	0.49	[7.2, 9.1]	836	8.0	0.44	[7.1, 8.8]	843	-0.2
Still enrolled	7.9	0.53	[6.8, 8.9]	659	7.8	0.48	[6.9, 8.8]	662	-0.1
No longer enrolled	9.3	1.16	[7.1, 11.6]	177	8.4	1.05	[6.3, 10.5]	181	-0.9
Among respondents with diabetes (2016 or 2017 survey and/or DW)	8.0	0.53	[7.0, 9.1]	686	7.6	0.49	[6.6, 8.5]	691	-0.4
Still enrolled	8.0	0.60	[6.8, 9.2]	545	7.6	0.56	[6.5, 8.7]	551	-0.4
No longer enrolled	8.0	1.14	[5.7, 10.2]	141	7.4	1.01	[5.5, 9.4]	140	-0.6
Among respondents with hypertension (2016 or 2017 survey and/or DW)	7.0	0.33	[6.4, 7.7]	1,517	6.9	0.32	[6.3, 7.5]	1,535	-0.1
Still enrolled	6.9	0.37	[6.2, 7.7]	1,183	6.8	0.34	[6.1, 7.5]	1,197	-0.1
No longer enrolled	7.5	0.76	[6.0, 9.0]	334	7.3	0.79	[5.8, 8.9]	338	-0.2
Among respondents with heart disease (2016 or 2017 survey and/or DW)	8.3	0.60	[7.1, 9.5]	576	8.5	0.57	[7.4, 9.7]	586	0.2
Still enrolled	8.0	0.66	[6.7, 9.3]	445	8.5	0.63	[7.2, 9.7]	451	0.5
No longer enrolled	9.6	1.36	[6.9, 12.3]	131	8.8	1.32	[6.2, 11.4]	135	-0.8

Note: Weighted means among chronic conditions subgroups, as defined by self-report and claims data.

1.7.7 Average decrease in days missed due to poor physical/mental health (change 2016-2017) by experience of homelessness (2017), housing insecurity (2017), and employment (2017), among respondents still enrolled

	Mean	SE	95%CI	N
Homeless in the last 12 months (2017)				
Yes	-1.4	1.15	[-3.7, 0.8]	143
No	-0.1	0.23	[-0.6, 0.3]	2177
Number of places lived in past 3 years (2017)				
One	-0.0	0.25	[-0.5, 0.5]	1677
Two	-0.3	0.49	[-1.3, 0.6]	440
Three	-0.7	1.06	[-2.8, 1.4]	125
Four or more	-3.1	1.75	[-6.6, 0.3]	79
Employed/self-employed (2017)				
Yes	-0.4	0.23	[-0.9, 0.0]	1296
No	0.0	0.42	[-0.8, 0.9]	1027
Total	-0.2	0.23	[-0.7, 0.2]	2326

Notes: For homeless in the last 12 months, and number of places lived in past 3 years, respondents who answered "Don't know" were excluded from the analysis.

1.7.8 Average decrease in days missed due to poor physical/mental health (change 2016-2017) by experience of homelessness (2017), housing insecurity (2017), employment (2017), and insurance status (2017), among respondents no longer enrolled

	Mean	SE	95%CI	N
Homeless in the last 12 months (2017)				
Yes	1.9	1.67	[-1.3, 5.2]	43
No	-0.3	0.45	[-1.2, 0.6]	646
Number of places lived in past 3 years (2017)				
One	-0.5	0.55	[-1.6, 0.5]	440
Two	-0.1	1.12	[-2.3, 2.1]	158
Three	1.0	0.93	[-0.8, 2.8]	55
Four or more	1.1	1.09	[-1.0, 3.3]	38
Employed/self-employed (2017)				
Yes	-0.0	0.40	[-0.8, 0.8]	417
No	-0.4	0.98	[-2.3, 1.5]	273
Insurance status (2017)				
Insured	-0.5	0.45	[-1.3, 0.4]	493
Uninsured	0.3	1.03	[-1.7, 2.4]	191
Total	-0.2	0.44	[-1.0, 0.7]	691

Notes: For homeless in the last 12 months, number of places lived in past 3 years, and insurance status, respondents who answered "Don't know" were excluded from the analysis.

1.7.9 Days missed due to poor physical/mental health (2016, 2017, change 2016-2017) by new chronic condition diagnosis (2016), among respondents with a chronic condition

	Days missed due to poor physical/mental health								Delta Mean
	Mean	2016 SE	95%CI	N	Mean	2017 SE	95%CI	N	
New chronic condition diagnosis (2016)									
Yes	9.2	0.59	[8.1, 10.4]	621	8.4	0.54	[7.3, 9.4]	628	-0.8
No	5.2	0.26	[4.7, 5.7]	1,797	5.2	0.26	[4.7, 5.7]	1,817	

Notes: Two factor repeated measures ANOVA results, $F(1, 3,083) = 2.81, p = 0.1396$. New chronic condition diagnosis in 2016 was defined as a new diagnosis of asthma, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke in 2016 as indicated by self-report.

1.8 Improved oral health

1.8.1 Improved oral health (2016 or 2017) by follow-up group, among all respondents

	Improved oral health (2016 or 2017)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Follow-up group					
Still enrolled (n=2,388)	49.3	[46.7, 51.9]	50.7	[48.1, 53.3]	100.0
No longer enrolled (n=709)	45.5	[41.0, 50.2]	54.5	[49.8, 59.0]	100.0
Pearson: Uncorrected chi2(1) =	3.1624				
Design-based F(1.00, 3085.00) =	1.9469	Pr =	0.163		
Total (n=3,097)	48.4	[46.2, 50.7]	51.6	[49.3, 53.8]	100.0

Notes: χ^2 test of independence. Improved oral health in this table was defined as respondents who reported in either 2016 or 2017 that their oral health got better in the past year.

1.8.2 Predictors of improved oral health (change 2016-2017), among all respondents

	Improved oral health		
	aOR	95% CI	p-value
Survey year			
2016		Reference	
2017	0.29	[0.236, 0.345]	0.000
Follow-up group			
Still enrolled		Reference	
No longer enrolled	0.75	[0.600, 0.944]	0.014
Any dental visit (DW)			
No		Reference	
Yes	8.29	[6.236, 11.020]	0.000
Age (DW)			
19-34		Reference	
35-50	0.79	[0.616, 1.025]	0.076
51-64	0.84	[0.664, 1.058]	0.137
Gender (DW)			
Male		Reference	
Female	0.92	[0.747, 1.123]	0.398
Race/ethnicity (2016)			
White, non-Hispanic		Reference	
Black, non-Hispanic	1.75	[1.372, 2.241]	0.000
Hispanic	0.96	[0.618, 1.483]	0.845
Other, non-Hispanic	1.44	[0.977, 2.117]	0.065
FPL category (DW)			
0-35%		Reference	
36-99%	0.96	[0.774, 1.184]	0.686
100%+	0.82	[0.645, 1.032]	0.090
Highest level of education (2017)			
High school or less		Reference	
Associate's degree/some college	0.88	[0.706, 1.087]	0.228
Bachelor's/post graduate degree	0.77	[0.552, 1.086]	0.138
Constant	0.17	[0.115, 0.238]	0.000
Respondent	2.71	[1.707, 4.307]	0.000
N	6,102		
F-value	23.336		
Model degrees of freedom	13.000		
Residual degrees of freedom	3,039.000		
F-value significance	0.000		

Notes: Mixed effects logistic regression. Variables are from both survey years unless otherwise noted.

1.8.3 Improved oral health (2016, 2017, change 2016-2017), among respondents still enrolled

	Improved oral health						Delta Percent
	Percent	2016 95%CI	N	Percent	2017 95%CI	N	
Among respondents still enrolled							
Oral health improved in the past year	41.0	[38.5, 43.6]	978	22.7	[20.6, 25.1]	504	-18.3
Oral health did not improve in the past year	59.0	[56.4, 61.5]	1,410	77.3	[74.9, 79.4]	1,884	

Notes: Improved oral health was defined as respondents who reported that their oral health got better in the past year.

1.8.4 Improved oral health (2017) by improved oral health (2016), among respondents still enrolled

	Improved oral health (2017)				Total	
	Yes Cell%	95%CI	No Cell%	95%CI	Cell%	95%CI
Improved oral health (2016)						
Yes (n=978)	14.4	[12.6, 16.4]	26.6	[24.4, 28.9]	41.0	[38.5, 43.6]
No (n=1,410)	8.3	[7.0, 9.9]	50.7	[48.1, 53.3]	59.0	[56.4, 61.5]
Total (n=2,388)	22.7	[20.6, 25.1]	77.3	[74.9, 79.4]	100.0	

Notes: Improved oral health was defined as respondents who reported that their oral health got better in the past year.

1.8.5 Predictors of improved oral health (change 2016-2017), among respondents still enrolled

	Improved oral health			Improved oral health		
	OR	95% CI	p-value	aOR	95% CI	p-value
Survey year						
2016		Reference			Reference	
2017	0.31	[0.254, 0.387]	0.000	0.31	[0.251, 0.387]	0.000
Any dental visit (DW)						
No					Reference	
Yes				9.40	[6.671, 13.248]	0.000
Age (DW)						
19-34					Reference	
35-50				0.88	[0.653, 1.192]	0.414
51-64				0.81	[0.611, 1.064]	0.127
Gender (DW)						
Male					Reference	
Female				0.93	[0.732, 1.190]	0.578
Race/ethnicity (2016)						
White, non-Hispanic					Reference	
Black, non-Hispanic				1.72	[1.286, 2.302]	0.000
Hispanic				1.05	[0.624, 1.769]	0.853
Other, non-Hispanic				1.42	[0.909, 2.208]	0.124
FPL category (DW)						
0-35%					Reference	
36-99%				0.99	[0.773, 1.271]	0.947
100%+				0.88	[0.672, 1.157]	0.364
Highest level of education (2017)						
High school or less					Reference	
Associate's degree/some college				0.91	[0.708, 1.174]	0.474
Bachelor's/post graduate degree				0.79	[0.521, 1.197]	0.265
Constant	0.60	[0.520, 0.701]	0.000	0.13	[0.085, 0.205]	0.000
Respondent	7.80	[3.832, 15.884]	0.000	3.20	[1.829, 5.609]	0.000
N	4,776			4,706		
F-value	115.620			19.184		
Model degrees of freedom	1.000			12.000		
Residual degrees of freedom	2,376.000			2,341.000		
F-value significance	0.000			0.000		

Notes: Mixed effects logistic regression. Variables are from both survey years unless otherwise noted. Improved oral health was defined as respondents who reported that their oral health got better in the past year.

1.8.6 Worsened oral health (2017) by follow-up group, among all respondents

	Worsened oral health (2017)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Follow-up group					
Still enrolled (n=2,388)	16.3	[14.5, 18.2]	83.7	[81.8, 85.5]	100.0
No longer enrolled (n=709)	23.0	[19.3, 27.2]	77.0	[72.8, 80.7]	100.0
Pearson: Uncorrected chi2(1) =	17.1512				
Design-based F(1.00, 3085.00) =	10.7298	Pr =	0.001		
Total (n=3,097)	17.8	[16.2, 19.6]	82.2	[80.4, 83.8]	100.0

Notes: χ^2 test of independence. Worsened oral health was defined as respondents who reported that their oral health got worse in the past year. $\phi = 0.07$

1.8.7 Predictors of worsened oral health (2017), among all respondents

	Worsened oral health (2017)		
	aOR	95% CI	p-value
Follow-up group			
Still enrolled		Reference	
No longer enrolled	1.67	[1.281, 2.176]	0.000
Any dental visit (DW)			
No		Reference	
Yes	1.00	[0.777, 1.281]	0.987
Age (DW)			
19-34		Reference	
35-50	1.51	[1.111, 2.062]	0.009
51-64	1.43	[1.067, 1.929]	0.017
Gender (DW)			
Male		Reference	
Female	1.17	[0.922, 1.497]	0.193
Race/ethnicity (2016)			
White, non-Hispanic		Reference	
Black, non-Hispanic	0.94	[0.698, 1.257]	0.665
Hispanic	0.99	[0.553, 1.762]	0.964
Other, non-Hispanic	0.87	[0.570, 1.334]	0.528
FPL category (DW)			
0-35%		Reference	
36-99%	0.82	[0.630, 1.069]	0.144
100%+	0.85	[0.637, 1.129]	0.259
Highest level of education (2017)			
High school or less		Reference	
Associate's degree/some college	0.86	[0.666, 1.112]	0.250
Bachelor's/post graduate degree	0.79	[0.553, 1.138]	0.208
Constant	0.17	[0.115, 0.239]	0.000
N	3,051		
F-value	2.656		
Model degrees of freedom	12.000		
Residual degrees of freedom	3,039.000		
F-value significance	0.002		

Notes: Multiple logistic regression. Worsened oral health was defined as respondents who reported that their oral health got worse in the past year.

2 Aim 2: To describe perceptions and understanding of Medicaid coverage, HMP policies, and cost-sharing and how these change over time with enrollment.

2.1 Knowledge of HMP covered benefits (change 2016-2017)

2.1.1 Knowledge of HMP covered benefits (2016, 2017, change 2016-2017), among respondents still enrolled

	Percent	2016 95%CI	N	Percent	2017 95%CI	N	Delta Percent
Knowledge that dental care is covered^a							
Yes	77.0	[74.7, 79.2]	1,857	81.6	[79.5, 83.5]	1,957	4.6
No/don't know	23.0	[20.8, 25.3]	528	18.4	[16.5, 20.5]	431	
Knowledge that eyeglasses are covered^b							
Yes	61.5	[58.9, 64.0]	1,535	67.9	[65.4, 70.3]	1,664	6.4
No/don't know	38.5	[36.0, 41.1]	850	32.1	[29.7, 34.6]	724	
Knowledge that counseling is covered^c							
Yes	56.3	[53.7, 58.8]	1,381	58.8	[56.2, 61.4]	1,449	2.5
No/don't know	43.7	[41.2, 46.3]	1,004	41.2	[38.6, 43.8]	939	

^a **Notes:** Mixed effects logistic regression results, $F(1, 2,376) = 14.21$, $p = 0.0002$; Knowledge that dental care is covered ('yes' response) in 2017 OR = 1.55, $p < 0.001$, 95% CI (1.2, 1.9)

^b **Notes:** Mixed effects logistic regression results, $F(1, 2,376) = 25.53$, $p < 0.0001$; Knowledge that eyeglasses are covered ('yes' response) in 2017 OR = 1.73, $p < 0.001$, 95% CI (1.4, 2.1)

^c **Notes:** Mixed effects logistic regression results, $F(1, 2,376) = 3.17$, $p = 0.0749$; Knowledge that counseling is covered ('yes' response) in 2017 OR = 1.19, $p = 0.075$, 95% CI (1.0, 1.4)

2.1.2 Predictors of knowledge that dental care is covered (change 2016-2017), among respondents still enrolled

	Knowledge that dental care is covered		
	aOR	95% CI	p-value
Survey year			
2016		Reference	
2017	1.51	[1.193, 1.903]	0.001
Need help reading written materials (2016)			
Never/rarely		Reference	
Sometimes/often/always	0.73	[0.464, 1.163]	0.188
Employed/self-employed			
Yes		Reference	
No	0.89	[0.635, 1.251]	0.506
Age (DW)			
19-34		Reference	
35-50	1.05	[0.681, 1.604]	0.839
51-64	1.02	[0.696, 1.503]	0.910
Gender (DW)			
Male		Reference	
Female	1.88	[1.328, 2.666]	0.000
Race/ethnicity (2016)			
White, non-Hispanic		Reference	
Black, non-Hispanic	0.97	[0.633, 1.485]	0.886
Hispanic	0.58	[0.292, 1.171]	0.130
Other, non-Hispanic	0.96	[0.524, 1.760]	0.897
FPL category (DW)			
0-35%		Reference	
36-99%	0.77	[0.520, 1.138]	0.189
100%+	0.63	[0.418, 0.957]	0.030
Highest level of education (2017)			
High school or less		Reference	
Associate's degree/some college	1.15	[0.794, 1.668]	0.458
Bachelor's/post graduate degree	1.57	[0.944, 2.597]	0.082
Constant	6.60	[3.670, 11.866]	0.000
Respondent	82.36	[17.751, 382.170]	0.000
N	4,690		
F-value	2.646		
Model degrees of freedom	13.000		
Residual degrees of freedom	2,338.000		
F-value significance	0.001		

Notes: Mixed effects logistic regression. Survey items assessing employment and student status differed between 2016 and 2017 as follows. In 2016, a single item asked "What is your current job status. Are you currently...?", with respondents asked to select only one response option: employed/self-employed, out of work (≥ 1 year), out of work (< 1 year), homemaker, student, retired, or unable to work. In 2017, items were asked separately: a) "Are you currently in school?" (yes/no); b) "Are you currently employed or self-employed?" (yes/no). Variables are from both survey years unless otherwise noted.

2.2 Knowledge of HMP covered benefits and costs (change 2016-2017)

2.2.1 Knowledge of HMP covered benefits and costs (2016, 2017, change 2016-2017), among respondents still enrolled

	Knowledge of HMP covered benefits and costs								
	Mean	2016 SE	95%CI	N	Mean	2017 SE	95%CI	N	Delta Mean
Among respondents still enrolled	3.1	0.04	[3.0, 3.2]	2,388	3.1	0.03	[3.0, 3.1]	2,388	0.0

Notes: Paired sample t-test results, difference in score = -0.4, $t(2,376) = -1.06$, $p = 0.288$, 95% CI (-0.1, 0.0). Knowledge of HMP covered benefits and costs is defined as the count of correct answers to a series of questions about HMP, which were common to both the 2016 and 2017 surveys (Range 0-6). These questions include: I could be dropped from the Healthy Michigan Plan for not paying my bill. Y/N/DK; I may get a reduction in the amount I might have to pay if I complete a health risk assessment. Y/N/DK; Some kinds of visits, tests and medicines have no copays. Y/N/DK; Do you think the following are covered under Healthy Michigan Plan, not covered, or you don't know: Eyeglasses, routine dental care, counseling for mental or emotional problems.

2.3 Knowledge of HMP cost-sharing requirements and healthy behavior rewards (change 2016-2017)

2.3.1 Knowledge of HMP cost-sharing requirements and healthy behavior rewards (2016, 2017, change 2016-2017), among respondents still enrolled

	Percent	2016 95%CI	N	Percent	2017 95%CI	N	Delta Percent
Some visits, tests, and medicines have no copays^a							
Yes	76.5	[74.1, 78.7]	1,887	72.4	[70.0, 74.6]	1,743	-4.1
No/don't know	23.5	[21.3, 25.9]	497	27.6	[25.4, 30.0]	644	
May get reduction by completing HRA^b							
Yes	27.7	[25.4, 30.1]	682	27.5	[25.2, 29.8]	691	-0.2
No/don't know	72.3	[69.9, 74.6]	1,701	72.5	[70.2, 74.8]	1,696	
Could be dropped from HMP for not paying^c							
No	13.3	[11.6, 15.1]	313	16.6	[14.9, 18.6]	409	3.3
Yes/don't know	86.7	[84.9, 88.4]	2,071	83.4	[81.4, 85.1]	1,978	

^a Mixed effects logistic regression results, $F(1, 2,376) = 7.47, p = 0.0063$; Some visits, tests, and medicines have no copays ('yes' response) in 2017 OR = 0.76, $p = 0.006$, 95% CI (0.6, 0.9)

^b Mixed effects logistic regression results, $F(1, 2,376) = 0.03, p = 0.8558$; May get reduction by completing HRA ('yes' response) in 2017 OR = 0.98, $p = 0.856$, 95% CI (0.8, 1.2)

^c Mixed effects logistic regression results, $F(1, 2,376) = 8.43, p = 0.0037$; Could be dropped from HMP for not paying ('no' response) in 2017 OR = 1.38, $p = 0.004$, 95% CI (1.1, 1.7). Respondents cannot be dropped from HMP for not paying, therefore "no" is the correct response on this cost-sharing requirement.

2.4 Experiences with MI Health Account (change 2016-2017)

2.4.1 Experiences with MI Health Account (2016, 2017, change 2016-2017), among respondents still enrolled

	Percent	2016 95%CI	N	Percent	2017 95%CI	N	Delta Percent
Received MIHA statement^a							
Yes	72.3	[69.8, 74.7]	1,836	78.4	[76.0, 80.6]	1,954	6.1
No/don't know	27.7	[25.3, 30.2]	552	21.6	[19.4, 24.0]	434	
Carefully review MIHA Statement^b							
Strongly agree/agree	89.3	[87.2, 91.0]	1,660	84.8	[82.6, 86.8]	1,693	-4.5
Strongly disagree/disagree/neutral/don't know	10.7	[9.0, 12.8]	174	15.2	[13.2, 17.4]	261	
MIHA Statements help me be aware of health care costs^c							
Strongly agree/agree	88.3	[86.4, 90.0]	1,610	82.6	[80.3, 84.7]	1,634	-5.7
Strongly disagree/disagree/neutral/don't know	11.7	[10.0, 13.6]	223	17.4	[15.3, 19.7]	320	
MIHA Statements led me to change health care decisions^d							
Strongly agree/agree	29.5	[26.9, 32.3]	530	31.0	[28.4, 33.7]	595	1.5
Strongly disagree/disagree/neutral/don't know	70.5	[67.7, 73.1]	1,303	69.0	[66.3, 71.6]	1,357	

Notes: MIHA = MI Health Account

^a Mixed effects logistic regression results, $F(1, 2,376) = 18.39, p < 0.0001$; Received MIHA statement ('yes' response) in 2017 OR = 1.68, $p < 0.001$, 95% CI (1.3, 2.1). Wording is different in survey years. In 2016 the wording used was, "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."; In 2017 the wording used was, "In the past year, have you received a statement from the state that showed the services you received through the Healthy Michigan Plan and how much you owe, if anything? It's called your MI Health Account Statement."

^b Mixed effects logistic regression results, $F(1, 2,132) = 11.88, p = 0.0006$; Carefully review MIHA Statement ('strongly agree/agree' response) in 2017 OR = 0.60, $p = 0.001$, 95% CI (0.4, 0.8)

^c Mixed effects logistic regression results, $F(1, 2,132) = 16.05, p = 0.0001$; MIHA Statements help me be aware of health care costs ('strongly agree/agree' response) in 2017 OR = 0.57, $p < 0.001$, 95% CI (0.4, 0.8)

^d Mixed effects logistic regression results, $F(1, 2,132) = 0.98, p = 0.3218$; MIHA Statements led me to change health care decisions ('strongly agree/agree' response) in 2017 OR = 1.10, $p = 0.322$, 95% CI (0.9, 1.4)

2.5 Perspectives on cost-sharing (2017)

2.5.1 Getting discounts for improving health is a good idea (2017), among respondents still enrolled

	Getting discounts for improving health is a good idea (2017)			N
	Mean	SE	95%CI	
Among respondents still enrolled	4.1	0.02	[4.1, 4.2]	2,387

Notes: Getting discounts for improving health is a good idea is measured on a 5-point Likert scale where 5 indicates "strongly agree" and 1 indicates "strongly disagree".

2.5.2 The amount I pay for HMP is affordable (2017), among still enrolled chronic condition subgroups

	The amount I pay for HMP is affordable (2017)												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	
Among respondents with asthma (2016 or 2017 survey and/or DW) (n=619)	26.4	[22.1, 31.2]	56.4	[51.3, 61.4]	8.2	[5.6, 11.8]	4.9	[3.3, 7.3]	1.6	[0.6, 3.8]	2.5	[1.1, 5.4]	100.0
Among respondents with arthritis (2016 or 2017 survey and/or DW) (n=1,097)	25.7	[22.6, 29.1]	60.1	[56.5, 63.7]	4.3	[2.9, 6.3]	5.6	[4.0, 7.7]	1.7	[0.9, 3.0]	2.7	[1.6, 4.3]	100.0
Among respondents with cancer (2016 or 2017 survey and/or DW) (n=213)	21.4	[15.3, 29.1]	66.9	[58.8, 74.1]	2.8	[1.4, 5.4]	6.7	[3.9, 11.3]	0.3	[0.0, 2.0]	1.9	[0.8, 4.3]	100.0
Among respondents with COPD (2016 or 2017 survey and/or DW) (n=674)	24.1	[20.0, 28.8]	62.8	[57.8, 67.5]	4.4	[2.7, 7.3]	4.2	[2.8, 6.4]	1.8	[1.0, 3.5]	2.6	[1.5, 4.5]	100.0
Among respondents with diabetes (2016 or 2017 survey and/or DW) (n=557)	23.4	[19.2, 28.1]	62.6	[57.4, 67.5]	3.8	[1.9, 7.3]	4.8	[3.2, 7.2]	1.8	[0.8, 3.8]	3.6	[2.1, 6.2]	100.0
Among respondents with hypertension (2016 or 2017 survey and/or DW) (n=1,207)	23.0	[20.2, 26.2]	64.8	[61.3, 68.1]	3.9	[2.7, 5.7]	4.6	[3.4, 6.3]	0.8	[0.4, 1.5]	2.9	[1.9, 4.4]	100.0
Among respondents with heart disease (2016 or 2017 survey and/or DW) (n=456)	21.2	[17.0, 26.1]	67.4	[61.8, 72.5]	4.8	[2.8, 8.3]	3.5	[2.1, 5.7]	1.1	[0.5, 2.4]	2.0	[1.0, 4.0]	100.0
Total (n=2,385)	24.7	[22.5, 27.0]	62.0	[59.4, 64.5]	4.6	[3.6, 5.9]	5.1	[4.1, 6.5]	1.0	[0.6, 1.6]	2.5	[1.8, 3.5]	100.0

2.6 Perspectives on cost-sharing (change 2016-2017)

2.6.1 Perspectives on cost-sharing (2016, 2017, change 2016-2017), among respondents still enrolled

	Percent	2016 95%CI	N	Percent	2017 95%CI	N	Delta Percent
The amount I have to pay overall for HMP seems fair^a							
Strongly agree/agree	88.7	[86.9, 90.2]	2,144	84.1	[82.1, 86.0]	2,064	-4.6
Strongly disagree/disagree/neutral/don't know	11.3	[9.8, 13.1]	240	15.9	[14.0, 17.9]	322	
The amount I pay for HMP is affordable^b							
Strongly agree/agree	90.1	[88.5, 91.5]	2,167	86.7	[84.8, 88.4]	2,089	-3.4
Strongly disagree/disagree/neutral/don't know	9.9	[8.5, 11.5]	218	13.3	[11.6, 15.2]	296	

^a Mixed effects logistic regression results, $F(1, 2,376) = 14.49$, $p = 0.0001$; The amount I have to pay overall for HMP seems fair ('strongly agree/agree' response) in 2017 OR = 0.60, $p < 0.001$, 95% CI (0.5, 0.9)

^b Mixed effects logistic regression results, $F(1, 2,376) = 9.21$, $p = 0.0024$; The amount I pay for HMP is affordable ('strongly agree/agree' response) in 2017 OR = 0.66, $p = 0.002$, 95% CI (0.5, 0.9)

2.7 Perspectives on HMP coverage (2017)

2.7.1 Having HMP has taken a lot of stress off me (2017), among still enrolled chronic condition subgroups

	Strongly agree		Agree		Having HMP has taken a lot of stress off me (2017)				Strongly disagree		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Neutral	Disagree	Disagree	Disagree	Row%	95%CI	Row%	95%CI	
Among respondents with asthma (2016 or 2017 survey and/or DW) (n=619)	40.2	[35.4, 45.3]	51.1	[46.0, 56.2]	4.7	[2.9, 7.5]	1.6	[0.8, 3.0]	2.1	[0.9, 4.8]	0.3	[0.1, 1.1]	100.0
Among respondents with arthritis (2016 or 2017 survey and/or DW) (n=1,098)	38.2	[34.8, 41.8]	55.2	[51.5, 58.7]	2.9	[1.8, 4.5]	1.9	[1.2, 3.1]	1.5	[0.7, 3.2]	0.3	[0.1, 0.8]	100.0
Among respondents with cancer (2016 or 2017 survey and/or DW) (n=213)	36.0	[28.7, 44.1]	57.9	[49.7, 65.8]	2.0	[0.8, 4.8]	3.5	[1.6, 7.6]	0.5	[0.1, 2.5]	0.0		100.0
Among respondents with COPD (2016 or 2017 survey and/or DW) (n=674)	39.0	[34.3, 43.9]	54.3	[49.3, 59.1]	3.8	[2.2, 6.6]	1.5	[0.8, 3.0]	1.1	[0.4, 2.9]	0.4	[0.1, 1.1]	100.0
Among respondents with diabetes (2016 or 2017 survey and/or DW) (n=557)	36.6	[31.8, 41.6]	57.7	[52.5, 62.7]	2.3	[1.2, 4.5]	1.2	[0.6, 2.5]	1.8	[0.7, 4.5]	0.4	[0.1, 1.6]	100.0
Among respondents with hypertension (2016 or 2017 survey and/or DW) (n=1,208)	37.5	[34.1, 41.0]	56.2	[52.6, 59.7]	2.6	[1.7, 4.0]	2.1	[1.2, 3.8]	1.2	[0.6, 2.6]	0.3	[0.1, 0.7]	100.0
Among respondents with heart disease (2016 or 2017 survey and/or DW) (n=456)	36.5	[31.0, 42.3]	59.1	[53.2, 64.8]	2.4	[1.4, 4.1]	1.2	[0.6, 2.6]	0.4	[0.1, 1.4]	0.3	[0.1, 1.5]	100.0
Total (n=2,387)	37.2	[34.8, 39.7]	54.2	[51.6, 56.8]	4.7	[3.7, 6.0]	2.8	[2.0, 3.8]	0.8	[0.4, 1.6]	0.2	[0.1, 0.5]	100.0

2.7.2 Without HMP I wouldn't be able to go to the doctor (2017), among still enrolled chronic condition subgroups

	Strongly agree		Agree		Without HMP I wouldn't be able to go to doctor (2017)				Strongly disagree		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Neutral Row%	95%CI	Disagree Row%	95%CI	Row%	95%CI	Row%	95%CI	
Among respondents with asthma (2016 or 2017 survey and/or DW) (n=619)	42.0	[37.1, 47.1]	48.4	[43.3, 53.5]	3.9	[2.2, 6.8]	4.1	[2.5, 6.5]	0.7	[0.2, 3.0]	0.9	[0.4, 2.1]	100.0
Among respondents with arthritis (2016 or 2017 survey and/or DW) (n=1,098)	40.9	[37.4, 44.5]	51.4	[47.7, 55.0]	2.2	[1.2, 4.0]	4.5	[3.2, 6.4]	0.4	[0.1, 1.3]	0.6	[0.3, 1.1]	100.0
Among respondents with cancer (2016 or 2017 survey and/or DW) (n=213)	39.2	[31.5, 47.4]	53.7	[45.3, 61.8]	1.5	[0.4, 4.7]	4.4	[2.1, 8.9]	0.3	[0.0, 1.9]	1.0	[0.3, 3.1]	100.0
Among respondents with COPD (2016 or 2017 survey and/or DW) (n=674)	41.4	[36.7, 46.3]	52.1	[47.2, 57.0]	2.1	[1.0, 4.6]	3.1	[2.0, 4.9]	0.3	[0.1, 1.1]	0.8	[0.3, 2.1]	100.0
Among respondents with diabetes (2016 or 2017 survey and/or DW) (n=557)	37.3	[32.5, 42.4]	53.0	[47.8, 58.2]	2.5	[1.4, 4.6]	4.8	[2.5, 9.1]	0.9	[0.3, 3.1]	1.4	[0.7, 2.9]	100.0
Among respondents with hypertension (2016 or 2017 survey and/or DW) (n=1,208)	39.0	[35.5, 42.5]	51.3	[47.7, 55.0]	2.7	[1.8, 4.0]	5.4	[3.7, 7.6]	0.7	[0.3, 1.7]	1.0	[0.5, 1.8]	100.0
Among respondents with heart disease (2016 or 2017 survey and/or DW) (n=456)	39.7	[34.1, 45.6]	52.3	[46.3, 58.3]	2.1	[1.1, 4.0]	4.5	[2.4, 8.4]	0.3	[0.1, 1.1]	1.1	[0.4, 3.0]	100.0
Total (n=2,388)	37.1	[34.6, 39.6]	51.4	[48.7, 54.0]	3.9	[3.0, 5.2]	6.3	[5.1, 7.8]	0.6	[0.3, 1.1]	0.8	[0.4, 1.5]	100.0

2.7.3 Without HMP I wouldn't be able to go to the dentist (2017), among still enrolled chronic condition subgroups

	Strongly agree		Agree		Without HMP I wouldn't be able to go to dentist (2017)				Strongly disagree		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Neutral	Disagree	Disagree	Disagree	Row%	95%CI	Row%	95%CI	
Among respondents with asthma (2016 or 2017 survey and/or DW) (n=619)	39.1	[34.3, 44.2]	45.7	[40.7, 50.8]	4.2	[2.5, 6.7]	6.6	[4.5, 9.5]	0.5	[0.1, 2.0]	4.0	[2.3, 6.9]	100.0
Among respondents with arthritis (2016 or 2017 survey and/or DW) (n=1,098)	37.1	[33.6, 40.7]	51.7	[48.1, 55.4]	3.6	[2.2, 5.8]	4.9	[3.6, 6.7]	0.3	[0.1, 0.7]	2.4	[1.6, 3.6]	100.0
Among respondents with cancer (2016 or 2017 survey and/or DW) (n=213)	32.2	[25.2, 40.1]	53.4	[45.0, 61.6]	1.5	[0.4, 5.4]	7.1	[3.9, 12.5]	0.9	[0.1, 6.4]	4.8	[2.4, 9.4]	100.0
Among respondents with COPD (2016 or 2017 survey and/or DW) (n=674)	37.7	[33.1, 42.6]	49.6	[44.6, 54.5]	3.0	[1.5, 5.8]	4.8	[3.1, 7.5]	0.5	[0.1, 1.7]	4.4	[2.3, 8.3]	100.0
Among respondents with diabetes (2016 or 2017 survey and/or DW) (n=557)	33.2	[28.6, 38.3]	52.2	[46.9, 57.4]	3.6	[2.3, 5.7]	7.1	[4.3, 11.6]	0.4	[0.1, 2.0]	3.4	[1.9, 6.1]	100.0
Among respondents with hypertension (2016 or 2017 survey and/or DW) (n=1,208)	34.7	[31.4, 38.2]	50.3	[46.6, 53.9]	3.9	[2.7, 5.6]	6.7	[4.9, 9.0]	0.4	[0.1, 0.9]	4.1	[2.6, 6.3]	100.0
Among respondents with heart disease (2016 or 2017 survey and/or DW) (n=456)	34.2	[28.9, 39.9]	51.1	[45.0, 57.1]	3.5	[1.7, 7.1]	6.2	[3.5, 10.8]	0.1	[0.0, 0.4]	5.0	[2.4, 10.2]	100.0
Total (n=2,388)	33.7	[31.3, 36.2]	49.9	[47.3, 52.5]	5.0	[3.9, 6.3]	7.7	[6.3, 9.3]	0.6	[0.4, 1.1]	3.0	[2.2, 4.3]	100.0

2.8 Perspectives on HMP coverage (change 2016-2017)

2.8.1 Perspectives on HMP coverage (2016, 2017, change 2016-2017), among respondents still enrolled

	Percent	2016 95%CI	N	Percent	2017 95%CI	N	Delta Percent
Having HMP has taken a lot of stress off me^a							
Strongly agree/agree	87.9	[86.0, 89.6]	2,139	91.4	[89.8, 92.9]	2,206	3.5
Strongly disagree/disagree/neutral/don't know	12.1	[10.4, 14.0]	248	8.6	[7.1, 10.2]	181	
Without HMP, I wouldn't be able to go to the doctor^b							
Strongly agree/agree	84.3	[82.3, 86.2]	2,028	88.4	[86.5, 90.1]	2,141	4.1
Strongly disagree/disagree/neutral/don't know	15.7	[13.8, 17.7]	358	11.6	[9.9, 13.5]	247	

^a Mixed effects logistic regression results, $F(1, 2,376) = 10.90$, $p = 0.0010$; Having HMP has taken a lot of stress off me ('strongly agree/agree' response) in 2017 OR = 1.69, $p = 0.001$, 95% CI (1.2, 2.3)

^b Mixed effects logistic regression results, $F(1, 2,376) = 13.45$, $p = 0.0003$; Without HMP, I wouldn't be able to go to the doctor ('strongly agree/agree' response) in 2017 OR = 1.69, $p < 0.001$, 95% CI (1.3, 2.2)

2.8.2 Importance of having health insurance (2016, 2017, change 2016-2017), among all respondents, respondents still enrolled, and respondents no longer enrolled

	Percent	2016 95%CI	N	Percent	2017 95%CI	N	Delta Percent
It is very important to me personally to have health insurance							
All respondents^a							
Strongly agree/agree	97.7	[96.8, 98.3]	3,028	97.3	[96.6, 97.9]	3,013	-0.4
Strongly disagree/disagree/neutral/don't know	2.3	[1.7, 3.2]	64	2.7	[2.1, 3.4]	84	
Among respondents still enrolled^b							
Strongly agree/agree	98.0	[96.9, 98.8]	2,342	97.6	[96.7, 98.2]	2,334	-0.4
Strongly disagree/disagree/neutral/don't know	2.0	[1.2, 3.1]	42	2.4	[1.8, 3.3]	54	
Among respondents no longer enrolled^c							
Strongly agree/agree	96.4	[94.3, 97.8]	686	96.4	[94.7, 97.6]	679	0.0
Strongly disagree/disagree/neutral/don't know	3.6	[2.2, 5.7]	22	3.6	[2.4, 5.3]	30	

^a Mixed effects logistic regression results, $F(1, 3,085) = 0.50$, $p = 0.4804$; It is very important to me personally to have health insurance ('strongly agree/agree' response) in 2017 OR = 0.84, $p = 0.480$, 95% CI (0.5, 1.4)

^b Mixed effects logistic regression results, $F(1, 2,376) = 0.62$, $p = 0.4309$; It is very important to me personally to have health insurance ('strongly agree/agree' response) in 2017 OR = 0.78, $p = 0.431$, 95% CI (0.4, 1.4)

^c Mixed effects logistic regression results, $F(1, 697) = 0.00$, $p = 0.9937$; It is very important to me personally to have health insurance ('strongly agree/agree' response) in 2017 OR = 1.00, $p = 0.994$, 95% CI (0.5, 2.2)

2.8.3 Importance of having health insurance (2016, 2017, change 2016-2017), among respondents still enrolled

	Having health insurance is important to me								Delta Mean
	Mean	2016 SE	95%CI	N	Mean	2017 SE	95%CI	N	
Among respondents still enrolled	4.4	0.02	[4.4, 4.5]	2384	4.4	0.02	[4.4, 4.4]	2388	0.0

Notes: Having health insurance is important to me is measured on a 5-point Likert scale where 5 indicates "strongly agree" and 1 indicates "strongly disagree".

2.9 Questions or problems using HMP (change 2016-2017)

2.9.1 Questions or problems using HMP (2016, 2017, change 2016-2017), among respondents still enrolled

	Percent	2016 95%CI	N	Percent	2017 95%CI	N	Delta Percent
Any questions about HMP^a							
Yes	15.6	[13.9, 17.5]	376	11.0	[9.5, 12.7]	263	-4.6
No/don't know	84.4	[82.5, 86.1]	2,012	89.0	[87.3, 90.5]	2,125	

^a Wording is different in survey years. In 2016, the wording used was "Have you had any questions or problems using your Healthy Michigan Plan insurance?"; in 2017, the wording used was "In the last 12 months, have you had any questions or problems using your Healthy Michigan Plan insurance?"

- 3 Aim 3: To understand financial and non-financial barriers and facilitators to care and how those change over time of enrollment and disenrollment.**

3.1 Forgone health care (2017)

3.1.1 Forgone health care in the last 12 months (2017) by presence of a chronic condition, among respondents still enrolled

	Chronic condition (2016 or 2017 survey and/or DW)					
	Yes		No		Total	
	Col%	95%CI	Col%	95%CI	Col%	95%CI
Forgone health care in last 12 months (2017)						
Yes (n=183)	9.1	[7.6, 10.9]	2.8	[1.6, 4.8]	7.8	[6.5, 9.2]
No/don't know (n=2,204)	90.9	[89.1, 92.4]	97.2	[95.2, 98.4]	92.2	[90.8, 93.5]
Pearson: Uncorrected chi2(1) =	29.9527					
Design-based F(1.00, 3084.00) =	18.4252	Pr =	0.000			
Forgone care: primary care (2017)						
Yes (n=74)	43.3	[34.2, 52.9]	41.2	[18.2, 68.8]	43.2	[34.5, 52.3]
No (n=109)	56.7	[47.1, 65.8]	58.8	[31.2, 81.8]	56.8	[47.7, 65.5]
Pearson: Uncorrected chi2(1) =	0.1149					
Design-based F(1.00, 880.00) =	0.0198	Pr =	0.888			
Forgone care: specialty care (2017)						
Yes (n=54)	29.1	[21.3, 38.3]	18.6	[3.6, 58.0]	28.3	[20.9, 37.0]
No (n=129)	70.9	[61.7, 78.7]	81.4	[42.0, 96.4]	71.7	[63.0, 79.1]
Pearson: Uncorrected chi2(1) =	3.4202					
Design-based F(1.00, 880.00) =	0.3946	Pr =	0.530			
Forgone care: mental health care (2017)						
Yes (n=13)	8.4	[4.1, 16.4]	19.7	[4.2, 58.1]	9.2	[4.8, 17.0]
No (n=170)	91.6	[83.6, 95.9]	80.3	[41.9, 95.8]	90.8	[83.0, 95.2]
Pearson: Uncorrected chi2(1) =	9.8059					
Design-based F(1.00, 880.00) =	1.1462	Pr =	0.285			
Forgone care: prescription medication (2017)						
Yes (n=34)	19.9	[13.4, 28.6]	27.5	[9.9, 56.7]	20.5	[14.2, 28.7]
No (n=149)	80.1	[71.4, 86.6]	72.5	[43.3, 90.1]	79.5	[71.3, 85.8]
Pearson: Uncorrected chi2(1) =	2.2376					
Design-based F(1.00, 880.00) =	0.3946	Pr =	0.530			

Notes: χ^2 test of independence.

3.1.2 Forgone health care in the last 12 months (2017) by presence of a mental health condition and/or substance use disorder, among respondents still enrolled

	Mental health condition and/or substance use disorder (DW)					
	Yes		No		Total	
	Col%	95%CI	Col%	95%CI	Col%	95%CI
Forgone health care in last 12 months (2017)						
Yes (n=183)	10.7	[8.8, 13.0]	4.0	[2.8, 5.8]	7.8	[6.5, 9.2]
No/don't know (n=2,204)	89.3	[87.0, 91.2]	96.0	[94.2, 97.2]	92.2	[90.8, 93.5]
Pearson: Uncorrected chi2(1) =	46.8109					
Design-based F(1.00, 3084.00) =	24.0807	Pr =	0.000			
Forgone care: primary care (2017)						
Yes (n=74)	42.5	[32.7, 53.0]	45.4	[28.4, 63.6]	43.2	[34.5, 52.3]
No (n=109)	57.5	[47.0, 67.3]	54.6	[36.4, 71.6]	56.8	[47.7, 65.5]
Pearson: Uncorrected chi2(1) =	0.5345					
Design-based F(1.00, 880.00) =	0.0726	Pr =	0.788			
Forgone care: specialty care (2017)						
Yes (n=54)	27.7	[19.3, 38.0]	30.2	[16.6, 48.3]	28.3	[20.9, 37.0]
No (n=129)	72.3	[62.0, 80.7]	69.8	[51.7, 83.4]	71.7	[63.0, 79.1]
Pearson: Uncorrected chi2(1) =	0.4719					
Design-based F(1.00, 880.00) =	0.0679	Pr =	0.794			
Forgone care: mental health care (2017)						
Yes (n=13)	12.0	[6.3, 21.6]	0.0	9.2	[4.8, 17.0]	
No (n=170)	88.0	[78.4, 93.7]	100.0	90.8	[83.0, 95.2]	
Pearson: Uncorrected chi2(1) =	26.7889					
Design-based F(1.00, 880.00) =	3.2729	Pr =	0.071			
Forgone care: prescription medication (2017)						
Yes (n=34)	19.8	[12.8, 29.5]	22.7	[11.3, 40.4]	20.5	[14.2, 28.7]
No (n=149)	80.2	[70.5, 87.2]	77.3	[59.6, 88.7]	79.5	[71.3, 85.8]
Pearson: Uncorrected chi2(1) =	0.8051					
Design-based F(1.00, 880.00) =	0.1182	Pr =	0.731			

Notes: χ^2 test of independence.

3.1.3 Forgone health care in the last 12 months (2017) by presence of a mental health condition, among respondents still enrolled

	Mental health condition (DW)					
	Yes		No		Total	
	Col%	95%CI	Col%	95%CI	Col%	95%CI
Forgone health care in last 12 months (2017)						
Yes (n=183)	10.7	[8.6, 13.1]	4.9	[3.6, 6.7]	7.8	[6.5, 9.2]
No/don't know (n=2,204)	89.3	[86.9, 91.4]	95.1	[93.3, 96.4]	92.2	[90.8, 93.5]
Pearson: Uncorrected chi2(1) =	35.9954					
Design-based F(1.00, 3084.00) =	17.6598	Pr =	0.000			
Forgone care: primary care (2017)						
Yes (n=74)	39.7	[29.7, 50.7]	50.6	[35.2, 66.0]	43.2	[34.5, 52.3]
No (n=109)	60.3	[49.3, 70.3]	49.4	[34.0, 64.8]	56.8	[47.7, 65.5]
Pearson: Uncorrected chi2(1) =	9.3007					
Design-based F(1.00, 880.00) =	1.2426	Pr =	0.265			
Forgone care: specialty care (2017)						
Yes (n=54)	30.2	[21.0, 41.3]	24.0	[13.5, 38.8]	28.3	[20.9, 37.0]
No (n=129)	69.8	[58.7, 79.0]	76.0	[61.2, 86.5]	71.7	[63.0, 79.1]
Pearson: Uncorrected chi2(1) =	3.7088					
Design-based F(1.00, 880.00) =	0.5387	Pr =	0.463			
Forgone care: mental health care (2017)						
Yes (n=13)	11.9	[6.0, 22.3]	3.3	[0.5, 20.2]	9.2	[4.8, 17.0]
No (n=170)	88.1	[77.7, 94.0]	96.7	[79.8, 99.5]	90.8	[83.0, 95.2]
Pearson: Uncorrected chi2(1) =	16.8654					
Design-based F(1.00, 880.00) =	1.8077	Pr =	0.179			
Forgone care: prescription medication (2017)						
Yes (n=34)	21.0	[13.3, 31.5]	19.4	[10.3, 33.7]	20.5	[14.2, 28.7]
No (n=149)	79.0	[68.5, 86.7]	80.6	[66.3, 89.7]	79.5	[71.3, 85.8]
Pearson: Uncorrected chi2(1) =	0.2952					
Design-based F(1.00, 880.00) =	0.0433	Pr =	0.835			

Notes: χ^2 test of independence.

3.1.4 Forgone health care in the last 12 months (2017) by presence of a substance use disorder, among respondents still enrolled

	Substance use disorder (DW)					
	Yes		No		Total	
	Col%	95%CI	Col%	95%CI	Col%	95%CI
Forgone health care in last 12 months (2017)						
Yes (n=183)	13.6	[10.1, 17.9]	6.2	[5.0, 7.6]	7.8	[6.5, 9.2]
No/don't know (n=2,204)	86.4	[82.1, 89.9]	93.8	[92.4, 95.0]	92.2	[90.8, 93.5]
Pearson: Uncorrected chi2(1) =	40.1271					
Design-based F(1.00, 3084.00) =	18.7535	Pr =	0.000			
Forgone care: primary care (2017)						
Yes (n=74)	52.7	[37.6, 67.3]	37.3	[27.3, 48.6]	43.2	[34.5, 52.3]
No (n=109)	47.3	[32.7, 62.4]	62.7	[51.4, 72.7]	56.8	[47.7, 65.5]
Pearson: Uncorrected chi2(1) =	20.2768					
Design-based F(1.00, 880.00) =	2.5706	Pr =	0.109			
Forgone care: specialty care (2017)						
Yes (n=54)	16.5	[7.6, 32.2]	35.4	[25.7, 46.5]	28.3	[20.9, 37.0]
No (n=129)	83.5	[67.8, 92.4]	64.6	[53.5, 74.3]	71.7	[63.0, 79.1]
Pearson: Uncorrected chi2(1) =	36.8190					
Design-based F(1.00, 880.00) =	4.2867	Pr =	0.039			
Forgone care: mental health care (2017)						
Yes (n=13)	9.8	[4.0, 21.8]	8.9	[3.5, 20.7]	9.2	[4.8, 17.0]
No (n=170)	90.2	[78.2, 96.0]	91.1	[79.3, 96.5]	90.8	[83.0, 95.2]
Pearson: Uncorrected chi2(1) =	0.1822					
Design-based F(1.00, 880.00) =	0.0211	Pr =	0.885			
Forgone care: prescription medication (2017)						
Yes (n=34)	20.9	[11.2, 35.4]	20.3	[12.7, 30.8]	20.5	[14.2, 28.7]
No (n=149)	79.1	[64.6, 88.8]	79.7	[69.2, 87.3]	79.5	[71.3, 85.8]
Pearson: Uncorrected chi2(1) =	0.0441					
Design-based F(1.00, 880.00) =	0.0058	Pr =	0.939			

Notes: χ^2 test of independence.

3.1.5 Predictors of forgone health care in the last 12 months (2017), among respondents still enrolled

	Forgone health care in last 12 months (2017)			Forgone health care in last 12 months (2017)			Forgone health care in last 12 months (2017)			Forgone health care in last 12 months (2017)		
	aOR	95% CI	p-value									
Chronic condition (2016 or 2017 survey and/or DW)												
No		Reference										
Yes	4.07	[2.102, 7.874]	0.000									
Age (DW)												
19-34		Reference										
35-50	0.97	[0.583, 1.618]	0.911	1.14	[0.679, 1.902]	0.626	1.16	[0.695, 1.943]	0.567	1.12	[0.668, 1.864]	0.677
51-64	1.01	[0.606, 1.670]	0.981	1.37	[0.833, 2.265]	0.214	1.40	[0.846, 2.320]	0.190	1.25	[0.763, 2.062]	0.371
Gender (DW)												
Male		Reference										
Female	1.05	[0.701, 1.567]	0.820	1.05	[0.705, 1.572]	0.803	1.01	[0.674, 1.509]	0.969	1.20	[0.792, 1.826]	0.387
Race/ethnicity (2016)												
White, non-Hispanic		Reference										
Black, non-Hispanic	0.87	[0.529, 1.415]	0.565	1.07	[0.653, 1.738]	0.799	1.08	[0.666, 1.751]	0.755	0.85	[0.520, 1.405]	0.536
Hispanic	0.85	[0.318, 2.245]	0.736	0.87	[0.330, 2.290]	0.777	0.88	[0.331, 2.348]	0.800	0.83	[0.325, 2.119]	0.696
Other, non-Hispanic	1.21	[0.635, 2.294]	0.567	1.26	[0.660, 2.410]	0.482	1.22	[0.641, 2.329]	0.543	1.22	[0.639, 2.345]	0.542
FPL category (DW)												
0-35%		Reference										
36-99%	0.50	[0.318, 0.784]	0.003	0.54	[0.345, 0.855]	0.008	0.53	[0.335, 0.830]	0.006	0.53	[0.340, 0.840]	0.007
100%+	0.71	[0.426, 1.176]	0.182	0.75	[0.453, 1.250]	0.272	0.74	[0.445, 1.228]	0.244	0.76	[0.460, 1.268]	0.296
Highest level of education (2017)												
High school or less		Reference										
Associate's degree/some college	1.16	[0.753, 1.778]	0.506	1.13	[0.731, 1.738]	0.588	1.09	[0.706, 1.680]	0.699	1.21	[0.789, 1.851]	0.385
Bachelor's/post graduate degree	1.69	[0.948, 3.007]	0.075	1.71	[0.959, 3.058]	0.069	1.59	[0.893, 2.820]	0.115	1.75	[0.977, 3.126]	0.060
Mental health condition and/or substance use disorder (DW)												
No					Reference							
Yes				2.95	[1.877, 4.634]	0.000						
Mental health condition (DW)												
No							2.37	[1.569, 3.588]	0.000			
Yes												
Substance use disorder (DW)												
No											Reference	
Yes										2.53	[1.631, 3.919]	0.000
Constant	0.03	[0.013, 0.060]	0.000	0.04	[0.019, 0.066]	0.000	0.05	[0.025, 0.083]	0.000	0.06	[0.031, 0.098]	0.000
N	2,352			2,352			2,352			2,352		
F-value	2.442			3.602			2.841			3.194		
Model degrees of freedom	11.000			11.000			11.000			11.000		
Residual degrees of freedom	2,340.000			2,340.000			2,340.000			2,340.000		
F-value significance	0.005			0.000			0.001			0.000		

B130

Notes: Multiple logistic regression. Chronic condition was defined as a diagnosis of asthma, arthritis, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke as indicated by self-report in 2016 or 2017 and/or data warehouse.

3.1.6 Forgone health care since HMP coverage ended (2017) by insurance status, detailed (2017), among respondents no longer enrolled

Insurance status, detailed (2017)	Forgone health care since HMP coverage ended (2017)				Total Row%
	Yes Row%	95%CI	No/don't know Row%	95%CI	
Uninsured (n=193)	30.4	[22.4, 39.8]	69.6	[60.2, 77.6]	100.0
Medicaid (n=202)	10.1	[5.7, 17.3]	89.9	[82.7, 94.3]	100.0
Private, job (n=136)	5.9	[3.3, 10.3]	94.1	[89.7, 96.7]	100.0
Private, self or other, healthcare.gov (n=32)	13.6	[5.5, 29.8]	86.4	[70.2, 94.5]	100.0
Medicare, VA, or CHAMPUS (n=103)	20.7	[12.0, 33.3]	79.3	[66.7, 88.0]	100.0
Other, unspecified, or unknown (n=42)	17.9	[7.9, 35.6]	82.1	[64.4, 92.1]	100.0
Pearson: Uncorrected chi2(5) =	206.4810				
Design-based F(4.61, 14231.40) =	7.0903	Pr =	0.000		

Notes: χ^2 test of independence. Cramer's V= 0.26.

3.1.7 Predictors of forgone health care since HMP coverage ended (2017), among respondents no longer enrolled

	Forgone health care since HMP coverage ended (2017)		
	aOR	95% CI	p-value
Insurance status, detailed (2017)			
Uninsured		Reference	
Medicaid	0.25	[0.111, 0.567]	0.001
Private, job	0.12	[0.056, 0.258]	0.000
Private, self or other, healthcare.gov	0.32	[0.097, 1.072]	0.065
Medicare, VA, or CHAMPUS	0.71	[0.290, 1.739]	0.453
Other, unspecified, or unknown	0.61	[0.224, 1.670]	0.336
Employed/self-employed (2017)			
Yes		Reference	
No	1.08	[0.585, 2.000]	0.802
Married or partnered (2017)			
No		Reference	
Yes	0.65	[0.373, 1.128]	0.125
Chronic condition (2016 or 2017 survey and/or DW)			
No		Reference	
Yes	1.05	[0.561, 1.976]	0.874
Number of places lived in past 3 years (2017)			
One		Reference	
Two	1.40	[0.768, 2.562]	0.270
Three	0.76	[0.316, 1.808]	0.528
Four or more	0.58	[0.142, 2.366]	0.447
Urbanicity (DW)			
Urban		Reference	
Suburban	0.48	[0.205, 1.107]	0.085
Rural	0.44	[0.208, 0.925]	0.030
Age (DW)			
19-34		Reference	
35-50	1.36	[0.718, 2.596]	0.343
51-64	0.72	[0.332, 1.565]	0.408
Gender (DW)			
Male		Reference	
Female	1.43	[0.850, 2.422]	0.177
Race/ethnicity (DW)			
White, non-Hispanic		Reference	
Black, non-Hispanic	0.25	[0.123, 0.526]	0.000
Hispanic	0.62	[0.163, 2.352]	0.480
Other, non-Hispanic	0.52	[0.202, 1.335]	0.174
FPL category (DW)			
0-35%		Reference	
36-99%	0.59	[0.293, 1.177]	0.134
100%+	1.02	[0.529, 1.965]	0.954
Highest level of education (2017)			
High school or less		Reference	
Associate's degree/some college	1.47	[0.781, 2.771]	0.232
Bachelor's/post graduate degree	1.58	[0.769, 3.232]	0.214
Constant	0.57	[0.224, 1.472]	0.248
N	695		
F-value	2.763		
Model degrees of freedom	23.000		
Residual degrees of freedom	683.000		
F-value significance	0.000		

Notes: Multiple logistic regression. Chronic condition was defined as a diagnosis of asthma, arthritis, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke as indicated by self-report in 2016 or 2017 and/or data warehouse. For number of places lived in past 3 years, respondents who answered "Don't know" were excluded from the analysis.

3.1.8 Forgone health care (2017) by follow-up group, among all respondents

	Forgone health care (2017)				Total Row%
	Yes Row%	95%CI	No/don't know Row%	95%CI	
Follow-up group					
Still enrolled (n=2,388)	7.8	[6.5, 9.2]	92.2	[90.8, 93.5]	100.0
No longer enrolled (n=709)	17.1	[13.7, 21.2]	82.9	[78.8, 86.3]	100.0
Pearson: Uncorrected chi2(1) =	53.8174				
Design-based F(1.00, 3085.00) =	31.0191	Pr =	0.000		
Total (n=3,097)	9.9	[8.6, 11.4]	90.1	[88.6, 91.4]	100.0

Notes: χ^2 test of independence. Forgone health care was defined as respondents who reported forgone health care either in the last 12 months for respondents still enrolled or since HMP coverage ended for respondents no longer enrolled. $\phi = 0.13$

3.1.9 Forgone health care (2017) by follow-up group, among chronic condition subgroups

	Yes		Forgone health care No		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Among respondents with asthma (2016 or 2017 survey and/or DW)							
Still enrolled (n=619)	9.8	[7.1, 13.4]	90.2	[86.6, 92.9]	0.0		100.0
No longer enrolled (n=181)	17.0	[11.2, 25.1]	82.1	[73.9, 88.1]	0.9	[0.1, 5.8]	100.0
Among respondents with arthritis (2016 or 2017 survey and/or DW)							
Still enrolled (n=1,098)	11.6	[9.4, 14.2]	88.1	[85.5, 90.2]	0.3	[0.1, 1.0]	100.0
No longer enrolled (n=294)	16.1	[11.9, 21.5]	82.2	[76.4, 86.8]	1.7	[0.4, 6.9]	100.0
Among respondents with cancer (2016 or 2017 survey and/or DW)							
Still enrolled (n=213)	6.6	[3.8, 11.5]	93.1	[88.3, 96.1]	0.2	[0.0, 1.7]	100.0
No longer enrolled (n=65)	10.2	[4.8, 20.3]	89.8	[79.7, 95.2]	0.0		100.0
Among respondents with COPD (2016 or 2017 survey and/or DW)							
Still enrolled (n=674)	10.6	[7.9, 14.2]	89.4	[85.8, 92.1]	0.0		100.0
No longer enrolled (n=183)	14.1	[8.9, 21.5]	85.0	[77.5, 90.4]	0.9	[0.1, 6.2]	100.0
Among respondents with diabetes (2016 or 2017 survey and/or DW)							
Still enrolled (n=557)	9.6	[7.0, 13.1]	90.3	[86.8, 92.9]	0.1	[0.0, 1.0]	100.0
No longer enrolled (n=142)	19.4	[12.5, 29.0]	80.6	[71.0, 87.5]	0.0		100.0
Among respondents with hypertension (2016 or 2017 survey and/or DW)							
Still enrolled (n=1,208)	10.9	[8.8, 13.5]	89.1	[86.5, 91.2]	0.0		100.0
No longer enrolled (n=342)	17.1	[12.8, 22.5]	82.5	[77.0, 86.8]	0.5	[0.1, 3.2]	100.0
Among respondents with heart disease (2016 or 2017 survey and/or DW)							
Still enrolled (n=456)	12.0	[8.7, 16.4]	87.9	[83.5, 91.2]	0.1	[0.0, 0.7]	100.0
No longer enrolled (n=136)	20.8	[13.6, 30.6]	79.2	[69.4, 86.4]	0.0		100.0
Total (n=2,387)	7.8	[6.5, 9.2]	92.1	[90.6, 93.4]	0.1	[0.0, 0.4]	100.0

3.2 Forgone health care due to financial reasons (2017)

3.2.1 Forgone health care due to financial reasons (2017) by follow-up group, among respondents still enrolled and those no longer enrolled

	Forgone health care due to financial reasons (2017)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Follow-up group					
Still enrolled (n=2,388)	1.6	[1.1, 2.3]	98.4	[97.7, 98.9]	100.0
No longer enrolled (n=709)	13.5	[10.3, 17.4]	86.5	[82.6, 89.7]	100.0
Pearson: Uncorrected chi2(1) =	188.2382				
Design-based F(1.00, 3085.00) =	121.7478	Pr =	0.000		
Total (n=3,097)	4.3	[3.5, 5.4]	95.7	[94.6, 96.5]	100.0

Note: χ^2 test of independence. Forgone health care due to financial reasons was defined as respondents who reported forgone health care, either in the last 12 months for respondents still enrolled or since HMP coverage ended for respondents no longer enrolled, due to the following reasons: cost, no insurance coverage, or needing a service that was not covered. $\phi = 0.25$

3.2.2 Predictors of forgone health care due to financial reasons (2017), among respondents still enrolled and those no longer enrolled

	Forgone health care due to financial reasons (2017)		
	aOR	95% CI	p-value
Follow-up group			
No longer enrolled		Reference	
Still enrolled	0.09	[0.050, 0.147]	0.000
Number of chronic conditions (DW)	1.12	[0.946, 1.316]	0.194
Age (DW)			
19-34		Reference	
35-50	1.19	[0.688, 2.048]	0.537
51-64	0.82	[0.421, 1.587]	0.550
Gender (DW)			
Male		Reference	
Female	1.05	[0.629, 1.754]	0.850
Race/ethnicity (2016)			
White, non-Hispanic		Reference	
Black, non-Hispanic	0.42	[0.220, 0.812]	0.010
Hispanic	1.29	[0.476, 3.522]	0.613
Other, non-Hispanic	0.39	[0.152, 0.982]	0.046
FPL category (DW)			
0-35%		Reference	
36-99%	0.54	[0.295, 1.007]	0.053
100%+	0.87	[0.450, 1.662]	0.663
Highest level of education (2017)			
High school or less		Reference	
Associate's degree/some college	1.85	[1.068, 3.206]	0.028
Bachelor's/post graduate degree	1.12	[0.534, 2.353]	0.763
Constant	0.15	[0.058, 0.398]	0.000
N	3,051		
F-value	13.989		
Model degrees of freedom	12.000		
Residual degrees of freedom	3,039.000		
F-value significance	0.000		

Notes: Multiple logistic regression. Forgone health care due to financial reasons was defined as respondents who reported forgone health care, either in the last 12 months for respondents still enrolled or since HMP coverage ended for respondents no longer enrolled, due to the following reasons: cost, no insurance coverage, or needing a service that was not covered.

3.2.3 Forgone health care due to financial reasons (2017) by follow-up group, among respondents still enrolled and those no longer enrolled with private insurance

	Forgone health care due to financial reasons (2017)				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Follow-up group					
Still enrolled (n=2,388)	1.6	[1.1, 2.3]	98.4	[97.7, 98.9]	100.0
No longer enrolled with private insurance (n=183)	4.9	[2.8, 8.5]	95.1	[91.5, 97.2]	100.0
Pearson: Uncorrected chi2(1) =	13.3750				
Design-based F(1.00, 3085.00) =	11.8483	Pr =	0.001		
Total (n=2,571)	1.8	[1.3, 2.5]	98.2	[97.5, 98.7]	100.0

Note: χ^2 test of independence. Forgone health care due to financial reasons was defined as respondents who reported forgone health care, either in the last 12 months for respondents still enrolled or since HMP coverage ended for respondents no longer enrolled, due to the following reasons: cost, no insurance coverage, or needing a service that was not covered. $\phi = 0.07$

3.2.4 Predictors of forgone health care due to financial reasons (2017), among respondents still enrolled and those no longer enrolled with private insurance

	Forgone health care due to financial reasons (2017)		
	aOR	95% CI	p-value
Follow-up group			
No longer enrolled with private insurance		Reference	
Still enrolled	0.25	[0.118, 0.549]	0.000
Number of chronic conditions (DW)	1.53	[1.273, 1.848]	0.000
Age (DW)			
19-34		Reference	
35-50	1.42	[0.556, 3.622]	0.464
51-64	1.04	[0.376, 2.865]	0.943
Gender (DW)			
Male		Reference	
Female	0.66	[0.333, 1.305]	0.231
Race/ethnicity (2016)			
White, non-Hispanic		Reference	
Black, non-Hispanic	0.64	[0.279, 1.483]	0.300
Hispanic	2.16	[0.563, 8.324]	0.261
Other, non-Hispanic	0.27	[0.056, 1.295]	0.102
FPL category (DW)			
0-35%		Reference	
36-99%	1.02	[0.511, 2.019]	0.965
100%+	1.60	[0.662, 3.885]	0.296
Highest level of education (2017)			
High school or less		Reference	
Associate's degree/some college	1.22	[0.578, 2.559]	0.607
Bachelor's/post graduate degree	1.63	[0.702, 3.776]	0.256
Constant	0.02	[0.008, 0.050]	0.000
N	2,533		
F-value	6.689		
Model degrees of freedom	12.000		
Residual degrees of freedom	2,521.000		
F-value significance	0.000		

Notes: Multiple logistic regression. Forgone health care due to financial reasons was defined as respondents who reported forgone health care, either in the last 12 months for respondents still enrolled or since HMP coverage ended for respondents no longer enrolled, due to the following reasons: cost, no insurance coverage, or needing a service that was not covered.

3.3 Forgone dental care (2017)

3.3.1 Forgone dental care in the last 12 months (2017) by presence of a chronic condition, presence of a mental health condition and/or substance use disorder, presence of a mental health condition, and presence of a substance use disorder, among respondents still enrolled

	Forgone dental care in last 12 months (2017)				Total Row%
	Yes Row%	95%CI	No/don't know Row%	95%CI	
Chronic condition (2016 or 2017 survey and/or DW)					
Yes (n=1,929)	17.2	[15.2, 19.4]	82.8	[80.6, 84.8]	100.0
No (n=457)	13.7	[10.4, 17.9]	86.3	[82.1, 89.6]	100.0
Pearson: Uncorrected chi2(1) =	4.6138				
Design-based F(1.00, 3083.00) =	2.2779	Pr =	0.131		
Mental health condition and/or substance use disorder (DW)					
Yes (n=1,363)	18.8	[16.3, 21.5]	81.2	[78.5, 83.7]	100.0
No (n=1,023)	13.5	[11.2, 16.1]	86.5	[83.9, 88.8]	100.0
Pearson: Uncorrected chi2(1) =	15.6177				
Design-based F(1.00, 3083.00) =	8.3294	Pr =	0.004		
Mental health condition (DW)					
Yes (n=1,230)	19.6	[17.0, 22.5]	80.4	[77.5, 83.0]	100.0
No (n=1,156)	13.3	[11.1, 15.8]	86.7	[84.2, 88.9]	100.0
Pearson: Uncorrected chi2(1) =	22.3841				
Design-based F(1.00, 3083.00) =	11.6608	Pr =	0.001		
Substance use disorder (DW)					
Yes (n=482)	16.5	[12.7, 21.1]	83.5	[78.9, 87.3]	100.0
No (n=1,904)	16.4	[14.5, 18.6]	83.6	[81.4, 85.5]	100.0
Pearson: Uncorrected chi2(1) =	0.0001				
Design-based F(1.00, 3083.00) =	0.0000	Pr =	0.995		
Total (n=2,386)	16.4	[14.7, 18.3]	83.6	[81.7, 85.3]	100.0

Notes: χ^2 test of independence.

3.3.2 Forgone dental care in the last 12 months (2017) by employment (2017), among respondents still enrolled

Employed/self-employed (2017)	Forgone dental care in last 12 months (2017)				Total Row%
	Yes Row%	95%CI	No/don't know Row%	95%CI	
Yes (n=1,319)	15.6	[13.4, 18.1]	84.4	[81.9, 86.6]	100.0
No (n=1,064)	17.6	[14.9, 20.6]	82.4	[79.4, 85.1]	100.0
Pearson: Uncorrected chi2(1) =	2.2392				
Design-based F(1.00, 3080.00) =	1.1418	Pr =	0.285		

Notes: χ^2 test of independence.

3.3.3 Forgone dental care in the last 12 months (2017) by knowledge that dental care is covered (2017), among respondents still enrolled

Knowledge that dental care is covered (2017)	Forgone dental care in last 12 months (2017)				Total Row%
	Yes Row%	95%CI	No/don't know Row%	95%CI	
Yes (n=1,955)	15.0	[13.1, 17.0]	85.0	[83.0, 86.9]	100.0
No/don't know (n=431)	23.0	[18.5, 28.3]	77.0	[71.7, 81.5]	100.0
Pearson: Uncorrected chi2(1) =	22.0848				
Design-based F(1.00, 3083.00) =	10.9438	Pr =	0.001		

Notes: χ^2 test of independence. $\phi = 0.08$

3.3.4 Predictors of forgone dental care in the last 12 months (2017), among respondents still enrolled

	Forgone dental care in last 12 months (2017)		
	aOR	95% CI	p-value
Knowledge that dental care is covered (2017)			
No/don't know		Reference	
Yes	0.57	[0.410, 0.788]	0.001
Age (DW)			
19-34		Reference	
35-50	0.97	[0.693, 1.369]	0.881
51-64	0.88	[0.631, 1.228]	0.453
Gender (DW)			
Male		Reference	
Female	1.71	[1.274, 2.290]	0.000
Race/ethnicity (2016)			
White, non-Hispanic		Reference	
Black, non-Hispanic	0.87	[0.615, 1.223]	0.416
Hispanic	0.53	[0.252, 1.100]	0.088
Other, non-Hispanic	1.18	[0.738, 1.886]	0.490
FPL category (DW)			
0-35%		Reference	
36-99%	1.02	[0.746, 1.390]	0.909
100%+	1.19	[0.851, 1.654]	0.313
Highest level of education (2017)			
High school or less		Reference	
Associate's degree/some college	1.24	[0.920, 1.668]	0.159
Bachelor's/post graduate degree	1.67	[1.137, 2.457]	0.009
Constant	0.21	[0.128, 0.328]	0.000
N	2,351		
F-value	3.320		
Model degrees of freedom	11.000		
Residual degrees of freedom	2,339.000		
F-value significance	0.000		

Notes: Multiple logistic regression.

3.3.5 Predictors of forgone dental care in the last 12 months (2017), among respondents still enrolled

	Forgone dental care in last 12 months (2017)			Forgone dental care in last 12 months (2017)			Forgone dental care in last 12 months (2017)			Forgone dental care in last 12 months (2017)		
	aOR	95% CI	p-value									
Chronic condition (2016 or 2017 survey and/or DW)												
No		Reference										
Yes	1.45	[1.002, 2.083]	0.049									
Age (DW)												
19-34		Reference										
35-50	0.92	[0.651, 1.286]	0.609	0.97	[0.689, 1.355]	0.841	0.97	[0.694, 1.367]	0.879	0.97	[0.692, 1.363]	0.866
51-64	0.82	[0.584, 1.158]	0.263	0.93	[0.664, 1.289]	0.646	0.94	[0.674, 1.311]	0.715	0.90	[0.646, 1.253]	0.531
Gender (DW)												
Male		Reference										
Female	1.64	[1.225, 2.200]	0.001	1.64	[1.225, 2.193]	0.001	1.60	[1.191, 2.142]	0.002	1.69	[1.265, 2.270]	0.000
Race/ethnicity (2016)												
White, non-Hispanic		Reference										
Black, non-Hispanic	0.87	[0.619, 1.233]	0.442	0.96	[0.688, 1.343]	0.818	0.99	[0.711, 1.382]	0.958	0.87	[0.619, 1.234]	0.444
Hispanic	0.55	[0.263, 1.158]	0.116	0.56	[0.265, 1.168]	0.121	0.56	[0.268, 1.178]	0.127	0.55	[0.262, 1.142]	0.108
Other, non-Hispanic	1.24	[0.774, 1.989]	0.371	1.28	[0.801, 2.045]	0.303	1.27	[0.798, 2.036]	0.310	1.22	[0.763, 1.957]	0.405
FPL category (DW)												
0-35%		Reference										
36-99%	1.04	[0.761, 1.421]	0.806	1.09	[0.800, 1.483]	0.588	1.08	[0.795, 1.480]	0.607	1.04	[0.765, 1.425]	0.787
100%+	1.24	[0.889, 1.725]	0.207	1.29	[0.926, 1.787]	0.133	1.29	[0.926, 1.792]	0.133	1.24	[0.894, 1.732]	0.194
Highest level of education (2017)												
High school or less		Reference										
Associate's degree/some college	1.25	[0.933, 1.685]	0.133	1.24	[0.920, 1.663]	0.159	1.22	[0.904, 1.636]	0.196	1.26	[0.936, 1.686]	0.128
Bachelor's/post graduate degree	1.67	[1.129, 2.463]	0.010	1.70	[1.149, 2.507]	0.008	1.66	[1.123, 2.452]	0.011	1.64	[1.115, 2.421]	0.012
Mental health condition and/or substance use disorder (DW)												
No												
Yes				1.57	[1.202, 2.044]	0.001						
Mental health condition (DW)												
No							1.60	[1.234, 2.085]	0.000			
Yes												
Substance use disorder (DW)												
No												
Yes										1.21	[0.857, 1.719]	0.276
Constant	0.10	[0.065, 0.160]	0.000	0.09	[0.063, 0.142]	0.000	0.10	[0.065, 0.145]	0.000	0.12	[0.084, 0.180]	0.000
N	2,351			2,351			2,351			2,351		
F-value	2.474			3.229			3.369			2.316		
Model degrees of freedom	11.000			11.000			11.000			11.000		
Residual degrees of freedom	2,339.000			2,339.000			2,339.000			2,339.000		
F-value significance	0.004			0.000			0.000			0.008		

B142

Notes: Multiple logistic regression. Chronic condition was defined as a diagnosis of asthma, arthritis, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke as indicated by self-report in 2016 or 2017 and/or data warehouse.

3.3.6 Forgone dental care (2017) by follow-up group, among all respondents

	Forgone dental care (2017)				Total Row%
	Yes Row%	95%CI	No/don't know Row%	95%CI	
Follow-up group					
Still enrolled (n=2,388)	16.4	[14.7, 18.3]	83.6	[81.7, 85.3]	100.0
No longer enrolled (n=709)	23.3	[19.7, 27.2]	76.7	[72.8, 80.3]	100.0
Pearson: Uncorrected chi2(1) =	17.4270				
Design-based F(1.00, 3085.00) =	11.7931	Pr =	0.001		
Total (n=3,097)	18.0	[16.4, 19.7]	82.0	[80.3, 83.6]	100.0

Notes: χ^2 test of independence. Forgone dental care was defined as respondents who reported forgone dental care either in the last 12 months for respondents still enrolled or since HMP coverage ended for respondents no longer enrolled. $\phi = 0.08$

3.3.7 Predictors of forgone dental care (2017), among all respondents

	Forgone dental care (2017)		
	aOR	95% CI	p-value
Follow-up group			
Still enrolled		Reference	
No longer enrolled	1.58	[1.224, 2.037]	0.000
Age (DW)			
19-34		Reference	
35-50	1.17	[0.877, 1.549]	0.290
51-64	1.02	[0.773, 1.348]	0.885
Gender (DW)			
Male		Reference	
Female	1.63	[1.276, 2.081]	0.000
Race/ethnicity (2016)			
White, non-Hispanic		Reference	
Black, non-Hispanic	0.84	[0.630, 1.125]	0.246
Hispanic	0.49	[0.270, 0.893]	0.020
Other, non-Hispanic	1.09	[0.728, 1.627]	0.681
FPL category (DW)			
0-35%		Reference	
36-99%	1.06	[0.806, 1.384]	0.692
100%+	1.20	[0.905, 1.597]	0.203
Highest level of education (2017)			
High school or less		Reference	
Associate's degree/some college	1.28	[0.995, 1.643]	0.055
Bachelor's/post graduate degree	1.47	[1.060, 2.037]	0.021
Constant	0.12	[0.088, 0.170]	0.000
N	3,051		
F-value	4.174		
Model degrees of freedom	11.000		
Residual degrees of freedom	3,039.000		
F-value significance	0.000		

Notes: Multiple logistic regression. Forgone dental care was defined as respondents who reported forgone dental care either in the last 12 months for respondents still enrolled or since HMP coverage ended for respondents no longer enrolled.

3.3.8 Forgone dental care (2017) by follow-up group, among chronic condition subgroups

	Yes		Forgone dental care No		Don't know		Total Row%
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Among respondents with asthma (2016 or 2017 survey and/or DW)							
Still enrolled (n=619)	18.9	[15.3, 23.0]	80.8	[76.6, 84.4]	0.3	[0.1, 1.4]	100.0
No longer enrolled (n=181)	22.4	[15.7, 30.9]	77.6	[69.1, 84.3]	0.0		100.0
Among respondents with arthritis (2016 or 2017 survey and/or DW)							
Still enrolled (n=1,096)	17.3	[14.8, 20.2]	82.4	[79.5, 85.0]	0.3	[0.1, 1.0]	100.0
No longer enrolled (n=294)	21.8	[16.8, 27.9]	77.8	[71.8, 82.9]	0.4	[0.1, 1.6]	100.0
Among respondents with cancer (2016 or 2017 survey and/or DW)							
Still enrolled (n=213)	21.8	[15.6, 29.7]	78.2	[70.3, 84.4]	0.0		100.0
No longer enrolled (n=65)	30.7	[17.3, 48.4]	69.3	[51.6, 82.7]	0.0		100.0
Among respondents with COPD (2016 or 2017 survey and/or DW)							
Still enrolled (n=673)	19.8	[16.1, 24.0]	79.9	[75.7, 83.5]	0.3	[0.1, 1.4]	100.0
No longer enrolled (n=183)	28.4	[21.0, 37.2]	70.5	[61.7, 77.9]	1.1	[0.3, 4.6]	100.0
Among respondents with diabetes (2016 or 2017 survey and/or DW)							
Still enrolled (n=557)	18.0	[14.5, 22.2]	82.0	[77.8, 85.5]	0.0		100.0
No longer enrolled (n=142)	25.3	[17.6, 34.9]	74.5	[64.9, 82.2]	0.3	[0.0, 1.8]	100.0
Among respondents with hypertension (2016 or 2017 survey and/or DW)							
Still enrolled (n=1,207)	16.6	[14.1, 19.5]	83.2	[80.4, 85.8]	0.1	[0.0, 0.8]	100.0
No longer enrolled (n=342)	23.6	[18.5, 29.6]	75.8	[69.7, 80.9]	0.7	[0.2, 2.3]	100.0
Among respondents with heart disease (2016 or 2017 survey and/or DW)							
Still enrolled (n=456)	20.8	[16.3, 26.2]	78.9	[73.5, 83.4]	0.3	[0.0, 2.0]	100.0
No longer enrolled (n=136)	27.3	[18.9, 37.8]	72.2	[61.7, 80.7]	0.5	[0.1, 3.6]	100.0
Total (n=2,386)	16.4	[14.7, 18.3]	83.3	[81.4, 85.1]	0.2	[0.1, 0.5]	100.0

3.4 Out-of-pocket costs (2017)

3.4.1 Out-of-pocket costs in the last 12 months (2017), among still enrolled chronic condition subgroups

	Less than \$50		\$51-100		\$101-500		Out-of-pocket costs in the last 12 months (2017)				\$3,001-5,000		More than \$5,000		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	
Among respondents with asthma (2016 or 2017 survey and/or DW) (n=617)	66.9	[62.1, 71.3]	10.4	[7.7, 13.9]	15.9	[13.1, 19.3]	4.3	[2.7, 6.7]	1.0	[0.2, 4.7]	0.0		1.2	[0.4, 3.6]	0.4	[0.1, 1.6]	100.0
Among respondents with arthritis (2016 or 2017 survey and/or DW) (n=1,092)	63.9	[60.4, 67.2]	11.0	[9.1, 13.1]	18.5	[15.8, 21.5]	5.6	[4.2, 7.5]	0.3	[0.1, 0.7]	0.1	[0.0, 0.4]	0.3	[0.1, 1.3]	0.3	[0.1, 0.8]	100.0
Among respondents with cancer (2016 or 2017 survey and/or DW) (n=212)	60.1	[51.7, 67.9]	12.8	[8.1, 19.7]	22.4	[16.4, 29.8]	4.2	[2.2, 8.0]	0.0		0.0		0.3	[0.0, 1.8]	0.3	[0.0, 2.0]	100.0
Among respondents with COPD (2016 or 2017 survey and/or DW) (n=673)	66.2	[61.4, 70.7]	11.5	[8.8, 15.0]	17.5	[14.0, 21.6]	3.7	[2.1, 6.4]	0.3	[0.1, 1.0]	0.2	[0.0, 0.7]	0.4	[0.1, 2.9]	0.2	[0.1, 0.7]	100.0
Among respondents with diabetes (2016 or 2017 survey and/or DW) (n=555)	69.0	[64.4, 73.4]	10.0	[7.5, 13.1]	14.0	[11.1, 17.4]	5.4	[3.6, 8.1]	0.1	[0.0, 0.8]	0.0		1.2	[0.3, 4.0]	0.3	[0.0, 2.2]	100.0
Among respondents with hypertension (2016 or 2017 survey and/or DW) (n=1,205)	68.4	[65.1, 71.6]	10.5	[8.5, 12.8]	14.7	[12.5, 17.3]	5.3	[3.9, 7.2]	0.2	[0.1, 0.6]	0.0		0.5	[0.1, 1.6]	0.4	[0.1, 1.4]	100.0
Among respondents with heart disease (2016 or 2017 survey and/or DW) (n=455)	68.3	[62.6, 73.5]	12.7	[9.1, 17.5]	13.7	[10.6, 17.6]	4.5	[2.4, 8.1]	0.0	[0.0, 0.3]	0.0		0.0		0.8	[0.2, 3.2]	100.0
Total (n=2,380)	65.7	[63.3, 68.1]	10.9	[9.5, 12.6]	16.6	[14.7, 18.6]	4.9	[3.9, 6.1]	0.4	[0.1, 1.2]	0.3	[0.1, 0.9]	0.4	[0.2, 1.0]	0.8	[0.5, 1.4]	100.0

- 4 Aim 4: To describe HMP respondents' health behaviors, how they change over time with enrollment and disenrollment in HMP, and barriers and facilitators to improvement in health behaviors.**

4.1 Average weight (change 2016-2017)

4.1.1 Average weight (2016, 2017, change 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled, respondents with a chronic condition, respondents with a mental health condition and/or substance use disorder, respondents with a mental health condition, respondents with a substance use disorder

	2016			Weight			2017			Delta Mean
	Mean	SE	95%CI	N	Mean	SE	95%CI	N		
Any HRA completion with physician attestation (DW), among respondents still enrolled^a										
Yes	193.0	2.01	[189.1, 196.9]	1,084	195.2	2.07	[191.2, 199.3]	1,085	2.2	
No	187.5	2.13	[183.3, 191.6]	1,243	189.3	2.27	[184.8, 193.7]	1,242		
Any HRA completion with physician attestation (DW), among respondents with a chronic condition (2016 or 2017 survey and/or DW)^b										
Yes	197.6	2.06	[193.6, 201.7]	1,099	200.0	2.11	[195.8, 204.1]	1,102	2.4	
No	191.6	2.05	[187.6, 195.6]	1,309	193.6	2.20	[189.3, 198.0]	1,306		
Any HRA completion with physician attestation (DW), among respondents with a mental health condition and/or substance use disorder (DW)^c										
Yes	197.8	2.45	[193.0, 202.6]	774	200.5	2.52	[195.6, 205.4]	775	2.7	
No	184.3	1.93	[180.5, 188.1]	934	186.0	2.08	[181.9, 190.0]	936		
Any HRA completion with physician attestation (DW), among respondents with a mental health condition (DW)^d										
Yes	196.3	2.53	[191.4, 201.3]	710	199.6	2.61	[194.5, 204.8]	712	3.3	
No	183.3	2.05	[179.3, 187.3]	832	185.3	2.21	[181.0, 189.7]	833		
Any HRA completion with physician attestation (DW), among respondents with a substance use disorder (DW)^e										
Yes	193.1	4.21	[184.8, 201.3]	248	193.3	4.28	[184.9, 201.7]	246	0.2	
No	183.8	2.74	[178.4, 189.2]	361	184.8	3.14	[178.6, 190.9]	364		

^a Two factor repeated measures ANOVA results, $F(1, 2,351) = 0.17, p = 0.6835$

^b Two factor repeated measures ANOVA results, $F(1, 2,434) = 0.05, p = 0.8302$

^c Two factor repeated measures ANOVA results, $F(1, 1,724) = 0.29, p = 0.5871$

^d Two factor repeated measures ANOVA results, $F(1, 1,557) = 0.21, p = 0.6460$

^e Two factor repeated measures ANOVA results, $F(1, 604) = 0.04, p = 0.8400$

4.1.2 Predictors of average weight (change 2016-2017), among respondents still enrolled and respondents with a chronic condition

	Coef.	Weight ^d 95% CI	p-value		Coef.	Weight ^b 95% CI	p-value
Survey year							
2016		Reference				Reference	
2017	2.23	[1.180, 3.275]	0.000		2.46	[1.389, 3.530]	0.000
Any HRA completion with physician attestation (DW)							
No		Reference				Reference	
Yes	6.01	[0.469, 11.552]	0.034		6.88	[1.339, 12.414]	0.015
Fair/poor health							
No		Reference				Reference	
Yes	1.13	[-0.944, 3.194]	0.286		1.55	[-0.317, 3.409]	0.104
Age (DW)							
19-34		Reference				Reference	
35-50	9.07	[1.611, 16.535]	0.017		7.86	[-0.034, 15.748]	0.051
51-64	-2.28	[-8.397, 3.836]	0.465		-7.08	[-13.662,- 0.501]	0.035
Gender (DW)							
Male		Reference				Reference	
Female	-27.76	[-33.562,- 21.949]	0.000		-25.64	[-31.360,- 19.914]	0.000
Race/ethnicity (2016)							
White, non-Hispanic		Reference				Reference	
Black, non-Hispanic	5.89	[-1.397, 13.173]	0.113		5.56	[-1.431, 12.547]	0.119
Hispanic	-6.86	[-20.099, 6.373]	0.309		-9.36	[-23.399, 4.688]	0.192
Other, non-Hispanic	-16.83	[-26.082,- 7.579]	0.000		-10.98	[-20.812,- 1.155]	0.029
FPL category (DW)							
0-35%		Reference				Reference	
36-99%	2.66	[-3.318, 8.636]	0.383		2.39	[-3.787, 8.563]	0.448
100%+	5.26	[-1.540, 12.064]	0.129		2.84	[-3.915, 9.598]	0.410
Highest level of education (2017)							
High school or less		Reference				Reference	
Associate's degree/some college	2.58	[-3.487, 8.655]	0.404		5.58	[-0.462, 11.621]	0.070
Bachelor's/post graduate degree	-2.83	[-11.164, 5.500]	0.505		3.40	[-5.270, 12.064]	0.442
Constant	197.78	[188.841, 206.717]	0.000		200.65	[191.554, 209.755]	0.000
Respondent	2647.49	[2309.662, 2985.316]	0.000		2665.37	[2333.878, 2996.853]	0.000
Weight residuals	208.11	[140.754, 275.470]	0.000		227.05	[159.269, 294.827]	0.000
N	4,595				4,754		
F-value	10.916				11.489		
Model degrees of freedom	13.000				13.000		
Residual degrees of freedom	2,319.000				2,400.000		
F-value significance	0.000				0.000		

Notes: Mixed effects linear regression. Variables are from both survey years unless otherwise noted.

^a Analysis restricted to those still enrolled

^b Analysis restricted to those with a chronic condition

4.1.3 Predictors of average weight (change 2016-2017), among respondents with a mental health condition and/or substance use disorder, respondents with a mental health condition, respondents with a substance use disorder

	Coef.	Weight ^d 95% CI	p-value	Coef.	Weight ^b 95% CI	p-value	Coef.	Weight ^c 95% CI	p-value
Survey year									
2016		Reference			Reference			Reference	
2017	2.52	[1.247, 3.788]	0.000	3.06	[1.691, 4.421]	0.000	0.45	[-1.743, 2.637]	0.689
Any HRA completion with physician attestation (DW)									
No		Reference			Reference			Reference	
Yes	13.56	[7.551, 19.569]	0.000	12.38	[6.112, 18.648]	0.000	9.63	[-0.013, 19.281]	0.050
Fair/poor health									
No		Reference			Reference			Reference	
Yes	1.28	[-0.960, 3.525]	0.262	1.90	[-0.669, 4.474]	0.147	-0.43	[-3.778, 2.918]	0.801
Age (DW)									
19-34		Reference			Reference			Reference	
35-50	7.10	[-0.532, 14.732]	0.068	6.69	[-1.192, 14.575]	0.096	8.32	[-3.708, 20.357]	0.175
51-64	-5.52	[-12.657, 1.615]	0.129	-3.96	[-11.426, 3.516]	0.299	-4.55	[-15.920, 6.822]	0.432
Gender (DW)									
Male		Reference			Reference			Reference	
Female	-20.99	[-27.086,- 14.898]	0.000	-20.55	[-27.079,- 14.015]	0.000	-25.42	[-34.497,- 16.335]	0.000
Race/ethnicity (2016)									
White, non-Hispanic		Reference			Reference			Reference	
Black, non-Hispanic	8.82	[0.743, 16.892]	0.032	6.74	[-1.963, 15.448]	0.129	12.53	[0.953, 24.100]	0.034
Hispanic	-15.53	[-25.912,- 5.149]	0.003	-17.19	[-28.300,- 6.080]	0.002	-8.93	[-26.924, 9.066]	0.330
Other, non-Hispanic	-14.03	[-24.664,- 3.394]	0.010	-13.00	[-24.234,- 1.770]	0.023	-10.98	[-24.565, 2.597]	0.113
FPL category (DW)									
0-35%		Reference			Reference			Reference	
36-99%	4.01	[-2.783, 10.811]	0.247	5.12	[-2.086, 12.320]	0.164	3.28	[-6.725, 13.284]	0.520
100%+	3.21	[-4.295, 10.712]	0.402	3.87	[-4.052, 11.797]	0.338	6.38	[-6.782, 19.546]	0.341
Highest level of education (2017)									
High school or less		Reference			Reference			Reference	
Associate's degree/some college	6.08	[-0.443, 12.594]	0.068	5.98	[-0.781, 12.743]	0.083	9.44	[-0.565, 19.445]	0.064
Bachelor's/post graduate degree	0.96	[-9.661, 11.582]	0.859	0.76	[-10.332, 11.856]	0.893	2.25	[-15.547, 20.048]	0.804
Constant	190.68	[182.061, 199.299]	0.000	190.04	[180.718, 199.359]	0.000	185.62	[173.594, 197.654]	0.000
Respondent	2539.32	[2282.345, 2796.292]	0.000	2520.19	[2250.670, 2789.709]	0.000	2161.54	[1769.508, 2553.572]	0.000
Weight residuals	242.38	[151.124, 333.630]	0.000	259.44	[157.411, 361.469]	0.000	280.41	[73.361, 487.465]	0.008
N	3,375			3,050			1,197		
F-value	9.824			8.572			3.736		
Model degrees of freedom	13.000			13.000			13.000		
Residual degrees of freedom	1,700.000			1,537.000			592.000		
F-value significance	0.000			0.000			0.000		

B150

Notes: Mixed effects linear regression. Variables are from both survey years unless otherwise noted.

^a Analysis restricted to those with a mental health condition and/or substance use disorder

^b Analysis restricted to those with a mental health condition

^c Analysis restricted to those with a substance use disorder

4.1.4 Average weight (2016, 2017, change 2016-2017) by any HRA completion with physician attestation, among still enrolled chronic condition subgroups

	2016		Weight		2017		N	Delta Mean	
	Mean	SE	95%CI	N	Mean	SE			95%CI
Among respondents with asthma (2016 or 2017 survey and/or DW)	194.7	2.89	[189.0, 200.4]	600	197.2	3.16	[191.0, 203.4]	605	2.5
Any HRA completion with physician attestation (DW)	194.8	3.90	[187.2, 202.5]	272	197.9	4.12	[189.8, 206.0]	276	3.1
No HRA completion with physician attestation (DW)	194.6	4.14	[186.4, 202.7]	328	196.6	4.59	[187.6, 205.6]	329	2.0
Among respondents with arthritis (2016 or 2017 survey and/or DW)	197.3	2.00	[193.4, 201.2]	1,073	198.4	2.11	[194.2, 202.5]	1,075	1.1
Any HRA completion with physician attestation (DW)	200.9	2.74	[195.6, 206.3]	534	202.2	2.90	[196.6, 207.9]	537	1.3
No HRA completion with physician attestation (DW)	193.8	2.90	[188.1, 199.5]	539	194.7	3.04	[188.7, 200.6]	538	0.9
Among respondents with cancer (2016 or 2017 survey and/or DW)	184.7	4.49	[175.8, 193.5]	207	184.9	4.31	[176.5, 193.4]	209	0.2
Any HRA completion with physician attestation (DW)	190.3	7.47	[175.6, 205.1]	101	191.0	6.89	[177.4, 204.6]	103	0.7
No HRA completion with physician attestation (DW)	180.0	4.93	[170.3, 189.8]	106	180.1	4.80	[170.6, 189.6]	106	0.1
Among respondents with COPD (2016 or 2017 survey and/or DW)	193.0	2.48	[188.2, 197.9]	659	195.8	2.69	[190.5, 201.1]	664	2.8
Any HRA completion with physician attestation (DW)	201.2	3.63	[194.0, 208.3]	315	203.5	3.77	[196.1, 210.9]	317	2.3
No HRA completion with physician attestation (DW)	186.0	3.30	[179.5, 192.5]	344	189.2	3.76	[181.8, 196.6]	347	3.2
Among respondents with diabetes (2016 or 2017 survey and/or DW)	207.6	3.05	[201.6, 213.6]	544	209.0	3.16	[202.8, 215.2]	542	1.4
Any HRA completion with physician attestation (DW)	210.1	4.61	[201.1, 219.2]	281	210.6	4.66	[201.5, 219.8]	279	0.5
No HRA completion with physician attestation (DW)	204.7	3.92	[197.0, 212.4]	263	207.1	4.23	[198.8, 215.5]	263	2.4
Among respondents with hypertension (2016 or 2017 survey and/or DW)	202.8	2.26	[198.4, 207.2]	1,182	205.6	2.45	[200.8, 210.4]	1,179	2.8
Any HRA completion with physician attestation (DW)	205.6	2.84	[200.0, 211.2]	588	207.5	2.97	[201.6, 213.3]	586	1.9
No HRA completion with physician attestation (DW)	200.2	3.48	[193.4, 207.0]	594	203.9	3.83	[196.3, 211.4]	593	3.7
Among respondents with heart disease (2016 or 2017 survey and/or DW)	196.3	4.32	[187.8, 204.8]	447	201.1	4.89	[191.5, 210.7]	444	4.8
Any HRA completion with physician attestation (DW)	198.9	4.80	[189.4, 208.3]	219	203.5	5.34	[193.0, 214.0]	218	4.6
No HRA completion with physician attestation (DW)	193.6	7.31	[179.2, 207.9]	228	198.6	8.27	[182.4, 214.9]	226	5.0

Note: Weighted means among chronic conditions subgroups, as defined by self-report and claims data.

4.2 Exercise (change 2016-2017)

4.2.1 Increased or maintained exercise frequency (from 2016-2017) by health professional discussed exercise (2016 or 2017) and any outpatient visit, among respondents still enrolled

	Increased or maintained exercise frequency (from 2016-2017)				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Health professional discussed exercise (2016 or 2017)					
Yes (n=1,580)	55.5	[52.3, 58.6]	44.5	[41.4, 47.7]	100.0
No (n=808)	62.5	[57.9, 66.8]	37.5	[33.2, 42.1]	100.0
Pearson: Uncorrected chi2(1) =	14.2137				
Design-based F(1.00, 3085.00) =	6.1706	Pr =	0.013		
Any outpatient visit (DW)					
Yes (n=2,318)	57.8	[55.2, 60.3]	42.2	[39.7, 44.8]	100.0
No (n=70)	61.7	[46.0, 75.4]	38.3	[24.6, 54.0]	100.0
Pearson: Uncorrected chi2(1) =	0.9378				
Design-based F(1.00, 3085.00) =	0.2469	Pr =	0.619		
Total (n=2,388)	58.0	[55.4, 60.5]	42.0	[39.5, 44.6]	100.0

Notes: χ^2 test of independence. Increased or maintained exercise frequency was defined as respondents who reported a higher exercise frequency in 2017 compared to 2016 or reported exercising 3-6 days or every day in the last 7 days in both 2016 and 2017. Health professional discussed exercise was defined as respondents who reported discussing exercise with a health professional in either 2016 or 2017. Health professional discussed exercise and increased or maintained exercise frequency $\phi = 0.07$.

4.2.2 Increased or maintained exercise frequency (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled

	Increased or maintained exercise frequency (from 2016-2017)				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Any HRA completion with physician attestation (DW)					
Yes (n=1,115)	58.0	[54.2, 61.6]	42.0	[38.4, 45.8]	100.0
No (n=1,273)	58.0	[54.4, 61.5]	42.0	[38.5, 45.6]	100.0
Pearson: Uncorrected chi2(1) =	0.0007				
Design-based F(1.00, 3085.00) =	0.0003	Pr =	0.985		
Total (n=2,388)	58.0	[55.4, 60.5]	42.0	[39.5, 44.6]	100.0

Notes: χ^2 test of independence. Increased or maintained exercise frequency was defined as respondents who reported a higher exercise frequency in 2017 compared to 2016 or reported exercising 3-6 days or every day in the last 7 days in both 2016 and 2017.

4.2.3 Increased or maintained exercise frequency (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a chronic condition

	Increased or maintained exercise frequency (from 2016-2017)				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Any HRA completion with physician attestation (DW)					
Yes (n=925)	56.6	[52.5, 60.7]	43.4	[39.3, 47.5]	100.0
No (n=1,006)	57.0	[52.9, 61.0]	43.0	[39.0, 47.1]	100.0
Pearson: Uncorrected chi2(1) =	0.0358				
Design-based F(1.00, 3085.00) =	0.0130	Pr =	0.909		
Total (n=1,931)	56.8	[53.9, 59.7]	43.2	[40.3, 46.1]	100.0

Notes: χ^2 test of independence. Increased or maintained exercise frequency was defined as respondents who reported a higher exercise frequency in 2017 compared to 2016 or reported exercising 3-6 days or every day in the last 7 days in both 2016 and 2017.

4.2.4 Increased or maintained exercise frequency (from 2016-2017) by any HRA completion with physician attestation, among still enrolled chronic condition subgroups

	Increased or maintained exercise frequency (from 2016-2017)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Among respondents with asthma (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=282)	59.9	[52.6, 66.7]	40.1	[33.3, 47.4]	100.0
No HRA completion with physician attestation (DW) (n=337)	52.5	[45.4, 59.5]	47.5	[40.5, 54.6]	100.0
Among respondents with arthritis (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=551)	53.8	[48.7, 58.9]	46.2	[41.1, 51.3]	100.0
No HRA completion with physician attestation (DW) (n=547)	57.7	[52.4, 62.8]	42.3	[37.2, 47.6]	100.0
Among respondents with cancer (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=105)	65.6	[54.1, 75.6]	34.4	[24.4, 45.9]	100.0
No HRA completion with physician attestation (DW) (n=108)	53.8	[41.9, 65.3]	46.2	[34.7, 58.1]	100.0
Among respondents with COPD (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=323)	56.0	[49.0, 62.7]	44.0	[37.3, 51.0]	100.0
No HRA completion with physician attestation (DW) (n=351)	57.1	[50.0, 63.9]	42.9	[36.1, 50.0]	100.0
Among respondents with diabetes (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=290)	55.1	[47.6, 62.3]	44.9	[37.7, 52.4]	100.0
No HRA completion with physician attestation (DW) (n=267)	56.3	[49.1, 63.3]	43.7	[36.7, 50.9]	100.0
Among respondents with hypertension (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=600)	53.4	[48.3, 58.4]	46.6	[41.6, 51.7]	100.0
No HRA completion with physician attestation (DW) (n=608)	58.0	[52.8, 63.0]	42.0	[37.0, 47.2]	100.0
Among respondents with heart disease (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=223)	55.1	[46.6, 63.4]	44.9	[36.6, 53.4]	100.0
No HRA completion with physician attestation (DW) (n=233)	57.5	[49.1, 65.5]	42.5	[34.5, 50.9]	100.0
Total (n=1,115)	58.0	[54.2, 61.6]	42.0	[38.4, 45.8]	100.0

4.2.5 Increased or maintained exercise frequency (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a mental health condition and/or substance use disorder

	Increased or maintained exercise frequency (from 2016-2017)				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Any HRA completion with physician attestation (DW)					
Yes (n=646)	53.2	[48.3, 58.1]	46.8	[41.9, 51.7]	100.0
No (n=719)	56.4	[51.6, 61.1]	43.6	[38.9, 48.4]	100.0
Pearson: Uncorrected chi2(1) =	3.1792				
Design-based F(1.00, 3085.00) =	0.8331	Pr =	0.361		
Total (n=1,365)	54.9	[51.5, 58.3]	45.1	[41.7, 48.5]	100.0

Notes: χ^2 test of independence. Increased or maintained exercise frequency was defined as respondents who reported a higher exercise frequency in 2017 compared to 2016 or reported exercising 3-6 days or every day in the last 7 days in both 2016 and 2017.

4.2.6 Increased or maintained exercise frequency (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a mental health condition

	Increased or maintained exercise frequency (from 2016-2017)				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Any HRA completion with physician attestation (DW)					
Yes (n=591)	53.2	[48.0, 58.4]	46.8	[41.6, 52.0]	100.0
No (n=641)	56.6	[51.6, 61.5]	43.4	[38.5, 48.4]	100.0
Pearson: Uncorrected chi2(1) =	3.4929				
Design-based F(1.00, 3085.00) =	0.8327	Pr =	0.362		
Total (n=1,232)	55.0	[51.4, 58.6]	45.0	[41.4, 48.6]	100.0

Notes: χ^2 test of independence. Increased or maintained exercise frequency was defined as respondents who reported a higher exercise frequency in 2017 compared to 2016 or reported exercising 3-6 days or every day in the last 7 days in both 2016 and 2017.

4.2.7 Increased or maintained exercise frequency (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a substance use disorder

	Increased or maintained exercise frequency (from 2016-2017)				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Any HRA completion with physician attestation (DW)					
Yes (n=208)	48.9	[40.5, 57.4]	51.1	[42.6, 59.5]	100.0
No (n=276)	57.1	[49.5, 64.4]	42.9	[35.6, 50.5]	100.0
Pearson: Uncorrected chi2(1) =	20.4891				
Design-based F(1.00, 3085.00) =	1.9808	Pr =	0.159		
Total (n=484)	53.5	[47.8, 59.1]	46.5	[40.9, 52.2]	100.0

Notes: χ^2 test of independence. Increased or maintained exercise frequency was defined as respondents who reported a higher exercise frequency in 2017 compared to 2016 or reported exercising 3-6 days or every day in the last 7 days in both 2016 and 2017.

4.3 Sugary drink consumption (change 2016-2017)

4.3.1 Sugary drink consumption (change 2016-2017) by health professional discussed diet/nutrition (2016 or 2017) and any outpatient visit, among respondents still enrolled

	Sugary drink consumption (change 2016-2017)						Total Row%
	Worse		Same		Better		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Health professional discussed diet/nutrition (2016 or 2017)							
Yes (n=1,270)	26.0	[23.2, 29.1]	37.9	[34.6, 41.2]	36.1	[32.9, 39.5]	100.0
No (n=636)	23.4	[19.3, 28.0]	43.6	[38.4, 48.9]	33.0	[28.1, 38.3]	100.0
Pearson: Uncorrected chi2(2) =	8.1982						
Design-based F(2.00, 5194.81) =	1.6569	Pr =	0.191				
Any outpatient visit (DW)							
Yes (n=1,846)	25.1	[22.7, 27.7]	40.3	[37.5, 43.2]	34.6	[31.8, 37.4]	100.0
No (n=60)	24.7	[13.6, 40.6]	33.1	[20.0, 49.5]	42.2	[27.1, 58.9]	100.0
Pearson: Uncorrected chi2(2) =	4.1608						
Design-based F(1.99, 5187.19) =	0.5305	Pr =	0.588				
Total (n=1,906)	25.1	[22.7, 27.7]	39.9	[37.1, 42.8]	35.0	[32.3, 37.9]	100.0

Notes: Change in sugary drink consumption was defined as 'worse' if respondents reported a higher frequency of sugary drink consumption in 2017 compared to 2016, 'same' if respondents reported the same frequency of sugary drink consumption in 2017 as in 2016, or 'better' if respondents reported a lower frequency of sugary drink consumption in 2017 compared to 2016; respondents who reported 0 days of sugary drink consumption in the last 7 days in both 2016 and 2017 were excluded. Health professional discussed diet/nutrition was defined as respondents who reported discussing diet/nutrition with a health professional in either 2016 or 2017.

4.3.2 Decreased or maintained sugary drink consumption (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled

	Decreased or maintained sugary drink consumption (from 2016-2017)				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Any HRA completion with physician attestation (DW)					
Yes (n=1,115)	46.6	[42.8, 50.3]	53.4	[49.7, 57.2]	100.0
No (n=1,273)	46.6	[43.0, 50.2]	53.4	[49.8, 57.0]	100.0
Pearson: Uncorrected chi2(1) =	0.0007				
Design-based F(1.00, 3085.00) =	0.0003	Pr =	0.986		
Total (n=2,388)	46.6	[44.0, 49.2]	53.4	[50.8, 56.0]	100.0

Notes: χ^2 test of independence. Decreased or maintained sugary drink consumption was defined as respondents who reported a lower frequency of sugary drink consumption in 2017 compared to 2016 or reported 0 days of sugary drink consumption in the last 7 days in both 2016 and 2017.

4.3.3 Decreased or maintained sugary drink consumption (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a chronic condition

	Decreased or maintained sugary drink consumption (from 2016-2017)				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Any HRA completion with physician attestation (DW)					
Yes (n=925)	47.3	[43.2, 51.5]	52.7	[48.5, 56.8]	100.0
No (n=1,006)	47.8	[43.8, 51.9]	52.2	[48.1, 56.2]	100.0
Pearson: Uncorrected chi2(1) =	0.0815				
Design-based F(1.00, 3085.00) =	0.0298	Pr =	0.863		
Total (n=1,931)	47.6	[44.7, 50.5]	52.4	[49.5, 55.3]	100.0

Notes: χ^2 test of independence. Decreased or maintained sugary drink consumption was defined as respondents who reported a lower frequency of sugary drink consumption in 2017 compared to 2016 or reported 0 days of sugary drink consumption in the last 7 days in both 2016 and 2017.

4.3.4 Decreased or maintained sugary drink consumption (from 2016-2017) by any HRA completion with physician attestation, among still enrolled chronic condition subgroups

	Decreased or maintained sugary drink consumption (from 2016-2017)				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Among respondents with asthma (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=282)	48.1	[41.0, 55.4]	51.9	[44.6, 59.0]	100.0
No HRA completion with physician attestation (DW) (n=337)	43.2	[36.5, 50.3]	56.8	[49.7, 63.5]	100.0
Among respondents with arthritis (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=551)	49.7	[44.6, 54.8]	50.3	[45.2, 55.4]	100.0
No HRA completion with physician attestation (DW) (n=547)	47.3	[42.1, 52.5]	52.7	[47.5, 57.9]	100.0
Among respondents with cancer (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=105)	56.1	[44.6, 66.9]	43.9	[33.1, 55.4]	100.0
No HRA completion with physician attestation (DW) (n=108)	50.9	[39.1, 62.7]	49.1	[37.3, 60.9]	100.0
Among respondents with COPD (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=323)	46.9	[40.1, 53.9]	53.1	[46.1, 59.9]	100.0
No HRA completion with physician attestation (DW) (n=351)	49.1	[42.1, 56.2]	50.9	[43.8, 57.9]	100.0
Among respondents with diabetes (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=290)	52.3	[44.9, 59.6]	47.7	[40.4, 55.1]	100.0
No HRA completion with physician attestation (DW) (n=267)	54.3	[47.1, 61.4]	45.7	[38.6, 52.9]	100.0
Among respondents with hypertension (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=600)	49.5	[44.4, 54.5]	50.5	[45.5, 55.6]	100.0
No HRA completion with physician attestation (DW) (n=608)	50.7	[45.5, 55.9]	49.3	[44.1, 54.5]	100.0
Among respondents with heart disease (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=223)	50.4	[42.0, 58.9]	49.6	[41.1, 58.0]	100.0
No HRA completion with physician attestation (DW) (n=233)	54.6	[46.2, 62.8]	45.4	[37.2, 53.8]	100.0
Total (n=1,115)	46.6	[42.8, 50.3]	53.4	[49.7, 57.2]	100.0

4.3.5 Decreased or maintained sugary drink consumption (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a mental health condition and/or substance use disorder

	Decreased or maintained sugary drink consumption (from 2016-2017)				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Any HRA completion with physician attestation (DW)					
Yes (n=646)	46.3	[41.4, 51.2]	53.7	[48.8, 58.6]	100.0
No (n=719)	44.3	[39.6, 49.0]	55.7	[51.0, 60.4]	100.0
Pearson: Uncorrected chi2(1) =	1.2486				
Design-based F(1.00, 3085.00) =	0.3329	Pr =	0.564		
Total (n=1,365)	45.2	[41.8, 48.6]	54.8	[51.4, 58.2]	100.0

Notes: χ^2 test of independence. Decreased or maintained sugary drink consumption was defined as respondents who reported a lower frequency of sugary drink consumption in 2017 compared to 2016 or reported 0 days of sugary drink consumption in the last 7 days in both 2016 and 2017.

4.3.6 Decreased or maintained sugary drink consumption (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a mental health condition

	Decreased or maintained sugary drink consumption (from 2016-2017)				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Any HRA completion with physician attestation (DW)					
Yes (n=591)	46.6	[41.5, 51.8]	53.4	[48.2, 58.5]	100.0
No (n=641)	44.3	[39.5, 49.3]	55.7	[50.7, 60.5]	100.0
Pearson: Uncorrected chi2(1) =	1.6101				
Design-based F(1.00, 3085.00) =	0.3889	Pr =	0.533		
Total (n=1,232)	45.4	[41.9, 49.0]	54.6	[51.0, 58.1]	100.0

Notes: χ^2 test of independence. Decreased or maintained sugary drink consumption was defined as respondents who reported a lower frequency of sugary drink consumption in 2017 compared to 2016 or reported 0 days of sugary drink consumption in the last 7 days in both 2016 and 2017.

4.3.7 Decreased or maintained sugary drink consumption (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a substance use disorder

	Decreased or maintained sugary drink consumption (from 2016-2017)				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Any HRA completion with physician attestation (DW)					
Yes (n=208)	43.1	[35.1, 51.6]	56.9	[48.4, 64.9]	100.0
No (n=276)	43.3	[36.0, 50.8]	56.7	[49.2, 64.0]	100.0
Pearson: Uncorrected chi2(1) =	0.0042				
Design-based F(1.00, 3085.00) =	0.0004	Pr =	0.984		
Total (n=484)	43.2	[37.8, 48.8]	56.8	[51.2, 62.2]	100.0

Notes: χ^2 test of independence. Decreased or maintained sugary drink consumption was defined as respondents who reported a lower frequency of sugary drink consumption in 2017 compared to 2016 or reported 0 days of sugary drink consumption in the last 7 days in both 2016 and 2017.

4.4 Fruit and vegetable consumption (change 2016-2017)

4.4.1 Increased or maintained fruit and vegetable consumption (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled

	Increased or maintained fruit and vegetable consumption (from 2016-2017)				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Any HRA completion with physician attestation (DW)					
Yes (n=1,115)	48.2	[44.5, 51.9]	51.8	[48.1, 55.5]	100.0
No (n=1,273)	42.3	[38.8, 45.8]	57.7	[54.2, 61.2]	100.0
Pearson: Uncorrected chi2(1) =	10.7612				
Design-based F(1.00, 3085.00) =	5.1122	Pr =	0.024		
Total (n=2,388)	44.9	[42.3, 47.4]	55.1	[52.6, 57.7]	100.0

Notes: χ^2 test of independence. $\phi = 0.06$. Increased or maintained fruit and vegetable consumption was defined as respondents who reported a higher frequency of fruit and vegetable consumption (3+ servings in a day) in 2017 compared to 2016 or reported consuming 3+ servings of fruit and vegetables per day every day in the last 7 days in both 2016 and 2017.

4.4.2 Increased or maintained fruit and vegetable consumption (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a chronic condition

	Increased or maintained fruit and vegetable consumption (from 2016-2017)				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Any HRA completion with physician attestation (DW)					
Yes (n=925)	48.3	[44.1, 52.4]	51.7	[47.6, 55.9]	100.0
No (n=1,006)	42.3	[38.4, 46.3]	57.7	[53.7, 61.6]	100.0
Pearson: Uncorrected chi2(1) =	10.9718				
Design-based F(1.00, 3085.00) =	4.1083	Pr =	0.043		
Total (n=1,931)	45.0	[42.2, 47.9]	55.0	[52.1, 57.8]	100.0

Notes: χ^2 test of independence. $\phi = 0.06$. Increased or maintained fruit and vegetable consumption was defined as respondents who reported a higher frequency of fruit and vegetable consumption (3+ servings in a day) in 2017 compared to 2016 or reported consuming 3+ servings of fruit and vegetables per day every day in the last 7 days in both 2016 and 2017.

4.4.3 Increased or maintained fruit and vegetable consumption (from 2016-2017) by any HRA completion with physician attestation, among still enrolled chronic condition subgroups

	Increased or maintained fruit and vegetable consumption (from 2016-2017)				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Among respondents with asthma (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=282)	48.5	[41.4, 55.7]	51.5	[44.3, 58.6]	100.0
No HRA completion with physician attestation (DW) (n=337)	41.2	[34.7, 48.2]	58.8	[51.8, 65.3]	100.0
Among respondents with arthritis (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=551)	52.1	[47.0, 57.1]	47.9	[42.9, 53.0]	100.0
No HRA completion with physician attestation (DW) (n=547)	47.0	[41.9, 52.2]	53.0	[47.8, 58.1]	100.0
Among respondents with cancer (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=105)	52.3	[40.7, 63.5]	47.7	[36.5, 59.3]	100.0
No HRA completion with physician attestation (DW) (n=108)	38.3	[26.9, 51.2]	61.7	[48.8, 73.1]	100.0
Among respondents with COPD (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=323)	47.8	[40.9, 54.7]	52.2	[45.3, 59.1]	100.0
No HRA completion with physician attestation (DW) (n=351)	41.7	[35.1, 48.6]	58.3	[51.4, 64.9]	100.0
Among respondents with diabetes (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=290)	48.4	[41.1, 55.8]	51.6	[44.2, 58.9]	100.0
No HRA completion with physician attestation (DW) (n=267)	43.6	[36.6, 50.9]	56.4	[49.1, 63.4]	100.0
Among respondents with hypertension (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=600)	49.0	[43.9, 54.0]	51.0	[46.0, 56.1]	100.0
No HRA completion with physician attestation (DW) (n=608)	43.3	[38.3, 48.4]	56.7	[51.6, 61.7]	100.0
Among respondents with heart disease (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=223)	51.9	[43.4, 60.3]	48.1	[39.7, 56.6]	100.0
No HRA completion with physician attestation (DW) (n=233)	45.1	[37.0, 53.4]	54.9	[46.6, 63.0]	100.0
Total (n=1,115)	48.2	[44.5, 51.9]	51.8	[48.1, 55.5]	100.0

4.4.4 Increased or maintained fruit and vegetable consumption (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a mental health condition and/or substance use disorder

	Increased or maintained fruit and vegetable consumption (from 2016-2017)				
	Yes		No		Total
	Row%	95%CI	Row%	95%CI	Row%
Any HRA completion with physician attestation (DW)					
Yes (n=646)	48.0	[43.1, 52.9]	52.0	[47.1, 56.9]	100.0
No (n=719)	43.4	[38.8, 48.0]	56.6	[52.0, 61.2]	100.0
Pearson: Uncorrected chi2(1) =	6.6270				
Design-based F(1.00, 3085.00) =	1.7850	Pr =	0.182		
Total (n=1,365)	45.5	[42.1, 48.9]	54.5	[51.1, 57.9]	100.0

Notes: χ^2 test of independence. Increased or maintained fruit and vegetable consumption was defined as respondents who reported a higher frequency of fruit and vegetable consumption (3+ servings in a day) in 2017 compared to 2016 or reported consuming 3+ servings of fruit and vegetables per day every day in the last 7 days in both 2016 and 2017.

4.4.5 Increased or maintained fruit and vegetable consumption (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a mental health condition

	Increased or maintained fruit and vegetable consumption (from 2016-2017)				
	Yes		No		Total
	Row%	95%CI	Row%	95%CI	Row%
Any HRA completion with physician attestation (DW)					
Yes (n=591)	47.2	[42.1, 52.4]	52.8	[47.6, 57.9]	100.0
No (n=641)	43.3	[38.5, 48.2]	56.7	[51.8, 61.5]	100.0
Pearson: Uncorrected chi2(1) =	4.7180				
Design-based F(1.00, 3085.00) =	1.1522	Pr =	0.283		
Total (n=1,232)	45.1	[41.6, 48.7]	54.9	[51.3, 58.4]	100.0

Notes: χ^2 test of independence. Increased or maintained fruit and vegetable consumption was defined as respondents who reported a higher frequency of fruit and vegetable consumption (3+ servings in a day) in 2017 compared to 2016 or reported consuming 3+ servings of fruit and vegetables per day every day in the last 7 days in both 2016 and 2017.

4.4.6 Increased or maintained fruit and vegetable consumption (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a substance use disorder

	Increased or maintained fruit and vegetable consumption (from 2016-2017)				
	Yes		No		Total
	Row%	95%CI	Row%	95%CI	Row%
Any HRA completion with physician attestation (DW)					
Yes (n=208)	54.9	[46.4, 63.0]	45.1	[37.0, 53.6]	100.0
No (n=276)	41.8	[34.8, 49.2]	58.2	[50.8, 65.2]	100.0
Pearson: Uncorrected chi2(1) =	52.1741				
Design-based F(1.00, 3085.00) =	5.2380	Pr =	0.022		
Total (n=484)	47.6	[42.0, 53.3]	52.4	[46.7, 58.0]	100.0

Notes: χ^2 test of independence. $\phi = 0.13$. Increased or maintained fruit and vegetable consumption was defined as respondents who reported a higher frequency of fruit and vegetable consumption (3+ servings in a day) in 2017 compared to 2016 or reported consuming 3+ servings of fruit and vegetables per day every day in the last 7 days in both 2016 and 2017.

4.5 Binge drinking (change 2016-2017)

4.5.1 Decrease in binge drinking frequency (from 2016-2017) by health professional discussed safe alcohol use (2016 or 2017) and any outpatient visit, among respondents still enrolled who reported one or more days of binge drinking in the past seven days in 2016

	Decrease in binge drinking frequency (from 2016-2017)				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Health professional discussed safe alcohol use (2016 or 2017)					
Yes (n=174)	44.6	[35.8, 53.7]	55.4	[46.3, 64.2]	100.0
No (n=255)	57.5	[49.1, 65.4]	42.5	[34.6, 50.9]	100.0
Pearson: Uncorrected chi2(1) =	48.4394				
Design-based F(1.00, 3085.00) =	4.2128	Pr =	0.040		
Any outpatient visit (DW)					
Yes (n=410)	55.3	[49.3, 61.3]	44.7	[38.7, 50.7]	100.0
No (n=19)	23.4	[7.3, 54.2]	76.6	[45.8, 92.7]	100.0
Pearson: Uncorrected chi2(1) =	97.9796				
Design-based F(1.00, 3085.00) =	4.5166	Pr =	0.034		
Total (n=429)	52.6	[46.5, 58.7]	47.4	[41.3, 53.5]	100.0

Notes: χ^2 test of independence. Decrease in binge drinking frequency was defined as respondents who reported a lower frequency of binge drinking in 2017 compared to 2016. Health professional discussed safe alcohol use was defined as respondents who reported discussing safe alcohol use with a health professional in either 2016 or 2017.

4.5.2 Decrease in binge drinking frequency (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled who reported one or more days of binge drinking in the past seven days in 2016

	Decrease in binge drinking frequency (from 2016-2017)				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Any HRA completion with physician attestation (DW)					
Yes (n=204)	54.1	[45.3, 62.6]	45.9	[37.4, 54.7]	100.0
No (n=225)	51.6	[43.1, 59.9]	48.4	[40.1, 56.9]	100.0
Pearson: Uncorrected chi2(1) =	1.9543				
Design-based F(1.00, 3085.00) =	0.1657	Pr =	0.684		
Total (n=429)	52.6	[46.5, 58.7]	47.4	[41.3, 53.5]	100.0

Notes: χ^2 test of independence. Decrease in binge drinking frequency was defined as respondents who reported a lower frequency of binge drinking in 2017 compared to 2016.

4.5.3 Decrease in binge drinking frequency (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a chronic condition who reported one or more days of binge drinking in the past seven days in 2016

	Decrease in binge drinking frequency (from 2016-2017)				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Any HRA completion with physician attestation (DW)					
Yes (n=169)	54.9	[45.0, 64.4]	45.1	[35.6, 55.0]	100.0
No (n=168)	56.2	[46.0, 65.8]	43.8	[34.2, 54.0]	100.0
Pearson: Uncorrected chi2(1) =	0.5118				
Design-based F(1.00, 3085.00) =	0.0322	Pr =	0.858		
Total (n=337)	55.6	[48.4, 62.5]	44.4	[37.5, 51.6]	100.0

Notes: χ^2 test of independence. Decrease in binge drinking frequency was defined as respondents who reported a lower frequency of binge drinking in 2017 compared to 2016.

4.5.4 Decrease in binge drinking frequency (from 2016-2017) by any HRA completion with physician attestation, among still enrolled chronic condition subgroups who reported one or more days of binge drinking in the past seven days in 2016

	Decrease in binge drinking frequency (from 2016-2017)				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Among respondents with asthma (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=282)	12.1	[7.9, 18.0]	87.9	[82.0, 92.1]	100.0
No HRA completion with physician attestation (DW) (n=337)	5.6	[3.6, 8.8]	94.4	[91.2, 96.4]	100.0
Among respondents with arthritis (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=551)	9.2	[6.5, 12.8]	90.8	[87.2, 93.5]	100.0
No HRA completion with physician attestation (DW) (n=547)	11.0	[7.8, 15.3]	89.0	[84.7, 92.2]	100.0
Among respondents with cancer (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=105)	11.3	[5.6, 21.6]	88.7	[78.4, 94.4]	100.0
No HRA completion with physician attestation (DW) (n=108)	9.9	[4.9, 19.2]	90.1	[80.8, 95.1]	100.0
Among respondents with COPD (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=323)	12.9	[8.8, 18.5]	87.1	[81.5, 91.2]	100.0
No HRA completion with physician attestation (DW) (n=351)	11.5	[7.8, 16.7]	88.5	[83.3, 92.2]	100.0
Among respondents with diabetes (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=290)	10.2	[6.7, 15.4]	89.8	[84.6, 93.3]	100.0
No HRA completion with physician attestation (DW) (n=267)	8.6	[4.9, 14.4]	91.4	[85.6, 95.1]	100.0
Among respondents with hypertension (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=600)	11.4	[8.5, 15.1]	88.6	[84.9, 91.5]	100.0
No HRA completion with physician attestation (DW) (n=608)	12.9	[9.6, 17.2]	87.1	[82.8, 90.4]	100.0
Among respondents with heart disease (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=223)	6.7	[3.9, 11.4]	93.3	[88.6, 96.1]	100.0
No HRA completion with physician attestation (DW) (n=233)	7.6	[4.5, 12.7]	92.4	[87.3, 95.5]	100.0
Total (n=1,115)	10.3	[8.3, 12.8]	89.7	[87.2, 91.7]	100.0

4.5.5 Decrease in binge drinking frequency (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a mental health condition and/or substance use disorder who reported one or more days of binge drinking in the past seven days in 2016

	Decrease in binge drinking frequency (from 2016-2017)				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Any HRA completion with physician attestation (DW)					
Yes (n=124)	58.8	[48.4, 68.4]	41.2	[31.6, 51.6]	100.0
No (n=137)	57.9	[46.7, 68.4]	42.1	[31.6, 53.3]	100.0
Pearson: Uncorrected chi2(1) =	0.2194				
Design-based F(1.00, 3085.00) =	0.0121	Pr =	0.912		
Total (n=261)	58.3	[50.5, 65.7]	41.7	[34.3, 49.5]	100.0

Notes: χ^2 test of independence. Decrease in binge drinking frequency was defined as respondents who reported a lower frequency of binge drinking in 2017 compared to 2016.

4.5.6 Decrease in binge drinking frequency (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a mental health condition who reported one or more days of binge drinking in the past seven days in 2016

	Decrease in binge drinking frequency (from 2016-2017)				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Any HRA completion with physician attestation (DW)					
Yes (n=96)	57.0	[45.3, 67.9]	43.0	[32.1, 54.7]	100.0
No (n=109)	64.6	[53.0, 74.8]	35.4	[25.2, 47.0]	100.0
Pearson: Uncorrected chi2(1) =	18.5949				
Design-based F(1.00, 3085.00) =	0.8826	Pr =	0.348		
Total (n=205)	61.5	[53.2, 69.2]	38.5	[30.8, 46.8]	100.0

Notes: χ^2 test of independence. Decrease in binge drinking frequency was defined as respondents who reported a lower frequency of binge drinking in 2017 compared to 2016.

4.5.7 Decrease in binge drinking frequency (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a substance use disorder who reported one or more days of binge drinking in the past seven days in 2016

	Decrease in binge drinking frequency (from 2016-2017)				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Any HRA completion with physician attestation (DW)					
Yes (n=66)	54.1	[39.9, 67.6]	45.9	[32.4, 60.1]	100.0
No (n=68)	50.6	[35.3, 65.8]	49.4	[34.2, 64.7]	100.0
Pearson: Uncorrected chi2(1) =	3.8345				
Design-based F(1.00, 3085.00) =	0.1063	Pr =	0.744		
Total (n=134)	52.2	[41.5, 62.7]	47.8	[37.3, 58.5]	100.0

Notes: χ^2 test of independence. Decrease in binge drinking frequency was defined as respondents who reported a lower frequency of binge drinking in 2017 compared to 2016.

4.6 Tobacco use (change 2016-2017)

4.6.1 Quit smoking or using tobacco (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled who reported using tobacco in 2016

	Quit smoking or using tobacco (from 2016-2017)				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Any HRA completion with physician attestation (DW)					
Yes (n=403)	11.2	[8.0, 15.3]	88.8	[84.7, 92.0]	100.0
No (n=489)	16.8	[12.3, 22.5]	83.2	[77.5, 87.7]	100.0
Pearson: Uncorrected chi2(1) =	19.1433				
Design-based F(1.00, 3085.00) =	3.2525	Pr =	0.071		
Total (n=892)	14.4	[11.4, 18.1]	85.6	[81.9, 88.6]	100.0

Notes: χ^2 test of independence. Quit smoking or using tobacco (from 2016-2017) was defined as respondents who reported using tobacco within the past 30 days in 2016 and no longer reported using tobacco with the past 30 days in 2017.

4.6.2 Quit smoking or using tobacco (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a chronic health condition who reported using tobacco in 2016

	Quit smoking or using tobacco (from 2016-2017)				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Any HRA completion with physician attestation (DW)					
Yes (n=361)	10.7	[7.5, 15.1]	89.3	[84.9, 92.5]	100.0
No (n=414)	15.2	[10.7, 21.2]	84.8	[78.8, 89.3]	100.0
Pearson: Uncorrected chi2(1) =	13.5417				
Design-based F(1.00, 3085.00) =	1.9986	Pr =	0.158		
Total (n=775)	13.2	[10.2, 16.9]	86.8	[83.1, 89.8]	100.0

Notes: χ^2 test of independence. Quit smoking or using tobacco (from 2016-2017) was defined as respondents who reported using tobacco within the past 30 days in 2016 and no longer reported using tobacco with the past 30 days in 2017.

4.6.3 Quit smoking or using tobacco (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a mental health condition and/or substance use disorder who reported using tobacco in 2016

	Quit smoking or using tobacco (from 2016-2017)				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Any HRA completion with physician attestation (DW)					
Yes (n=274)	11.9	[8.0, 17.3]	88.1	[82.7, 92.0]	100.0
No (n=325)	11.0	[7.1, 16.8]	89.0	[83.2, 92.9]	100.0
Pearson: Uncorrected chi2(1) =	0.5223				
Design-based F(1.00, 3085.00) =	0.0597	Pr =	0.807		
Total (n=599)	11.4	[8.4, 15.2]	88.6	[84.8, 91.6]	100.0

Notes: χ^2 test of independence. Quit smoking or using tobacco (from 2016-2017) was defined as respondents who reported using tobacco within the past 30 days in 2016 and no longer reported using tobacco with the past 30 days in 2017.

4.6.4 Quit smoking or using tobacco (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a mental health condition who reported using tobacco in 2016

	Quit smoking or using tobacco (from 2016-2017)				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Any HRA completion with physician attestation (DW)					
Yes (n=239)	12.3	[8.0, 18.5]	87.7	[81.5, 92.0]	100.0
No (n=283)	11.2	[7.0, 17.3]	88.8	[82.7, 93.0]	100.0
Pearson: Uncorrected chi2(1) =	0.9538				
Design-based F(1.00, 3085.00) =	0.0948	Pr =	0.758		
Total (n=522)	11.7	[8.5, 15.8]	88.3	[84.2, 91.5]	100.0

Notes: χ^2 test of independence. Quit smoking or using tobacco (from 2016-2017) was defined as respondents who reported using tobacco within the past 30 days in 2016 and no longer reported using tobacco with the past 30 days in 2017.

4.6.5 Quit smoking or using tobacco (from 2016-2017) by any HRA completion with physician attestation, among respondents still enrolled with a substance use disorder who reported using tobacco in 2016

	Quit smoking or using tobacco (from 2016-2017)				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Any HRA completion with physician attestation (DW)					
Yes (n=138)	4.5	[2.3, 8.9]	95.5	[91.1, 97.7]	100.0
No (n=159)	8.0	[4.0, 15.4]	92.0	[84.6, 96.0]	100.0
Pearson: Uncorrected chi2(1) =	15.3118				
Design-based F(1.00, 3085.00) =	1.3314	Pr =	0.249		
Total (n=297)	6.4	[3.8, 10.5]	93.6	[89.5, 96.2]	100.0

Notes: χ^2 test of independence. Quit smoking or using tobacco (from 2016-2017) was defined as respondents who reported using tobacco within the past 30 days in 2016 and no longer reported using tobacco with the past 30 days in 2017.

4.6.6 Attempting to quit smoking or using tobacco (2016, 2017, change 2016-2017), among respondents still enrolled and various subgroups of respondents still enrolled who reported using tobacco in 2016

	Attempting to quit smoking or using tobacco								
	Proportion	2016			2017			N	Delta Proportion
		SE	95%CI	N	Proportion	SE	95%CI		
Any HRA completion with physician attestation (DW), among respondents still enrolled^a									
Yes	0.918	0.02	[0.878, 0.958]	310	0.930	0.02	[0.888, 0.971]	260	0.012
No	0.891	0.02	[0.856, 0.925]	374	0.902	0.02	[0.855, 0.950]	310	
Any HRA completion with physician attestation (DW), among respondents still enrolled with a chronic condition (2016 or 2017 survey and/or DW)^b									
Yes	0.913	0.02	[0.870, 0.956]	284	0.929	0.02	[0.885, 0.973]	238	0.016
No	0.904	0.02	[0.868, 0.940]	327	0.910	0.03	[0.859, 0.961]	278	
Any HRA completion with physician attestation (DW), among respondents still enrolled with a mental health condition and/or substance use disorder (DW)^c									
Yes	0.894	0.03	[0.839, 0.949]	207	0.932	0.03	[0.880, 0.984]	171	0.038
No	0.877	0.02	[0.831, 0.923]	253	0.908	0.03	[0.855, 0.960]	219	
Any HRA completion with physician attestation (DW), among respondents still enrolled with a mental health condition (DW)^d									
Yes	0.911	0.02	[0.864, 0.957]	179	0.953	0.02	[0.920, 0.987]	148	0.042
No	0.868	0.03	[0.817, 0.920]	219	0.909	0.03	[0.851, 0.967]	191	
Any HRA completion with physician attestation (DW), among respondents still enrolled with a substance use disorder (DW)^e									
Yes	0.877	0.04	[0.793, 0.961]	108	0.935	0.04	[0.858, 1.012]	93	0.058
No	0.844	0.04	[0.768, 0.920]	125	0.898	0.04	[0.828, 0.968]	111	

^a Two factor repeated measures ANOVA results, $F(1, 735) = 0.02$, $p = 0.8775$

^b Two factor repeated measures ANOVA results, $F(1, 653) = 0.02$, $p = 0.8790$

^c Two factor repeated measures ANOVA results, $F(1, 490) = 0.16$, $p = 0.6876$

^d Two factor repeated measures ANOVA results, $F(1, 425) = 0.02$, $p = 0.8948$

^e Two factor repeated measures ANOVA results, $F(1, 242) = 0.01$, $p = 0.9367$

4.6.7 Attempting to quit smoking or using tobacco (2016, 2017, change 2016-2017), among still enrolled chronic condition subgroups who reported using tobacco in 2016

	Tried to quit smoking or using tobacco								
	Percent	2016 SE	95%CI	N	Percent	2017 SE	95%CI	N	Delta Percent
Among respondents with asthma (2016 or 2017 survey and/or DW)									
Any HRA completion with physician attestation (DW)	84.5	0.05	[74.2, 94.8]	96	93.0	0.04	[84.3, 101.7]	92	8.5
No HRA completion with physician attestation (DW)	89.0	0.04	[80.5, 97.5]	96	88.1	0.05	[78.6, 97.7]	100	-0.9
Among respondents with arthritis (2016 or 2017 survey and/or DW)									
Any HRA completion with physician attestation (DW)	93.9	0.02	[89.9, 97.9]	186	93.9	0.02	[89.9, 98.0]	165	0
No HRA completion with physician attestation (DW)	88.9	0.03	[83.5, 94.3]	205	91.4	0.03	[86.2, 96.6]	189	2.5
Among respondents with cancer (2016 or 2017 survey and/or DW)									
Any HRA completion with physician attestation (DW)	86.7	.	[86.7, 86.7]	34	91.4	0.05	[80.8, 101.9]	29	4.7
No HRA completion with physician attestation (DW)	97.3	.	[97.3, 97.3]	33	93.2	0.04	[85.2, 101.2]	27	-4.1
Among respondents with COPD (2016 or 2017 survey and/or DW)									
Any HRA completion with physician attestation (DW)	89.2	0.04	[82.1, 96.3]	142	92.4	0.04	[85.2, 99.7]	132	3.2
No HRA completion with physician attestation (DW)	94.7	0.02	[91.3, 98.2]	144	95.2	0.03	[89.0, 101.5]	139	0.5
Among respondents with diabetes (2016 or 2017 survey and/or DW)									
Any HRA completion with physician attestation (DW)	87.5	0.04	[78.8, 96.2]	81	94.8	0.03	[89.3, 100.3]	68	7.3
No HRA completion with physician attestation (DW)	92.3	0.03	[86.6, 98.0]	85	94.7	0.03	[89.6, 99.8]	73	2.4
Among respondents with hypertension (2016 or 2017 survey and/or DW)									
Any HRA completion with physician attestation (DW)	88.5	0.03	[82.4, 94.6]	188	91.3	0.03	[85.4, 97.2]	164	2.8
No HRA completion with physician attestation (DW)	90.8	0.02	[86.1, 95.4]	196	90.4	0.03	[84.6, 96.3]	187	-0.4
Among respondents with heart disease (2016 or 2017 survey and/or DW)									
Any HRA completion with physician attestation (DW)	94.7	0.03	[89.0, 100.4]	80	97.0	0.02	[93.2, 100.7]	77	2.3
No HRA completion with physician attestation (DW)	90.4	0.04	[83.2, 97.7]	89	94.2	0.03	[88.8, 99.6]	76	3.8

4.7 Drug use in last 30 days (2017)

4.7.1 Drug use in last 30 days (2017) by any HRA completion with physician attestation, among respondents still enrolled

Any HRA completion with physician attestation (DW)	Drug use in last 30 days (2017)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Yes (n=1,113)	3.9	[2.9, 5.4]	96.1	[94.6, 97.1]	100.0
No (n=1,273)	6.5	[4.8, 8.7]	93.5	[91.3, 95.2]	100.0
Pearson: Uncorrected chi2(1) =	9.9424				
Design-based F(1.00, 3083.00) =	5.3994	Pr =	0.020		

Notes: χ^2 test of independence. $\phi = 0.06$.

4.7.2 Drug use in last 30 days (2017) by any HRA completion with physician attestation, among respondents still enrolled with a chronic condition

Any HRA completion with physician attestation (DW)	Drug use in last 30 days (2017)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Yes (n=924)	4.4	[3.1, 6.0]	95.6	[94.0, 96.9]	100.0
No (n=1,006)	7.3	[5.2, 10.1]	92.7	[89.9, 94.8]	100.0
Pearson: Uncorrected chi2(1) =	11.8857				
Design-based F(1.00, 3084.00) =	4.8415	Pr =	0.028		

Notes: χ^2 test of independence. $\phi = 0.06$.

4.7.3 Drug use in last 30 days (2017) by any HRA completion with physician attestation, among still enrolled chronic condition subgroups

	Drug use in last 30 days (2017)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Among respondents with asthma (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=281)	3.1	[1.7, 5.6]	96.9	[94.4, 98.3]	100.0
No HRA completion with physician attestation (DW) (n=337)	7.9	[4.6, 13.2]	92.1	[86.8, 95.4]	100.0
Among respondents with arthritis (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=550)	5.0	[3.2, 7.7]	95.0	[92.3, 96.8]	100.0
No HRA completion with physician attestation (DW) (n=547)	7.6	[5.0, 11.3]	92.4	[88.7, 95.0]	100.0
Among respondents with cancer (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=105)	5.0	[2.3, 10.8]	95.0	[89.2, 97.7]	100.0
No HRA completion with physician attestation (DW) (n=108)	8.1	[1.7, 30.6]	91.9	[69.4, 98.3]	100.0
Among respondents with COPD (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=323)	4.6	[2.7, 7.7]	95.4	[92.3, 97.3]	100.0
No HRA completion with physician attestation (DW) (n=351)	7.3	[4.1, 12.6]	92.7	[87.4, 95.9]	100.0
Among respondents with diabetes (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=290)	4.7	[2.5, 8.8]	95.3	[91.2, 97.5]	100.0
No HRA completion with physician attestation (DW) (n=267)	7.8	[4.2, 14.0]	92.2	[86.0, 95.8]	100.0
Among respondents with hypertension (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=600)	5.5	[3.8, 7.9]	94.5	[92.1, 96.2]	100.0
No HRA completion with physician attestation (DW) (n=608)	6.7	[4.6, 9.7]	93.3	[90.3, 95.4]	100.0
Among respondents with heart disease (2016 or 2017 survey and/or DW)					
Any HRA completion with physician attestation (DW) (n=223)	4.6	[2.2, 9.4]	95.4	[90.6, 97.8]	100.0
No HRA completion with physician attestation (DW) (n=233)	6.2	[3.5, 10.7]	93.8	[89.3, 96.5]	100.0
Total (n=1,113)	3.9	[2.9, 5.4]	96.1	[94.6, 97.1]	100.0

4.7.4 Drug use in last 30 days (2017) by any HRA completion with physician attestation, among respondents still enrolled with a mental health condition and/or substance use disorder

Any HRA completion with physician attestation (DW)	Drug use in last 30 days (2017)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Yes (n=644)	5.2	[3.6, 7.5]	94.8	[92.5, 96.4]	100.0
No (n=719)	8.5	[6.1, 11.6]	91.5	[88.4, 93.9]	100.0
Pearson: Uncorrected chi2(1) =	12.4327				
Design-based F(1.00, 3083.00) =	3.9305	Pr =	0.048		

Notes: χ^2 test of independence. $\phi = 0.06$.

4.7.5 Drug use in last 30 days (2017) by any HRA completion with physician attestation, among respondents still enrolled with a mental health condition

Any HRA completion with physician attestation (DW)	Drug use in last 30 days (2017)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Yes (n=589)	4.9	[3.3, 7.2]	95.1	[92.8, 96.7]	100.0
No (n=641)	8.1	[5.9, 11.0]	91.9	[89.0, 94.1]	100.0
Pearson: Uncorrected chi2(1) =	12.7975				
Design-based F(1.00, 3083.00) =	3.9156	Pr =	0.048		

Notes: χ^2 test of independence. $\phi = 0.06$.

4.7.6 Drug use in last 30 days (2017) by any HRA completion with physician attestation, among respondents still enrolled with a substance use disorder

Any HRA completion with physician attestation (DW)	Drug use in last 30 days (2017)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Yes (n=207)	7.8	[4.8, 12.3]	92.2	[87.7, 95.2]	100.0
No (n=276)	11.1	[7.1, 17.0]	88.9	[83.0, 92.9]	100.0
Pearson: Uncorrected chi2(1) =	9.5831				
Design-based F(1.00, 3084.00) =	1.1737	Pr =	0.279		

Notes: χ^2 test of independence.

4.8 Drug use in last 30 days (change 2016-2017)

4.8.1 Drug use in last 30 days (2016, 2017, change 2016-2017), among respondents still enrolled

	%	2016 95%CI	N	%	2017 95%CI	N	Delta %
Any drug use in last 30 days							
Yes	6.1	[4.9, 7.6]	128	5.4	[4.3, 6.7]	125	-0.7
No	93.9	[92.4, 95.1]	2,259	94.6	[93.3, 95.7]	2,261	

Notes: Mixed effects logistic regression results, $F(1, 2,376) = 0.89$, $p = 0.3445$; Any drug use in last 30 days ('yes' response) in 2017 OR = 0.83, $p = 0.345$, 95% CI (0.6, 1.2)

4.9 Any HRA completion with physician attestation

4.9.1 Any HRA completion with physician attestation by follow-up group, among all respondents

	Any HRA completion with physician attestation (DW)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Follow-up group					
Still enrolled (n=2,388)	43.9	[41.3, 46.4]	56.1	[53.6, 58.7]	100.0
No longer enrolled (n=709)	28.8	[25.1, 32.8]	71.2	[67.2, 74.9]	100.0
Pearson: Uncorrected chi2(1) =	52.3390				
Design-based F(1.00, 3085.00) =	36.7921	Pr =	0.000		
Total (n=3,097)	40.4	[38.2, 42.6]	59.6	[57.4, 61.8]	100.0

Notes: χ^2 test of independence. $\phi=0.13$.

4.9.2 Any HRA completion with physician attestation by any PCP visit, among respondents still enrolled

	Any HRA completion with physician attestation (DW)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Any PCP visit (DW)					
Yes (n=2,279)	46.6	[44.0, 49.2]	53.4	[50.8, 56.0]	100.0
No (n=109)	8.2	[4.2, 15.5]	91.8	[84.5, 95.8]	100.0
Pearson: Uncorrected chi2(1) =	122.1653				
Design-based F(1.00, 3085.00) =	54.8992	Pr =	0.000		
Total (n=2,388)	43.9	[41.3, 46.4]	56.1	[53.6, 58.7]	100.0

Notes: χ^2 test of independence. $\phi=0.20$.

- 5 Aim 5: To understand HMP respondents' decisions about when, where and how to seek care, including decisions about emergency department utilization.**

5.1 Preventive services

5.1.1 Preventive services, among respondents still enrolled

	Percent	95%CI
Any PCP visit (DW)		
Yes (n=2,279)	92.9	[91.1, 94.4]
No (n=109)	7.1	[5.6, 8.9]
Any preventive service (DW)^a		
Yes (n=2,232)	92.4	[90.8, 93.7]
No (n=156)	7.6	[6.3, 9.2]
Any dental visit (DW)		
Yes (n=1,615)	67.4	[64.9, 69.8]
No (n=773)	32.6	[30.2, 35.1]
Any cancer screening (DW)		
Yes (n=1,406)	50.0	[47.5, 52.6]
No (n=982)	50.0	[47.4, 52.5]
Any cervical cancer screening (DW)^b		
Yes (n=882)	59.0	[55.7, 62.3]
No (n=573)	41.0	[37.7, 44.3]
Any breast cancer screening (DW)^c		
Yes (n=535)	75.4	[70.9, 79.4]
No (n=158)	24.6	[20.6, 29.1]
Any colorectal cancer screening (DW)^d		
Yes (n=515)	45.6	[42.0, 49.3]
No (n=575)	54.4	[50.7, 58.0]
Any STI test (excluding HPV) (DW)		
Yes (n=777)	35.8	[33.3, 38.3]
No (n=1,611)	64.2	[61.7, 66.7]
Any HPV test (DW)		
Yes (n=462)	17.0	[15.2, 18.8]
No (n=1,926)	83.0	[81.2, 84.8]
Any vaccine (non-flu) (DW)		
Yes (n=818)	33.2	[30.8, 35.7]
No (n=1,570)	66.8	[64.3, 69.2]
Any flu vaccine (DW)		
Yes (n=901)	33.7	[31.3, 36.1]
No (n=1,487)	66.3	[63.9, 68.7]
Any pneumonia vaccine (DW)		
Yes (n=267)	9.5	[8.1, 11.1]
No (n=2,121)	90.5	[88.9, 91.9]
Any statin (DW)		
Yes (n=594)	20.4	[18.5, 22.4]
No (n=1,794)	79.6	[77.6, 81.5]
Any NRT/varenicline (DW)		
Yes (n=343)	13.2	[11.6, 15.0]
No (n=2,045)	86.8	[85.0, 88.4]
Any nutrition program (DW)		
Yes (n=94)	4.2	[3.2, 5.5]
No (n=2,294)	95.8	[94.5, 96.8]
Any diabetes prevention program (DW)		
Yes (n=50)	1.7	[1.2, 2.3]
No (n=2,338)	98.3	[97.7, 98.8]

^a Any preventive service includes the preventive services listed below (does not include primary care visit)

^b Restricted to female respondents

^c Restricted to female respondents over the age of 50

^d Restricted to respondents over the age of 50

5.1.2 Statin prescription, among respondents still enrolled with diabetes and/or heart disease

Any statin (DW)	Percent	95%CI
Yes (n=394)	42.0	[37.8, 46.3]
No (n=449)	58.0	[53.7, 62.2]

5.1.3 NRT/varenicline prescription, among respondents still enrolled who reported using tobacco in 2016 or 2017

Any NRT/varenicline (DW)	Percent	95%CI
Yes (n=303)	28.1	[24.8, 31.6]
No (n=691)	71.9	[68.4, 75.2]

5.1.4 Preventive services by any HRA completion with physician attestation, among respondents still enrolled

	Any HRA completion with physician attestation (DW)					
	Col%	Yes 95%CI	Col%	No 95%CI	Col%	Total 95%CI
Any PCP visit (DW)						
Yes (n=2,279)	98.7	[97.4, 99.3]	88.4	[85.3, 90.9]	92.9	[91.1, 94.4]
No (n=109)	1.3	[0.7, 2.6]	11.6	[9.1, 14.7]	7.1	[5.6, 8.9]
Pearson: Uncorrected chi2(1) =	122.1653					
Design-based F(1.00, 3085.00) =	54.8992	Pr =	0.000			
Any preventive service (DW)^a						
Yes (n=2,232)	95.6	[93.8, 96.8]	89.9	[87.4, 91.9]	92.4	[90.8, 93.7]
No (n=156)	4.4	[3.2, 6.2]	10.1	[8.1, 12.6]	7.6	[6.3, 9.2]
Pearson: Uncorrected chi2(1) =	34.6558					
Design-based F(1.00, 3085.00) =	17.2681	Pr =	0.000			
Any dental visit (DW)						
Yes (n=1,615)	71.3	[67.8, 74.5]	64.3	[60.8, 67.7]	67.4	[64.9, 69.8]
No (n=773)	28.7	[25.5, 32.2]	35.7	[32.3, 39.2]	32.6	[30.2, 35.1]
Pearson: Uncorrected chi2(1) =	16.6524					
Design-based F(1.00, 3085.00) =	7.8222	Pr =	0.005			
Any cancer screening (DW)						
Yes (n=1,406)	57.6	[53.8, 61.3]	44.1	[40.7, 47.6]	50.0	[47.5, 52.6]
No (n=982)	42.4	[38.7, 46.2]	55.9	[52.4, 59.3]	50.0	[47.4, 52.5]
Pearson: Uncorrected chi2(1) =	55.6971					
Design-based F(1.00, 3085.00) =	26.2379	Pr =	0.000			
Any cervical cancer screening (DW)^b						
Yes (n=882)	65.5	[60.9, 69.9]	53.8	[49.2, 58.3]	59.0	[55.7, 62.3]
No (n=573)	34.5	[30.1, 39.1]	46.2	[41.7, 50.8]	41.0	[37.7, 44.3]
Pearson: Uncorrected chi2(1) =	43.6767					
Design-based F(1.00, 3085.00) =	12.6073	Pr =	0.000			
Any breast cancer screening (DW)^c						
Yes (n=535)	83.1	[77.8, 87.4]	67.3	[60.2, 73.8]	75.4	[70.9, 79.4]
No (n=158)	16.9	[12.6, 22.2]	32.7	[26.2, 39.8]	24.6	[20.6, 29.1]
Pearson: Uncorrected chi2(1) =	104.2119					
Design-based F(1.00, 3085.00) =	14.0929	Pr =	0.000			
Any colorectal cancer screening (DW)^d						
Yes (n=515)	47.6	[42.6, 52.7]	43.6	[38.5, 48.8]	45.6	[42.0, 49.3]
No (n=575)	52.4	[47.3, 57.4]	56.4	[51.2, 61.5]	54.4	[50.7, 58.0]
Pearson: Uncorrected chi2(1) =	5.0153					
Design-based F(1.00, 3085.00) =	1.1697	Pr =	0.280			
Any STI test (excluding HPV) (DW)						
Yes (n=777)	38.5	[34.8, 42.2]	33.6	[30.3, 37.2]	35.8	[33.3, 38.3]
No (n=1,611)	61.5	[57.8, 65.2]	66.4	[62.8, 69.7]	64.2	[61.7, 66.7]
Pearson: Uncorrected chi2(1) =	7.7290					
Design-based F(1.00, 3085.00) =	3.4930	Pr =	0.062			
Any HPV test (DW)						
Yes (n=462)	20.3	[17.6, 23.3]	14.3	[12.3, 16.7]	17.0	[15.2, 18.8]
No (n=1,926)	79.7	[76.7, 82.4]	85.7	[83.3, 87.7]	83.0	[81.2, 84.8]
Pearson: Uncorrected chi2(1) =	19.1817					
Design-based F(1.00, 3085.00) =	10.5574	Pr =	0.001			
Any vaccine (non-flu) (DW)						
Yes (n=818)	34.9	[31.4, 38.5]	31.9	[28.7, 35.3]	33.2	[30.8, 35.7]
No (n=1,570)	65.1	[61.5, 68.6]	68.1	[64.7, 71.3]	66.8	[64.3, 69.2]
Pearson: Uncorrected chi2(1) =	3.0562					
Design-based F(1.00, 3085.00) =	1.4386	Pr =	0.230			
Any flu vaccine (DW)						
Yes (n=901)	38.3	[34.8, 42.0]	30.0	[27.0, 33.3]	33.7	[31.3, 36.1]
No (n=1,487)	61.7	[58.0, 65.2]	70.0	[66.7, 73.0]	66.3	[63.9, 68.7]
Pearson: Uncorrected chi2(1) =	23.4674					
Design-based F(1.00, 3085.00) =	11.4805	Pr =	0.001			

Continued on next page

Continued from previous page

Any pneumonia vaccine (DW)						
Yes (n=267)	11.1	[8.9, 13.6]	8.3	[6.6, 10.3]	9.5	[8.1, 11.1]
No (n=2,121)	88.9	[86.4, 91.1]	91.7	[89.7, 93.4]	90.5	[88.9, 91.9]
Pearson: Uncorrected chi2(1) =	6.7923					
Design-based F(1.00, 3085.00) =	3.4078	Pr =	0.065			
Any statin (DW)						
Yes (n=594)	24.3	[21.4, 27.4]	17.4	[15.0, 19.9]	20.4	[18.5, 22.4]
No (n=1,794)	75.7	[72.6, 78.6]	82.6	[80.1, 85.0]	79.6	[77.6, 81.5]
Pearson: Uncorrected chi2(1) =	22.4210					
Design-based F(1.00, 3085.00) =	12.4167	Pr =	0.000			
Any NRT/varenicline (DW)						
Yes (n=343)	15.2	[12.8, 18.0]	11.6	[9.6, 13.9]	13.2	[11.6, 15.0]
No (n=2,045)	84.8	[82.0, 87.2]	88.4	[86.1, 90.4]	86.8	[85.0, 88.4]
Pearson: Uncorrected chi2(1) =	8.6263					
Design-based F(1.00, 3085.00) =	4.4121	Pr =	0.036			
Any nutrition program (DW)						
Yes (n=94)	4.6	[3.2, 6.4]	4.0	[2.6, 6.0]	4.2	[3.2, 5.5]
No (n=2,294)	95.4	[93.6, 96.8]	96.0	[94.0, 97.4]	95.8	[94.5, 96.8]
Pearson: Uncorrected chi2(1) =	0.6940					
Design-based F(1.00, 3085.00) =	0.2711	Pr =	0.603			
Any diabetes prevention program (DW)						
Yes (n=50)	2.3	[1.5, 3.4]	1.2	[0.8, 2.0]	1.7	[1.2, 2.3]
No (n=2,338)	97.7	[96.6, 98.5]	98.8	[98.0, 99.2]	98.3	[97.7, 98.8]
Pearson: Uncorrected chi2(1) =	5.2282					
Design-based F(1.00, 3085.00) =	3.8920	Pr =	0.049			

Notes: χ^2 test of independence

^a Any preventive service includes the preventive services listed below (does not include primary care visit)

^b Analysis restricted to female respondents

^c Analysis restricted to female respondents over the age of 50

^d Analysis restricted to respondents over the age of 50

5.1.5 Preventive services by discussed HRA with provider in the last year (2017), among respondents still enrolled

	Discussed HRA with provider in the last year (2017)					
	Col%	Yes 95%CI	No/don't know Col% 95%CI	Col%	95%CI	Total Col% 95%CI
Any PCP visit (DW)						
Yes (n=2,276)	97.4	[95.6, 98.4]	89.1	[86.0, 91.6]	92.9	[91.0, 94.4]
No (n=109)	2.6	[1.6, 4.4]	10.9	[8.4, 14.0]	7.1	[5.6, 9.0]
Pearson: Uncorrected chi2(1) =	79.9760					
Design-based F(1.00, 3082.00) =	28.2606	Pr =	0.000			
Any preventive service (DW)^a						
Yes (n=2,230)	94.5	[92.6, 95.9]	90.7	[88.3, 92.7]	92.5	[90.9, 93.8]
No (n=155)	5.5	[4.1, 7.4]	9.3	[7.3, 11.7]	7.5	[6.2, 9.1]
Pearson: Uncorrected chi2(1) =	15.8397					
Design-based F(1.00, 3082.00) =	7.5856	Pr =	0.006			
Any dental visit (DW)						
Yes (n=1,613)	67.7	[64.2, 71.1]	67.1	[63.6, 70.5]	67.4	[64.9, 69.8]
No (n=772)	32.3	[28.9, 35.8]	32.9	[29.5, 36.4]	32.6	[30.2, 35.1]
Pearson: Uncorrected chi2(1) =	0.1380					
Design-based F(1.00, 3082.00) =	0.0635	Pr =	0.801			
Any cancer screening (DW)						
Yes (n=1,404)	56.1	[52.4, 59.7]	44.9	[41.4, 48.6]	50.0	[47.5, 52.6]
No (n=981)	43.9	[40.3, 47.6]	55.1	[51.4, 58.6]	50.0	[47.4, 52.5]
Pearson: Uncorrected chi2(1) =	38.1453					
Design-based F(1.00, 3082.00) =	17.6527	Pr =	0.000			
Any cervical cancer screening (DW)^b						
Yes (n=880)	62.0	[57.4, 66.5]	55.9	[51.1, 60.6]	59.0	[55.6, 62.2]
No (n=573)	38.0	[33.5, 42.6]	44.1	[39.4, 48.9]	41.0	[37.8, 44.4]
Pearson: Uncorrected chi2(1) =	11.9005					
Design-based F(1.00, 3083.00) =	3.2965	Pr =	0.070			
Any breast cancer screening (DW)^c						
Yes (n=535)	79.8	[74.2, 84.5]	70.3	[63.0, 76.7]	75.4	[70.8, 79.4]
No (n=158)	20.2	[15.5, 25.8]	29.7	[23.3, 37.0]	24.6	[20.6, 29.2]
Pearson: Uncorrected chi2(1) =	37.7183					
Design-based F(1.00, 3085.00) =	4.8676	Pr =	0.027			
Any colorectal cancer screening (DW)^d						
Yes (n=515)	46.2	[41.3, 51.2]	45.0	[39.7, 50.3]	45.6	[42.0, 49.3]
No (n=575)	53.8	[48.8, 58.7]	55.0	[49.7, 60.3]	54.4	[50.7, 58.0]
Pearson: Uncorrected chi2(1) =	0.4946					
Design-based F(1.00, 3085.00) =	0.1149	Pr =	0.735			
Any STI test (excluding HPV) (DW)						
Yes (n=776)	39.7	[36.2, 43.4]	32.4	[29.0, 36.0]	35.8	[33.3, 38.3]
No (n=1,609)	60.3	[56.6, 63.8]	67.6	[64.0, 71.0]	64.2	[61.7, 66.7]
Pearson: Uncorrected chi2(1) =	18.0152					
Design-based F(1.00, 3082.00) =	8.0605	Pr =	0.005			
Any HPV test (DW)						
Yes (n=461)	20.8	[18.1, 23.8]	13.6	[11.6, 16.0]	16.9	[15.2, 18.8]
No (n=1,924)	79.2	[76.2, 81.9]	86.4	[84.0, 88.4]	83.1	[81.2, 84.8]
Pearson: Uncorrected chi2(1) =	28.4646					
Design-based F(1.00, 3082.00) =	15.7638	Pr =	0.000			
Any vaccine (non-flu) (DW)						
Yes (n=817)	35.7	[32.4, 39.3]	31.1	[27.8, 34.7]	33.3	[30.8, 35.7]
No (n=1,568)	64.3	[60.7, 67.6]	68.9	[65.3, 72.2]	66.7	[64.3, 69.2]
Pearson: Uncorrected chi2(1) =	7.3445					
Design-based F(1.00, 3082.00) =	3.4089	Pr =	0.065			
Any flu vaccine (DW)						
Yes (n=901)	39.4	[35.9, 43.0]	28.9	[25.8, 32.2]	33.7	[31.4, 36.1]
No (n=1,484)	60.6	[57.0, 64.1]	71.1	[67.8, 74.2]	66.3	[63.9, 68.6]
Pearson: Uncorrected chi2(1) =	38.1233					
Design-based F(1.00, 3082.00) =	18.5556	Pr =	0.000			

Continued on next page

Continued from previous page

Any pneumonia vaccine (DW)						
Yes (n=267)	12.5	[10.3, 15.1]	7.0	[5.4, 8.9]	9.5	[8.2, 11.1]
No (n=2,118)	87.5	[84.9, 89.7]	93.0	[91.1, 94.6]	90.5	[88.9, 91.8]
Pearson: Uncorrected chi2(1) =	27.4099					
Design-based F(1.00, 3082.00) =	13.7239	Pr =	0.000			
Any statin (DW)						
Yes (n=594)	25.7	[22.9, 28.7]	15.9	[13.6, 18.6]	20.4	[18.6, 22.4]
No (n=1,791)	74.3	[71.3, 77.1]	84.1	[81.4, 86.4]	79.6	[77.6, 81.4]
Pearson: Uncorrected chi2(1) =	44.8483					
Design-based F(1.00, 3082.00) =	24.1337	Pr =	0.000			
Any NRT/varenicline (DW)						
Yes (n=343)	14.8	[12.5, 17.4]	11.9	[9.8, 14.4]	13.2	[11.6, 15.0]
No (n=2,042)	85.2	[82.6, 87.5]	88.1	[85.6, 90.2]	86.8	[85.0, 88.4]
Pearson: Uncorrected chi2(1) =	5.7214					
Design-based F(1.00, 3082.00) =	2.9008	Pr =	0.089			
Any nutrition program (DW)						
Yes (n=94)	4.2	[3.0, 5.8]	4.3	[2.8, 6.4]	4.2	[3.2, 5.5]
No (n=2,291)	95.8	[94.2, 97.0]	95.7	[93.6, 97.2]	95.8	[94.5, 96.8]
Pearson: Uncorrected chi2(1) =	0.0321					
Design-based F(1.00, 3082.00) =	0.0129	Pr =	0.909			
Any diabetes prevention program (DW)						
Yes (n=50)	2.4	[1.6, 3.5]	1.1	[0.6, 1.8]	1.7	[1.3, 2.3]
No (n=2,335)	97.6	[96.5, 98.4]	98.9	[98.2, 99.4]	98.3	[97.7, 98.7]
Pearson: Uncorrected chi2(1) =	8.0359					
Design-based F(1.00, 3082.00) =	6.0341	Pr =	0.014			

Notes: χ^2 test of independence

^a Any preventive service includes the preventive services listed below (does not include primary care visit)

^b Analysis restricted to female respondents

^c Analysis restricted to female respondents over the age of 50

^d Analysis restricted to respondents over the age of 50

5.1.6 Preventive services by knowledge of HMP covered benefits and costs (2016, 2017, change 2016-2017), among respondents still enrolled

	Knowledge of HMP covered benefits and costs							
	2016				2017			
	Mean	SE	95%CI	N	Mean	SE	95%CI	N
Any PCP visit (DW)								
Yes	3.2	0.04	[3.1, 3.2]	2,279	3.1	0.03	[3.0, 3.2]	2,279
No	2.4	0.20	[2.0, 2.8]	109	2.7	0.18	[2.3, 3.0]	109
Any preventive service(DW)^a								
Yes	3.2	0.04	[3.1, 3.2]	2,232	3.1	0.03	[3.0, 3.2]	2,232
No	2.7	0.16	[2.3, 3.0]	156	2.7	0.15	[2.4, 3.0]	156
Any dental visit (DW)								
Yes	3.2	0.05	[3.2, 3.3]	1,615	3.2	0.04	[3.1, 3.3]	1,615
No	2.8	0.07	[2.7, 3.0]	773	2.8	0.06	[2.7, 2.9]	773
Any cancer screening (DW)								
Yes	3.3	0.05	[3.2, 3.4]	1,406	3.2	0.04	[3.1, 3.3]	1,406
No	2.9	0.06	[2.8, 3.1]	982	2.9	0.05	[2.8, 3.0]	982
Any cervical cancer screening (DW)^b								
Yes	3.3	0.06	[3.2, 3.4]	882	3.2	0.05	[3.1, 3.3]	882
No	3.3	0.08	[3.1, 3.4]	573	3.2	0.07	[3.0, 3.3]	573
Any breast cancer screening (DW)^c								
Yes	3.4	0.06	[3.2, 3.5]	535	3.3	0.06	[3.1, 3.4]	535
No	3.1	0.16	[2.8, 3.4]	158	2.8	0.15	[2.5, 3.1]	158
Any colorectal cancer screening (DW)^d								
Yes	3.4	0.07	[3.2, 3.5]	515	3.1	0.06	[3.0, 3.3]	515
No	3.2	0.07	[3.0, 3.3]	575	3.0	0.07	[2.9, 3.2]	575
Any STI test (excluding HPV) (DW)								
Yes	3.2	0.07	[3.0, 3.3]	777	3.1	0.06	[3.0, 3.2]	777
No	3.1	0.05	[3.0, 3.2]	1,611	3.1	0.04	[3.0, 3.1]	1,611
Any HPV test (DW)								
Yes	3.3	0.09	[3.1, 3.4]	462	3.2	0.07	[3.0, 3.3]	462
No	3.1	0.04	[3.0, 3.2]	1,926	3.1	0.04	[3.0, 3.1]	1,926
Any vaccine (non-flu) (DW)								
Yes	3.1	0.06	[3.0, 3.2]	818	3.1	0.06	[3.0, 3.2]	818
No	3.1	0.05	[3.0, 3.2]	1,570	3.1	0.04	[3.0, 3.1]	1,570
Any flu vaccine (DW)								
Yes	3.3	0.06	[3.2, 3.4]	901	3.2	0.05	[3.1, 3.3]	901
No	3.0	0.05	[2.9, 3.1]	1,487	3.0	0.04	[2.9, 3.1]	1,487
Any pneumonia vaccine (DW)								
Yes	3.1	0.12	[2.9, 3.3]	267	3.1	0.10	[2.9, 3.3]	267
No	3.1	0.04	[3.0, 3.2]	2,121	3.1	0.04	[3.0, 3.1]	2,121
Any statin (DW)								
Yes	3.3	0.07	[3.1, 3.4]	594	3.1	0.06	[3.0, 3.2]	594
No	3.1	0.05	[3.0, 3.2]	1,794	3.1	0.04	[3.0, 3.2]	1,794
Any NRT/varenicline (DW)								
Yes	3.3	0.09	[3.1, 3.5]	343	3.0	0.08	[2.9, 3.2]	343
No	3.1	0.04	[3.0, 3.2]	2,045	3.1	0.04	[3.0, 3.2]	2,045
Any nutrition program (DW)								
Yes	3.2	0.22	[2.8, 3.7]	94	3.2	0.20	[2.8, 3.6]	94
No	3.1	0.04	[3.0, 3.2]	2,294	3.1	0.03	[3.0, 3.1]	2,294
Any diabetes prevention program (DW)								
Yes	2.9	0.25	[2.4, 3.4]	50	3.3	0.18	[2.9, 3.6]	50
No	3.1	0.04	[3.0, 3.2]	2,338	3.1	0.03	[3.0, 3.1]	2,338

Notes: Knowledge of HMP covered benefits and costs is defined as the count of correct answers to a series of questions about HMP, which were common to both the 2016 and 2017 surveys (Range 0-6). These questions include: I could be dropped from the Healthy Michigan Plan for not paying my bill. Y/N/DK; I may get a reduction in the amount I might have to pay if I complete a health risk assessment. Y/N/DK; Some kinds of visits, tests and medicines have no copays. Y/N/DK; Do you think the following are covered under Healthy Michigan Plan, not covered, or you don't know: Eyeglasses, routine dental care, counseling for mental or emotional problems.

^a Any preventive service includes the preventive services listed below (does not include primary care visit)

^b Analysis restricted to female respondents

^c Analysis restricted to female respondents over the age of 50

^d Analysis restricted to respondents over the age of 50

5.1.7 Preventive services by may get reduction by completing HRA (2017), among respondents still enrolled

	May get reduction by completing HRA (2017)					
	Col%	Yes 95%CI	No/don't know Col% 95%CI	Total Col% 95%CI		
Any PCP visit (DW)						
Yes (n=2,278)	91.0	[86.8, 94.0]	93.6	[91.5, 95.2]	92.9	[91.0, 94.4]
No (n=109)	9.0	[6.0, 13.2]	6.4	[4.8, 8.5]	7.1	[5.6, 9.0]
Pearson: Uncorrected chi2(1) =	6.2661					
Design-based F(1.00, 3084.00) =	1.8485	Pr =	0.174			
Any preventive service (DW)^a						
Yes (n=2,231)	89.7	[86.0, 92.4]	93.4	[91.7, 94.8]	92.4	[90.8, 93.7]
No (n=156)	10.3	[7.6, 14.0]	6.6	[5.2, 8.3]	7.6	[6.3, 9.2]
Pearson: Uncorrected chi2(1) =	12.0318					
Design-based F(1.00, 3084.00) =	5.1330	Pr =	0.024			
Any dental visit (DW)						
Yes (n=1,614)	68.1	[63.4, 72.5]	67.0	[64.0, 69.8]	67.3	[64.8, 69.7]
No (n=773)	31.9	[27.5, 36.6]	33.0	[30.2, 36.0]	32.7	[30.3, 35.2]
Pearson: Uncorrected chi2(1) =	0.3686					
Design-based F(1.00, 3084.00) =	0.1716	Pr =	0.679			
Any cancer screening (DW)						
Yes (n=1,406)	47.6	[42.8, 52.5]	51.1	[48.1, 54.2]	50.2	[47.6, 52.8]
No (n=981)	52.4	[47.5, 57.2]	48.9	[45.8, 51.9]	49.8	[47.2, 52.4]
Pearson: Uncorrected chi2(1) =	3.0430					
Design-based F(1.00, 3084.00) =	1.4340	Pr =	0.231			
Any cervical cancer screening (DW)^b						
Yes (n=882)	59.1	[52.6, 65.2]	59.0	[55.1, 62.8]	59.0	[55.7, 62.3]
No (n=573)	40.9	[34.8, 47.4]	41.0	[37.2, 44.9]	41.0	[37.7, 44.3]
Pearson: Uncorrected chi2(1) =	0.0001					
Design-based F(1.00, 3085.00) =	0.0000	Pr =	0.995			
Any breast cancer screening (DW)^c						
Yes (n=535)	78.5	[70.2, 84.9]	74.1	[68.6, 79.0]	75.4	[70.8, 79.4]
No (n=158)	21.5	[15.1, 29.8]	25.9	[21.0, 31.4]	24.6	[20.6, 29.2]
Pearson: Uncorrected chi2(1) =	6.4483					
Design-based F(1.00, 3085.00) =	0.8462	Pr =	0.358			
Any colorectal cancer screening (DW)^d						
Yes (n=515)	43.8	[37.4, 50.3]	46.4	[42.1, 50.8]	45.6	[42.0, 49.3]
No (n=575)	56.2	[49.7, 62.6]	53.6	[49.2, 57.9]	54.4	[50.7, 58.0]
Pearson: Uncorrected chi2(1) =	1.7922					
Design-based F(1.00, 3085.00) =	0.4291	Pr =	0.512			
Any STI test (excluding HPV) (DW)						
Yes (n=776)	32.3	[27.8, 37.2]	36.9	[33.9, 39.9]	35.6	[33.1, 38.2]
No (n=1,611)	67.7	[62.8, 72.2]	63.1	[60.1, 66.1]	64.4	[61.8, 66.9]
Pearson: Uncorrected chi2(1) =	5.6018					
Design-based F(1.00, 3084.00) =	2.5031	Pr =	0.114			
Any HPV test (DW)						
Yes (n=462)	14.2	[11.4, 17.6]	18.1	[16.0, 20.3]	17.0	[15.3, 18.9]
No (n=1,925)	85.8	[82.4, 88.6]	81.9	[79.7, 84.0]	83.0	[81.1, 84.7]
Pearson: Uncorrected chi2(1) =	6.4601					
Design-based F(1.00, 3084.00) =	3.6172	Pr =	0.057			
Any vaccine (non-flu) (DW)						
Yes (n=817)	32.9	[28.5, 37.8]	33.1	[30.3, 36.0]	33.1	[30.7, 35.5]
No (n=1,570)	67.1	[62.2, 71.5]	66.9	[64.0, 69.7]	66.9	[64.5, 69.3]
Pearson: Uncorrected chi2(1) =	0.0069					
Design-based F(1.00, 3084.00) =	0.0032	Pr =	0.955			
Any flu vaccine (DW)						
Yes (n=901)	36.1	[31.6, 40.9]	32.8	[30.1, 35.7]	33.7	[31.4, 36.2]
No (n=1,486)	63.9	[59.1, 68.4]	67.2	[64.3, 69.9]	66.3	[63.8, 68.6]
Pearson: Uncorrected chi2(1) =	3.0014					
Design-based F(1.00, 3084.00) =	1.4532	Pr =	0.228			

Continued on next page

Continued from previous page

Any pneumonia vaccine (DW)						
Yes (n=267)	8.9	[6.6, 12.0]	9.8	[8.2, 11.6]	9.5	[8.2, 11.1]
No (n=2,120)	91.1	[88.0, 93.4]	90.2	[88.4, 91.8]	90.5	[88.9, 91.8]
Pearson: Uncorrected chi2(1) =	0.5123					
Design-based F(1.00, 3084.00) =	0.2577	Pr =	0.612			
Any statin (DW)						
Yes (n=594)	18.8	[15.6, 22.5]	21.1	[18.9, 23.4]	20.4	[18.6, 22.4]
No (n=1,793)	81.2	[77.5, 84.4]	78.9	[76.6, 81.1]	79.6	[77.6, 81.4]
Pearson: Uncorrected chi2(1) =	2.0130					
Design-based F(1.00, 3084.00) =	1.1456	Pr =	0.285			
Any NRT/varenicline (DW)						
Yes (n=343)	8.2	[6.1, 10.9]	15.1	[13.1, 17.4]	13.2	[11.7, 15.0]
No (n=2,044)	91.8	[89.1, 93.9]	84.9	[82.6, 86.9]	86.8	[85.0, 88.3]
Pearson: Uncorrected chi2(1) =	25.7057					
Design-based F(1.00, 3084.00) =	15.0756	Pr =	0.000			
Any nutrition program (DW)						
Yes (n=93)	4.2	[2.7, 6.6]	3.9	[2.8, 5.4]	4.0	[3.1, 5.2]
No (n=2,294)	95.8	[93.4, 97.3]	96.1	[94.6, 97.2]	96.0	[94.8, 96.9]
Pearson: Uncorrected chi2(1) =	0.1998					
Design-based F(1.00, 3084.00) =	0.0947	Pr =	0.758			
Any diabetes prevention program (DW)						
Yes (n=50)	2.2	[1.3, 3.7]	1.5	[1.0, 2.2]	1.7	[1.3, 2.3]
No (n=2,337)	97.8	[96.3, 98.7]	98.5	[97.8, 99.0]	98.3	[97.7, 98.7]
Pearson: Uncorrected chi2(1) =	1.7625					
Design-based F(1.00, 3084.00) =	1.3078	Pr =	0.253			

Notes: χ^2 test of independence

^a Any preventive service includes the preventive services listed below (does not include primary care visit)

^b Analysis restricted to female respondents

^c Analysis restricted to female respondents over the age of 50

^d Analysis restricted to respondents over the age of 50

5.1.8 Preventive services by some kinds of visits, tests, and medicines have no copays (2017), among respondents still enrolled

	Some kinds of visits, tests, and medicines have no copays (2017)					
	Col%	Yes 95%CI	No/don't know Col%	95%CI	Total Col%	95%CI
Any PCP visit (DW)						
Yes (n=2,278)	94.2	[92.1, 95.8]	89.3	[85.3, 92.4]	92.9	[91.0, 94.4]
No (n=109)	5.8	[4.2, 7.9]	10.7	[7.6, 14.7]	7.1	[5.6, 9.0]
Pearson: Uncorrected chi2(1) =	22.4568					
Design-based F(1.00, 3084.00) =	6.9113	Pr =	0.009			
Any preventive service (DW)^a						
Yes (n=2,231)	93.2	[91.4, 94.7]	90.0	[86.7, 92.6]	92.4	[90.8, 93.7]
No (n=156)	6.8	[5.3, 8.6]	10.0	[7.4, 13.3]	7.6	[6.3, 9.2]
Pearson: Uncorrected chi2(1) =	8.9170					
Design-based F(1.00, 3084.00) =	3.9714	Pr =	0.046			
Any dental visit (DW)						
Yes (n=1,614)	67.7	[64.8, 70.5]	66.2	[61.2, 70.8]	67.3	[64.8, 69.7]
No (n=773)	32.3	[29.5, 35.2]	33.8	[29.2, 38.8]	32.7	[30.3, 35.2]
Pearson: Uncorrected chi2(1) =	0.6574					
Design-based F(1.00, 3084.00) =	0.2882	Pr =	0.591			
Any cancer screening (DW)						
Yes (n=1,406)	51.6	[48.5, 54.6]	46.5	[41.7, 51.4]	50.2	[47.6, 52.8]
No (n=981)	48.4	[45.4, 51.5]	53.5	[48.6, 58.3]	49.8	[47.2, 52.4]
Pearson: Uncorrected chi2(1) =	6.2661					
Design-based F(1.00, 3084.00) =	2.9131	Pr =	0.088			
Any cervical cancer screening (DW)^b						
Yes (n=882)	59.7	[55.9, 63.5]	56.9	[50.2, 63.3]	59.0	[55.7, 62.3]
No (n=573)	40.3	[36.5, 44.1]	43.1	[36.7, 49.8]	41.0	[37.7, 44.3]
Pearson: Uncorrected chi2(1) =	1.9559					
Design-based F(1.00, 3085.00) =	0.5456	Pr =	0.460			
Any breast cancer screening (DW)^c						
Yes (n=535)	78.0	[72.5, 82.6]	68.6	[60.1, 76.1]	75.4	[70.8, 79.4]
No (n=158)	22.0	[17.4, 27.5]	31.4	[23.9, 39.9]	24.6	[20.6, 29.2]
Pearson: Uncorrected chi2(1) =	28.9784					
Design-based F(1.00, 3085.00) =	3.9455	Pr =	0.047			
Any colorectal cancer screening (DW)^d						
Yes (n=515)	45.6	[41.3, 50.0]	45.7	[39.1, 52.3]	45.6	[42.0, 49.3]
No (n=575)	54.4	[50.0, 58.7]	54.3	[47.7, 60.9]	54.4	[50.7, 58.0]
Pearson: Uncorrected chi2(1) =	0.0017					
Design-based F(1.00, 3085.00) =	0.0004	Pr =	0.984			
Any STI test (excluding HPV) (DW)						
Yes (n=776)	35.7	[32.9, 38.7]	35.3	[30.6, 40.3]	35.6	[33.1, 38.2]
No (n=1,611)	64.3	[61.3, 67.1]	64.7	[59.7, 69.4]	64.4	[61.8, 66.9]
Pearson: Uncorrected chi2(1) =	0.0497					
Design-based F(1.00, 3084.00) =	0.0215	Pr =	0.883			
Any HPV test (DW)						
Yes (n=462)	17.0	[15.0, 19.1]	17.1	[13.8, 20.9]	17.0	[15.3, 18.9]
No (n=1,925)	83.0	[80.9, 85.0]	82.9	[79.1, 86.2]	83.0	[81.1, 84.7]
Pearson: Uncorrected chi2(1) =	0.0055					
Design-based F(1.00, 3084.00) =	0.0029	Pr =	0.957			
Any vaccine (non-flu) (DW)						
Yes (n=817)	34.2	[31.3, 37.1]	30.1	[25.9, 34.7]	33.1	[30.7, 35.5]
No (n=1,570)	65.8	[62.9, 68.7]	69.9	[65.3, 74.1]	66.9	[64.5, 69.3]
Pearson: Uncorrected chi2(1) =	4.5344					
Design-based F(1.00, 3084.00) =	2.1649	Pr =	0.141			

Continued on next page

Continued from previous page

Any flu vaccine (DW)						
Yes (n=901)	35.1	[32.3, 38.0]	30.1	[26.1, 34.5]	33.7	[31.4, 36.2]
No (n=1,486)	64.9	[62.0, 67.7]	69.9	[65.5, 73.9]	66.3	[63.8, 68.6]
Pearson: Uncorrected chi2(1) =	6.8129					
Design-based F(1.00, 3084.00) =	3.5550	Pr =	0.059			
Any pneumonia vaccine (DW)						
Yes (n=267)	10.2	[8.5, 12.1]	7.9	[5.8, 10.7]	9.5	[8.2, 11.1]
No (n=2,120)	89.8	[87.9, 91.5]	92.1	[89.3, 94.2]	90.5	[88.9, 91.8]
Pearson: Uncorrected chi2(1) =	3.6164					
Design-based F(1.00, 3084.00) =	1.9786	Pr =	0.160			
Any statin (DW)						
Yes (n=594)	20.2	[18.0, 22.6]	21.0	[17.7, 24.8]	20.4	[18.6, 22.4]
No (n=1,793)	79.8	[77.4, 82.0]	79.0	[75.2, 82.3]	79.6	[77.6, 81.4]
Pearson: Uncorrected chi2(1) =	0.2703					
Design-based F(1.00, 3084.00) =	0.1561	Pr =	0.693			
Any NRT/varenicline (DW)						
Yes (n=343)	12.3	[10.6, 14.3]	15.6	[12.3, 19.5]	13.2	[11.7, 15.0]
No (n=2,044)	87.7	[85.7, 89.4]	84.4	[80.5, 87.7]	86.8	[85.0, 88.3]
Pearson: Uncorrected chi2(1) =	5.7055					
Design-based F(1.00, 3084.00) =	2.7471	Pr =	0.098			
Any nutrition program (DW)						
Yes (n=93)	4.3	[3.2, 5.8]	3.2	[1.7, 5.8]	4.0	[3.1, 5.2]
No (n=2,294)	95.7	[94.2, 96.8]	96.8	[94.2, 98.3]	96.0	[94.8, 96.9]
Pearson: Uncorrected chi2(1) =	2.0604					
Design-based F(1.00, 3084.00) =	0.7937	Pr =	0.373			
Any diabetes prevention program (DW)						
Yes (n=50)	1.8	[1.2, 2.6]	1.5	[0.9, 2.7]	1.7	[1.3, 2.3]
No (n=2,337)	98.2	[97.4, 98.8]	98.5	[97.3, 99.1]	98.3	[97.7, 98.7]
Pearson: Uncorrected chi2(1) =	0.2403					
Design-based F(1.00, 3084.00) =	0.2033	Pr =	0.652			

Notes: χ^2 test of independence

^a Any preventive service includes the preventive services listed below (does not include primary care visit)

^b Analysis restricted to female respondents

^c Analysis restricted to female respondents over the age of 50

^d Analysis restricted to respondents over the age of 50

5.1.9 Preventive services by MIHA Statements led me to change health care decisions (2017), among respondents still enrolled

	MIHA Statements led me to change health care decisions (2017)			N
	Mean	SE	95%CI	
Any PCP visit (DW)				
Yes	2.9	0.03	[2.8, 2.9]	1,884
No	2.8	0.18	[2.4, 3.2]	68
Any preventive service (DW)^a				
Yes	2.9	0.03	[2.8, 2.9]	1,842
No	3.0	0.11	[2.7, 3.2]	110
Any dental visits (DW)				
Yes	2.8	0.03	[2.8, 2.9]	1,323
No	2.9	0.05	[2.8, 3.0]	629
Any cancer screening (DW)				
Yes	2.8	0.03	[2.8, 2.9]	1,196
No	2.9	0.04	[2.8, 3.0]	756
Any cervical cancer screening (DW)^b				
Yes	2.8	0.04	[2.7, 2.9]	745
No	2.8	0.06	[2.7, 2.9]	474
Any breast cancer screening (DW)^c				
Yes	2.8	0.06	[2.7, 2.9]	475
No	2.8	0.12	[2.5, 3.0]	128
Any colorectal cancer screening (DW)^d				
Yes	2.9	0.06	[2.8, 3.0]	448
No	2.9	0.06	[2.8, 3.0]	478
Any STI test (excluding HPV) (DW)				
Yes	2.8	0.05	[2.7, 2.9]	627
No	2.9	0.03	[2.8, 2.9]	1,325
Any HPV test (DW)				
Yes	2.8	0.06	[2.7, 2.9]	392
No	2.9	0.03	[2.8, 2.9]	1,560
Any vaccine (non-flu) (DW)				
Yes	2.8	0.04	[2.8, 2.9]	680
No	2.9	0.04	[2.8, 2.9]	1,272
Any flu vaccine (DW)				
Yes	2.9	0.04	[2.8, 3.0]	769
No	2.9	0.04	[2.8, 2.9]	1,183
Any pneumonia vaccine (DW)				
Yes	2.8	0.08	[2.7, 3.0]	228
No	2.9	0.03	[2.8, 2.9]	1,724
Any statin (DW)				
Yes	2.9	0.05	[2.8, 3.0]	509
No	2.8	0.03	[2.8, 2.9]	1,443
Any NRT/varenicline (DW)				
Yes	2.8	0.07	[2.7, 3.0]	287
No	2.9	0.03	[2.8, 2.9]	1,665
Any nutrition program (DW)				
Yes	2.8	0.11	[2.5, 3.0]	81
No	2.9	0.03	[2.8, 2.9]	1,871
Any diabetes prevention program (DW)				
Yes	3.0	0.16	[2.7, 3.3]	40
No	2.9	0.03	[2.8, 2.9]	1,912

Notes: MIHA statements led me to change health care decisions is measured on a 5-point Likert scale where 5 indicates "strongly agree" and 1 indicates "strongly disagree".

^a Any preventive service includes the preventive services listed below (does not include primary care visit)

^b Analysis restricted to female respondents

^c Analysis restricted to female respondents over the age of 50

^d Analysis restricted to respondents over the age of 50

5.1.10 Predictors of number of preventive services (1), among respondents still enrolled

	Number of preventive services (DW)			Number of preventive services (DW)			Number of preventive services (DW)		
	Coef.	95% CI	p-value	Coef.	95% CI	p-value	Coef.	95% CI	p-value
May get reduction by completing HRA (2017)									
No/don't know		Reference							
Yes	0.01	[-0.420, 0.448]	0.949						
Number of chronic conditions (DW)	0.78	[0.644, 0.910]	0.000	0.77	[0.636, 0.902]	0.000	0.21	[0.072, 0.350]	0.003
Age (DW)									
19-34		Reference			Reference			Reference	
35-50	0.87	[0.353, 1.383]	0.001	0.89	[0.372, 1.400]	0.001	0.83	[0.368, 1.284]	0.000
51-64	1.72	[1.208, 2.236]	0.000	1.76	[1.243, 2.274]	0.000	2.01	[1.533, 2.481]	0.000
Gender (DW)									
Male		Reference			Reference			Reference	
Female	3.99	[3.593, 4.384]	0.000	3.97	[3.570, 4.363]	0.000	3.45	[3.083, 3.811]	0.000
Race/ethnicity (2016)									
White, non-Hispanic		Reference			Reference			Reference	
Black, non-Hispanic	-0.54	[-1.050, -0.032]	0.037	-0.51	[-1.018, 0.005]	0.052	-0.01	[-0.449, 0.432]	0.971
Hispanic	-0.21	[-0.931, 0.509]	0.565	-0.18	[-0.907, 0.539]	0.618	0.32	[-0.296, 0.934]	0.310
Other, non-Hispanic	-0.48	[-1.159, 0.201]	0.167	-0.48	[-1.159, 0.208]	0.172	-0.22	[-0.763, 0.316]	0.417
FPL category (DW)									
0-35%		Reference			Reference			Reference	
36-99%	-0.03	[-0.491, 0.440]	0.914	-0.01	[-0.479, 0.452]	0.955	-0.03	[-0.458, 0.391]	0.878
100%+	0.05	[-0.409, 0.516]	0.819	0.04	[-0.420, 0.498]	0.867	0.12	[-0.291, 0.539]	0.558
Highest level of education (2017)									
High school or less		Reference			Reference			Reference	
Associate's degree/some college	0.17	[-0.254, 0.603]	0.425	0.13	[-0.292, 0.559]	0.537	0.08	[-0.297, 0.460]	0.673
Bachelor's/post graduate degree	0.61	[-0.022, 1.250]	0.058	0.59	[-0.043, 1.224]	0.068	0.71	[0.155, 1.269]	0.012
Some kinds of visits, tests, and medicines have no copays (2017)									
No/don't know					Reference				
Yes				0.42	[-0.028, 0.865]	0.066			
Any HRA completion with physician attestation (DW)									
No								Reference	
Yes							1.24	[0.875, 1.608]	0.000
Number of PCP visits (DW)							0.19	[0.156, 0.217]	0.000
Constant	3.49	[3.001, 3.981]	0.000	3.21	[2.632, 3.786]	0.000	2.10	[1.655, 2.555]	0.000
N	2,352			2,352			2,353		
F-value	73.595			74.611			110.034		
Model degrees of freedom	12.000			12.000			13.000		
Residual degrees of freedom	2,340.000			2,340.000			2,341.000		
F-value significance	0.000			0.000			0.000		

B187

Notes: Multiple linear regression.

5.1.11 Predictors of number of preventive services (2), among respondents still enrolled

	Number of preventive services (DW)			Number of preventive services (DW)			Number of preventive services (DW)		
	Coef.	95% CI	p-value	Coef.	95% CI	p-value	Coef.	95% CI	p-value
Discussed HRA with provider in the last year (2017)									
No/don't know		Reference							
Yes	0.84	[0.443, 1.232]	0.000						
Number of chronic conditions (DW)	0.72	[0.590, 0.857]	0.000	0.61	[0.484, 0.739]	0.000	0.76	[0.623, 0.888]	0.000
Age (DW)									
19-34		Reference			Reference			Reference	
35-50	0.86	[0.351, 1.369]	0.001	0.80	[0.282, 1.317]	0.002	0.83	[0.324, 1.335]	0.001
51-64	1.70	[1.181, 2.216]	0.000	1.73	[1.212, 2.242]	0.000	1.71	[1.206, 2.214]	0.000
Gender (DW)									
Male		Reference			Reference			Reference	
Female	3.91	[3.517, 4.301]	0.000	3.75	[3.364, 4.145]	0.000	3.93	[3.541, 4.321]	0.000
Race/ethnicity (2016)									
White, non-Hispanic		Reference			Reference			Reference	
Black, non-Hispanic	-0.61	[-1.110, -0.101]	0.019	-0.41	[-0.928, 0.099]	0.114	-0.48	[-0.974, 0.021]	0.060
Hispanic	-0.24	[-0.951, 0.478]	0.516	-0.19	[-0.896, 0.509]	0.589	-0.14	[-0.864, 0.583]	0.703
Other, non-Hispanic	-0.35	[-1.044, 0.349]	0.328	-0.29	[-0.932, 0.346]	0.369	-0.35	[-1.035, 0.328]	0.309
FPL category (DW)									
0-35%		Reference			Reference			Reference	
36-99%	-0.05	[-0.510, 0.417]	0.844	-0.08	[-0.550, 0.390]	0.738	-0.03	[-0.482, 0.427]	0.905
100%+	0.06	[-0.404, 0.519]	0.806	0.13	[-0.327, 0.584]	0.579	0.08	[-0.375, 0.532]	0.734
Highest level of education (2017)									
High school or less		Reference			Reference			Reference	
Associate's degree/some college	0.18	[-0.250, 0.609]	0.412	0.15	[-0.268, 0.572]	0.478	0.12	[-0.306, 0.539]	0.588
Bachelor's/post graduate degree	0.59	[-0.035, 1.223]	0.064	0.51	[-0.151, 1.166]	0.131	0.42	[-0.206, 1.054]	0.187
PCP visit in past 12 months (2017)									
No/don't know					Reference				
Yes				2.75	[2.144, 3.358]	0.000			
Having health insurance is important to me (2017)							0.19	[0.107, 0.264]	0.000
Constant	3.28	[2.795, 3.774]	0.000	1.76	[1.088, 2.439]	0.000	3.18	[2.705, 3.658]	0.000
N	2,350			2,238			2,353		
F-value	73.512			74.940			76.358		
Model degrees of freedom	12.000			12.000			12.000		
Residual degrees of freedom	2,338.000			2,226.000			2,341.000		
F-value significance	0.000			0.000			0.000		

B188

Notes: Multiple linear regression.

5.1.12 Predictors of number of preventive services (3), among respondents still enrolled

	Number of preventive services (DW)			Number of preventive services (DW)			Number of preventive services (DW)		
	Coef.	95% CI	p-value	Coef.	95% CI	p-value	Coef.	95% CI	p-value
Any outpatient visit (DW)									
No		Reference							
Yes	4.92	[4.298, 5.535]	0.000						
Number of chronic conditions (DW)	0.67	[0.542, 0.789]	0.000	0.75	[0.616, 0.885]	0.000	0.74	[0.590, 0.896]	0.000
Age (DW)									
19-34		Reference			Reference			Reference	
35-50	0.91	[0.438, 1.383]	0.000	0.88	[0.364, 1.392]	0.001	0.83	[0.248, 1.421]	0.005
51-64	1.68	[1.175, 2.180]	0.000	1.77	[1.247, 2.283]	0.000	1.63	[1.067, 2.199]	0.000
Gender (DW)									
Male		Reference			Reference			Reference	
Female	3.72	[3.341, 4.090]	0.000	3.90	[3.502, 4.290]	0.000	3.93	[3.502, 4.368]	0.000
Race/ethnicity (2016)									
White, non-Hispanic		Reference			Reference			Reference	
Black, non-Hispanic	-0.27	[-0.756, 0.207]	0.263	-0.42	[-0.937, 0.107]	0.119	-0.49	[-1.073, 0.087]	0.096
Hispanic	-0.09	[-0.800, 0.618]	0.801	-0.14	[-0.867, 0.588]	0.708	-0.44	[-1.271, 0.385]	0.294
Other, non-Hispanic	-0.12	[-0.711, 0.479]	0.702	-0.22	[-0.921, 0.478]	0.535	-0.77	[-1.623, 0.086]	0.078
FPL category (DW)									
0-35%		Reference			Reference			Reference	
36-99%	-0.17	[-0.617, 0.277]	0.455	-0.04	[-0.500, 0.429]	0.881	-0.25	[-0.773, 0.274]	0.351
100%+	-0.02	[-0.458, 0.420]	0.932	0.04	[-0.418, 0.493]	0.871	-0.07	[-0.577, 0.432]	0.779
Highest level of education (2017)									
High school or less		Reference			Reference			Reference	
Associate's degree/some college	0.07	[-0.344, 0.474]	0.754	0.09	[-0.336, 0.510]	0.686	0.12	[-0.366, 0.599]	0.636
Bachelor's/post graduate degree	0.53	[-0.038, 1.104]	0.067	0.50	[-0.130, 1.130]	0.120	0.58	[-0.086, 1.246]	0.088
Knowledge of HMP covered benefits and costs (2017)				0.37	[0.201, 0.530]	0.000			
MIHA Statements led me to change health care decisions (2017)							-0.05	[-0.276, 0.172]	0.648
Constant	-0.82	[-1.500, -0.140]	0.018	2.45	[1.751, 3.154]	0.000	4.12	[3.250, 4.983]	0.000
N	2,353			2,353			1,924		
F-value	108.933			74.451			55.034		
Model degrees of freedom	12.000			12.000			12.000		
Residual degrees of freedom	2,341.000			2,341.000			1,912.000		
F-value significance	0.000			0.000			0.000		

B189

Notes: Multiple linear regression. Knowledge of HMP covered benefits and costs is defined as the count of correct answers to a series of questions about HMP, which were common to both the 2016 and 2017 surveys (Range 0-6). These questions include: I could be dropped from the Healthy Michigan Plan for not paying my bill. Y/N/DK; I may get a reduction in the amount I might have to pay if I complete a health risk assessment. Y/N/DK; Some kinds of visits, tests and medicines have no copays. Y/N/DK; Do you think the following are covered under Healthy Michigan Plan, not covered, or you don't know: Eyeglasses, routine dental care, counseling for mental or emotional problems.

5.2 PCP visits and regular source of care

5.2.1 Any PCP visit by follow-up group, among all respondents

	Any PCP visit (DW)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Follow-up group					
Still enrolled (n=2,388)	92.9	[91.1, 94.4]	7.1	[5.6, 8.9]	100.0
No longer enrolled (n=709)	89.9	[86.3, 92.6]	10.1	[7.4, 13.7]	100.0
Pearson: Uncorrected chi2(1) =	7.0036				
Design-based F(1.00, 3085.00) =	3.1993	Pr =	0.074		
Total (n=3,097)	92.2	[90.6, 93.5]	7.8	[6.5, 9.4]	100.0

Notes: χ^2 test of independence.

5.2.2 Number of PCP visits by regular source of care is ER or urgent care in last 12 months (2017), among respondents still enrolled

	Number of PCP visits (DW)			N
	Mean	SE	95%CI	
Regular source of care is ER or urgent care in last 12 months (2017)				
Yes	7.0	1.10	[4.9, 9.2]	103
No	10.8	0.24	[10.3, 11.3]	2,285

5.2.3 Number of PCP visits by tried to contact PCP before going to ER (2017), among respondents still enrolled

	Number of PCP visits (DW)			N
	Mean	SE	95%CI	
Tried to contact PCP before going to ER (2017)				
Yes	16.2	1.19	[13.9, 18.6]	158
No/don't know	12.6	0.52	[11.6, 13.6]	603

5.2.4 Predictors of number of PCP visits, among respondents still enrolled

	Number of PCP visits (DW)			Number of PCP visits (DW)		
	Coef.	95% CI	p-value	Coef.	95% CI	p-value
Regular source of care is ER or urgent care in last 12 months (2017)						
No		Reference				
Yes	-0.30	[-0.565, -0.040]	0.024			
Number of chronic conditions (DW)	0.20	[0.180, 0.225]	0.000	0.18	[0.138, 0.213]	0.000
Homeless in the last 12 months (2017)						
No		Reference			Reference	
Yes	0.07	[-0.085, 0.227]	0.371	0.04	[-0.167, 0.251]	0.695
Number of places lived in past 3 years (2017)						
One		Reference			Reference	
Two	-0.06	[-0.154, 0.032]	0.202	-0.03	[-0.171, 0.117]	0.715
Three	0.16	[-0.010, 0.321]	0.065	0.11	[-0.117, 0.342]	0.336
Four or more	-0.03	[-0.264, 0.199]	0.784	-0.01	[-0.320, 0.300]	0.950
Mental health condition and/or substance use disorder (DW)						
No		Reference			Reference	
Yes	0.47	[0.384, 0.549]	0.000	0.38	[0.235, 0.528]	0.000
Age (DW)						
19-34		Reference			Reference	
35-50	0.05	[-0.050, 0.153]	0.318	0.05	[-0.116, 0.208]	0.576
51-64	-0.08	[-0.190, 0.020]	0.113	-0.05	[-0.213, 0.118]	0.575
Gender (DW)						
Male		Reference			Reference	
Female	0.26	[0.178, 0.335]	0.000	0.32	[0.197, 0.449]	0.000
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	-0.15	[-0.244, -0.057]	0.002	-0.29	[-0.433, -0.148]	0.000
Hispanic	-0.16	[-0.322, 0.000]	0.050	-0.32	[-0.606, -0.032]	0.030
Other, non-Hispanic	0.05	[-0.093, 0.188]	0.509	0.06	[-0.166, 0.284]	0.607
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	0.05	[-0.034, 0.129]	0.251	0.05	[-0.087, 0.181]	0.494
100%+	-0.01	[-0.093, 0.073]	0.808	-0.01	[-0.139, 0.116]	0.860
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	0.02	[-0.059, 0.099]	0.613	0.03	[-0.098, 0.153]	0.671
Bachelor's/post graduate degree	-0.07	[-0.181, 0.032]	0.170	-0.03	[-0.215, 0.145]	0.705
Tried to contact PCP before going to ER (2017)						
No/don't know					Reference	
Yes				0.16	[0.028, 0.299]	0.018
Constant	1.51	[1.388, 1.639]	0.000	1.62	[1.396, 1.853]	0.000
N	2,346			750		
F-value						
Model degrees of freedom						
Residual degrees of freedom	2,334.000			738.000		
F-value significance	2,334.000			738.000		

Notes: Multiple Poisson regression. For homeless in the last 12 months, and number of places lived in past 3 years, respondents who answered "Don't know" were excluded from the analysis. For tried to contact PCP before going to ER, respondents who answered "N/A" were excluded from the analysis.

5.2.5 Regular source of care is ER or urgent care in last 12 months (2017) by PCP visit in past 12 months (2017), among respondents still enrolled

PCP visit in past 12 months (2017)	Regular source of care is the ER or urgent care in last 12 months (2017)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Yes (n=1,998)	2.4	[1.7, 3.5]	97.6	[96.5, 98.3]	100.0
No/don't know (n=274)	15.0	[10.1, 21.6]	85.0	[78.4, 89.9]	100.0
Total (n=2,272)	4.2	[3.2, 5.5]	95.8	[94.5, 96.8]	100.0
Pearson: Uncorrected chi2(1) =	143.0519				
Design-based F(1.00, 2969.00) =	56.2172	Pr =	0.000		

Notes: χ^2 test of independence. $\phi=0.22$.

5.2.6 Regular source of care is not the ER in last 12 months (2016, 2017, change 2016-2017), among respondents still enrolled, respondents still enrolled with a chronic condition, respondents still enrolled with a mental health condition and/or substance use disorder, respondents still enrolled with a mental health condition, and respondents still enrolled with a substance use disorder

	Regular source of care is not the ER in last 12 months						Delta Percent
	Percent	2016 95%CI	N	Percent	2017 95%CI	N	
Among respondents still enrolled							
Regular source of care is not the ER	98.7	[98.0, 99.1]	2,237	97.4	[96.1, 98.3]	2,222	-1.3
Regular source of care is the ER	1.3	[0.9, 2.0]	30	2.6	[1.7, 3.9]	34	
Among respondents still enrolled with a chronic condition (2016 or 2017 survey and/or DW)							
Regular source of care is not the ER	98.7	[97.9, 99.2]	1,835	97.4	[95.8, 98.4]	1,829	-1.3
Regular source of care is the ER	1.3	[0.8, 2.1]	25	2.6	[1.6, 4.2]	26	
Among respondents still enrolled with a mental health condition and/or substance use disorder (DW)							
Regular source of care is not the ER	98.4	[97.3, 99.1]	1,307	97.1	[95.0, 98.3]	1,292	-1.3
Regular source of care is the ER	1.6	[0.9, 2.7]	19	2.9	[1.7, 5.0]	22	
Among respondents still enrolled with a mental health condition (DW)							
Regular source of care is not the ER	98.3	[97.0, 99.0]	1,184	97.8	[96.2, 98.7]	1,169	-0.5
Regular source of care is the ER	1.7	[1.0, 3.0]	18	2.2	[1.3, 3.8]	18	
Among respondents still enrolled with a substance use disorder (DW)							
Regular source of care is not the ER	98.7	[98.0, 99.1]	2,237	97.4	[96.1, 98.3]	2,222	-1.3
Regular source of care is the ER	1.3	[0.9, 2.0]	30	2.6	[1.7, 3.9]	34	

Notes: Regular source of care is not the ER in last 12 months was defined as respondents who reported that their regular source of care is a clinic, doctor's office, urgent care, walk-in clinic, other type of place, or don't know.

5.2.7 Regular source of care is not the ER (2017) by follow-up group, among chronic condition subgroups

	Regular source of care is not the ER				Total Row%
	No Row%	95%CI	Yes Row%	95%CI	
Among respondents with asthma (2016 or 2017 survey and/or DW)					
Still enrolled (n=597)	6.3	[3.6, 10.8]	93.7	[89.2, 96.4]	100.0
No longer enrolled (n=156)	2.3	[0.8, 6.3]	97.7	[93.7, 99.2]	100.0
Among respondents with arthritis (2016 or 2017 survey and/or DW)					
Still enrolled (n=1,057)	3.5	[2.3, 5.1]	96.5	[94.9, 97.7]	100.0
No longer enrolled (n=258)	3.4	[1.5, 7.1]	96.6	[92.9, 98.5]	100.0
Among respondents with cancer (2016 or 2017 survey and/or DW)					
Still enrolled (n=208)	1.4	[0.4, 5.0]	98.6	[95.0, 99.6]	100.0
No longer enrolled (n=59)	0.0		100.0		100.0
Among respondents with COPD (2016 or 2017 survey and/or DW)					
Still enrolled (n=652)	4.2	[2.3, 7.5]	95.8	[92.5, 97.7]	100.0
No longer enrolled (n=163)	4.3	[1.8, 9.5]	95.7	[90.5, 98.2]	100.0
Among respondents with diabetes (2016 or 2017 survey and/or DW)					
Still enrolled (n=549)	2.5	[1.3, 4.8]	97.5	[95.2, 98.7]	100.0
No longer enrolled (n=124)	5.8	[2.3, 13.8]	94.2	[86.2, 97.7]	100.0
Among respondents with hypertension (2016 or 2017 survey and/or DW)					
Still enrolled (n=1,171)	2.9	[1.9, 4.5]	97.1	[95.5, 98.1]	100.0
No longer enrolled (n=292)	4.8	[2.7, 8.6]	95.2	[91.4, 97.3]	100.0
Among respondents with heart disease (2016 or 2017 survey and/or DW)					
Still enrolled (n=444)	4.7	[2.6, 8.6]	95.3	[91.4, 97.4]	100.0
No longer enrolled (n=124)	4.6	[1.8, 11.1]	95.4	[88.9, 98.2]	100.0
Total (n=2,256)	4.0	[2.9, 5.4]	96.0	[94.6, 97.1]	100.0

5.3 Dental visit

5.3.1 Any dental visit by follow-up group, among all respondents

	Any dental visit (DW)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Follow-up group					
Still enrolled (n=2,388)	67.4	[64.9, 69.8]	32.6	[30.2, 35.1]	100.0
No longer enrolled (n=709)	65.3	[60.8, 69.6]	34.7	[30.4, 39.2]	100.0
Pearson: Uncorrected chi2(1) =	1.0463				
Design-based F(1.00, 3085.00) =	0.6479	Pr =	0.421		
Total (n=3,097)	66.9	[64.7, 69.0]	33.1	[31.0, 35.3]	100.0

Notes: χ^2 test of independence.

5.3.2 Any dental visit by knowledge that dental care is covered (2017), among respondents still enrolled

	Any dental visit (DW)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Knowledge that dental care is covered (2017)					
Yes (n=1,957)	74.7	[72.0, 77.1]	25.3	[22.9, 28.0]	100.0
No/don't know (n=431)	35.1	[29.7, 41.0]	64.9	[59.0, 70.3]	100.0
Pearson: Uncorrected chi2(1) =	330.4573				
Design-based F(1.00, 3085.00) =	154.3633	Pr =	0.000		
Total (n=2,388)	67.4	[64.9, 69.8]	32.6	[30.2, 35.1]	100.0

Notes: χ^2 test of independence. $\phi = 0.33$

5.3.3 Predictors of any dental visit, among respondents still enrolled

	Any dental visit (DW)		
	aOR	95% CI	p-value
Knowledge that dental care is covered (2017)			
No/don't know		Reference	
Yes	5.46	[4.075, 7.312]	0.000
Age (DW)			
19-34		Reference	
35-50	1.22	[0.894, 1.664]	0.211
51-64	0.94	[0.700, 1.263]	0.681
Gender (DW)			
Male		Reference	
Female	1.41	[1.098, 1.801]	0.007
Race/ethnicity (2016)			
White, non-Hispanic		Reference	
Black, non-Hispanic	0.79	[0.582, 1.071]	0.128
Hispanic	0.99	[0.601, 1.635]	0.972
Other, non-Hispanic	1.19	[0.744, 1.896]	0.472
FPL category (DW)			
0-35%		Reference	
36-99%	0.89	[0.676, 1.174]	0.412
100%+	0.94	[0.701, 1.271]	0.701
Highest level of education (2017)			
High school or less		Reference	
Associate's degree/some college	1.29	[0.986, 1.676]	0.063
Bachelor's/post graduate degree	1.22	[0.816, 1.815]	0.336
Constant	0.42	[0.277, 0.649]	0.000
N	2,353		
F-value	12.785		
Model degrees of freedom	11.000		
Residual degrees of freedom	2,341.000		
F-value significance	0.000		

Notes: Multiple logistic regression.

5.4 Tried to contact PCP before going to ER (2017)

5.4.1 Tried to contact PCP before going to ER (2017) by PCP visit in past 12 months (2017), among respondents still enrolled

PCP visit in past 12 months (2017)	Tried to contact PCP before going to ER (2017)				Total Row%
	Yes Row%	95%CI	No/don't know Row%	95%CI	
Yes (n=674)	21.3	[17.8, 25.4]	78.7	[74.6, 82.2]	100.0
No/don't know (n=64)	8.4	[3.7, 18.1]	91.6	[81.9, 96.3]	100.0
Total (n=738)	20.1	[16.8, 23.9]	79.9	[76.1, 83.2]	100.0
Pearson: Uncorrected chi2(1) =	13.0652				
Design-based F(1.00, 1435.00) =	5.9645	Pr =	0.015		

Notes: χ^2 test of independence. For tried to contact PCP before going to ER, respondents who answered "N/A" were excluded from the analysis. $\phi = 0.10$.

5.4.2 Predictors of tried to contact PCP before going to the ER (2017), among respondents still enrolled

	Tried to contact PCP before going to ER (2017)		
	aOR	95% CI	p-value
PCP visit in past 12 months (2017)			
No/don't know		Reference	
Yes	2.61	[0.977, 6.950]	0.056
Number of chronic conditions (DW)	1.10	[0.959, 1.259]	0.176
Homeless in the last 12 months (2017)			
Yes		Reference	
No	0.54	[0.252, 1.164]	0.116
Number of places lived in past 3 years (2017)			
One		Reference	
Two	0.96	[0.554, 1.661]	0.881
Three	0.37	[0.137, 1.010]	0.052
Four or more	0.83	[0.294, 2.359]	0.730
Mental health condition and/or substance use disorder (DW)			
No		Reference	
Yes	0.95	[0.568, 1.582]	0.837
Age (DW)			
19-34		Reference	
35-50	1.08	[0.597, 1.967]	0.790
51-64	1.14	[0.612, 2.135]	0.675
Gender (DW)			
Male		Reference	
Female	2.18	[1.317, 3.592]	0.002
Race/ethnicity (2016)			
White, non-Hispanic		Reference	
Black, non-Hispanic	0.85	[0.488, 1.474]	0.559
Hispanic	1.34	[0.504, 3.551]	0.559
Other, non-Hispanic	2.11	[1.008, 4.407]	0.048
FPL category (DW)			
0-35%		Reference	
36-99%	0.79	[0.475, 1.315]	0.364
100%+	1.13	[0.638, 1.994]	0.679
Highest level of education (2017)			
High school or less		Reference	
Associate's degree/some college	1.01	[0.616, 1.642]	0.983
Bachelor's/post graduate degree	2.80	[1.400, 5.582]	0.004
Constant	0.08	[0.025, 0.250]	0.000
N	727		
F-value	2.138		
Model degrees of freedom	17.000		
Residual degrees of freedom	715.000		
F-value significance	0.005		

Notes: Multiple logistic regression. For homeless in the last 12 months, and number of places lived in past 3 years, respondents who answered "Don't know" were excluded from the analysis.

5.5 ER visit (2016 or 2017)

5.5.1 ER visit (2016 or 2017) by follow-up group, among all respondents

	ER visit (2016 or 2017)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Follow-up group					
Still enrolled (n=2,388)	50.2	[47.6, 52.8]	49.8	[47.2, 52.4]	100.0
No longer enrolled (n=709)	44.1	[39.6, 48.8]	55.9	[51.2, 60.4]	100.0
Pearson: Uncorrected chi2(1) =	8.1077				
Design-based F(1.00, 3085.00) =	4.9585	Pr =	0.026		
Total (n=3,097)	48.8	[46.5, 51.1]	51.2	[48.9, 53.5]	100.0

Notes: χ^2 test of independence. $\phi = 0.05$. ER visit had different wording between follow-up groups; for respondents still enrolled, the question asked was "During the past 12 months, did you go to a hospital emergency room about your own health (whether or not you were admitted overnight)?"; for respondents no longer enrolled, the question asked was "Since your Healthy Michigan Plan insurance ended, did you go to a hospital emergency room about your own health (whether or not you were admitted overnight)?"

5.5.2 ER visit (2016 or 2017) by follow-up group, among respondents with a chronic condition

	ER visit (2016 or 2017)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Follow-up group					
Still enrolled (n=1,931)	54.8	[51.9, 57.7]	45.2	[42.3, 48.1]	100.0
No longer enrolled (n=538)	46.9	[41.7, 52.2]	53.1	[47.8, 58.3]	100.0
Pearson: Uncorrected chi2(1) =	13.1909				
Design-based F(1.00, 3085.00) =	6.6544	Pr =	0.010		
Total (n=2,469)	53.1	[50.5, 55.6]	46.9	[44.4, 49.5]	100.0

Notes: χ^2 test of independence. $\phi = 0.07$. ER visit had different wording between follow-up groups; for respondents still enrolled, the question asked was "During the past 12 months, did you go to a hospital emergency room about your own health (whether or not you were admitted overnight)?"; for respondents no longer enrolled, the question asked was "Since your Healthy Michigan Plan insurance ended, did you go to a hospital emergency room about your own health (whether or not you were admitted overnight)?"

5.5.3 ER visit (2016 or 2017) by follow-up group, among respondents with a mental health condition and/or substance use disorder

	ER visit (2016 or 2017)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Follow-up group					
Still enrolled (n=1,365)	63.2	[59.9, 66.4]	36.8	[33.6, 40.1]	100.0
No longer enrolled (n=384)	52.8	[46.7, 58.9]	47.2	[41.1, 53.3]	100.0
Pearson: Uncorrected chi2(1) =	23.6196				
Design-based F(1.00, 3085.00) =	8.8276	Pr =	0.003		
Total (n=1,749)	60.9	[58.0, 63.8]	39.1	[36.2, 42.0]	100.0

Notes: χ^2 test of independence. $\phi = 0.09$. ER visit had different wording between follow-up groups; for respondents still enrolled, the question asked was "During the past 12 months, did you go to a hospital emergency room about your own health (whether or not you were admitted overnight)?"; for respondents no longer enrolled, the question asked was "Since your Healthy Michigan Plan insurance ended, did you go to a hospital emergency room about your own health (whether or not you were admitted overnight)?"

5.5.4 ER visit (2016 or 2017) by follow-up group, among respondents with a chronic condition and a mental health condition and/or substance use disorder

	ER visit (2016 or 2017)				Total Row%
	Yes Row%	95%CI	No Row%	95%CI	
Follow-up group					
Still enrolled (n=1,187)	65.3	[61.7, 68.6]	34.7	[31.4, 38.3]	100.0
No longer enrolled (n=317)	55.1	[48.5, 61.4]	44.9	[38.6, 51.5]	100.0
Pearson: Uncorrected chi2(1) =	22.0883				
Design-based F(1.00, 3085.00) =	7.7388	Pr =	0.005		
Total (n=1,504)	63.2	[60.1, 66.2]	36.8	[33.8, 39.9]	100.0

Notes: χ^2 test of independence. $\phi = 0.08$. ER visit had different wording between follow-up groups; for respondents still enrolled, the question asked was "During the past 12 months, did you go to a hospital emergency room about your own health (whether or not you were admitted overnight)?"; for respondents no longer enrolled, the question asked was "Since your Healthy Michigan Plan insurance ended, did you go to a hospital emergency room about your own health (whether or not you were admitted overnight)?"

5.5.5 Predictors of ER visit (2016 or 2017), among all respondents, respondents with a chronic condition, respondents with a mental health condition and/or substance use disorder, and respondents with a chronic condition and a mental health condition and/or substance use disorder

	ER visit (2016 or 2017)			ER visit (2016 or 2017) ^a			ER visit (2016 or 2017) ^b			ER visit (2016 or 2017) ^c		
	aOR	95% CI	p-value	aOR	95% CI	p-value	aOR	95% CI	p-value	aOR	95% CI	p-value
Follow-up group												
Still enrolled		Reference			Reference			Reference			Reference	
No longer enrolled	0.81	[0.649, 1.019]	0.072	0.74	[0.573, 0.956]	0.021	0.64	[0.473, 0.858]	0.003	0.64	[0.465, 0.886]	0.007
Need help reading written materials (2016)												
Sometimes/often/always		Reference			Reference			Reference			Reference	
Never/rarely	0.71	[0.537, 0.933]	0.014	0.71	[0.525, 0.950]	0.021	0.97	[0.682, 1.367]	0.845	0.99	[0.689, 1.410]	0.938
Employed/self-employed (2017)												
No		Reference			Reference			Reference			Reference	
Yes	0.77	[0.623, 0.953]	0.016	0.75	[0.591, 0.940]	0.013	0.83	[0.626, 1.101]	0.196	0.81	[0.594, 1.091]	0.162
Fair/poor health (2017)												
No		Reference			Reference			Reference			Reference	
Yes	1.70	[1.363, 2.121]	0.000	1.56	[1.234, 1.976]	0.000	1.42	[1.065, 1.906]	0.017	1.43	[1.056, 1.942]	0.021
Discrimination due to English speaking ability (2016)												
No		Reference			Reference			Reference			Reference	
Yes	1.47	[0.653, 3.307]	0.353	1.44	[0.583, 3.533]	0.431	1.46	[0.479, 4.427]	0.508	2.36	[0.609, 9.117]	0.214
Discrimination due to race/ethnicity (2016)												
No		Reference			Reference			Reference			Reference	
Yes	1.69	[0.953, 3.007]	0.072	1.41	[0.760, 2.607]	0.277	1.72	[0.827, 3.594]	0.146	1.41	[0.652, 3.028]	0.385
Discrimination due to health insurance/ability to pay (2016)												
No		Reference			Reference			Reference			Reference	
Yes	1.44	[1.068, 1.949]	0.017	1.52	[1.097, 2.115]	0.012	1.55	[1.070, 2.246]	0.020	1.49	[0.995, 2.235]	0.053
Age (DW)												
19-34		Reference			Reference			Reference			Reference	
35-50	0.73	[0.571, 0.932]	0.012	0.66	[0.490, 0.884]	0.005	0.70	[0.502, 0.965]	0.030	0.68	[0.472, 0.992]	0.045
51-64	0.53	[0.416, 0.668]	0.000	0.45	[0.337, 0.589]	0.000	0.50	[0.361, 0.701]	0.000	0.46	[0.321, 0.673]	0.000
Gender (DW)												
Male		Reference			Reference			Reference			Reference	
Female	1.47	[1.206, 1.787]	0.000	1.39	[1.110, 1.728]	0.004	1.46	[1.130, 1.889]	0.004	1.46	[1.105, 1.938]	0.008
Race/ethnicity (2016)												
White, non-Hispanic		Reference			Reference			Reference			Reference	
Black, non-Hispanic	1.28	[1.010, 1.622]	0.041	1.24	[0.958, 1.617]	0.102	1.55	[1.094, 2.187]	0.014	1.51	[1.055, 2.167]	0.024
Hispanic	1.04	[0.664, 1.630]	0.864	0.86	[0.501, 1.475]	0.583	1.02	[0.568, 1.843]	0.939	0.74	[0.379, 1.430]	0.366
Other, non-Hispanic	1.03	[0.724, 1.456]	0.881	1.12	[0.746, 1.696]	0.574	1.38	[0.844, 2.253]	0.200	1.98	[1.154, 3.407]	0.013
FPL category (DW)												
0-35%		Reference			Reference			Reference			Reference	
36-99%	0.85	[0.680, 1.063]	0.155	0.93	[0.724, 1.193]	0.565	0.79	[0.587, 1.056]	0.110	0.82	[0.594, 1.127]	0.219
100%+	0.94	[0.740, 1.203]	0.639	1.09	[0.829, 1.438]	0.531	0.99	[0.716, 1.361]	0.937	1.10	[0.773, 1.570]	0.593
Highest level of education (2017)												
High school or less		Reference			Reference			Reference			Reference	
Associate's degree/some college	0.99	[0.800, 1.224]	0.924	0.93	[0.733, 1.175]	0.534	0.92	[0.695, 1.208]	0.535	0.88	[0.653, 1.184]	0.396
Bachelor's/post graduate degree	0.57	[0.421, 0.768]	0.000	0.64	[0.448, 0.912]	0.014	0.67	[0.437, 1.023]	0.064	0.73	[0.446, 1.182]	0.197
Constant	1.46	[1.016, 2.096]	0.041	2.00	[1.330, 2.995]	0.001	1.79	[1.115, 2.889]	0.016	1.98	[1.185, 3.293]	0.009
N	3,035			2,423			1,716			1,475		
F-value	7.165			5.821			3.644			3.612		
Model degrees of freedom	17.000			17.000			17.000			17.000		
Residual degrees of freedom	3,023.000			2,411.000			1,704.000			1,463.000		
F-value significance	0.000			0.000			0.000			0.000		

B200

Notes: Multiple logistic regression. ER visit had different wording between follow-up groups; for respondents still enrolled, the question asked was "During the past 12 months, did you go to a hospital emergency room about your own health (whether or not you were admitted overnight)?" for respondents no longer enrolled, the question asked was "Since your Healthy Michigan Plan insurance ended, did you go to a hospital emergency room about your own health (whether or not you were admitted overnight)?"

^a Analysis restricted to those with a chronic condition

^b Analysis restricted to those with a mental health condition and/or substance use disorder

^c Analysis restricted to those with a chronic condition and a mental health condition and/or substance use disorder

5.6 ER visits

5.6.1 All ER visits (Period 3) by demographics, employment (2017), fair/poor health (2017), and health literacy (2016), among respondents still enrolled

	No ER visits		All ER visits (DW, Period 3)				Total Row%
	Row%	95%CI	1-4 ER visits		5+ ER visits		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	
FPL category (DW)							
0-35% (n=1,001)	61.2	[57.3, 64.9]	33.3	[29.8, 37.1]	5.5	[3.8, 7.8]	100.0
36-99% (n=824)	67.0	[62.9, 70.8]	31.2	[27.4, 35.2]	1.8	[1.0, 3.5]	100.0
100%+ (n=563)	64.3	[59.5, 68.8]	33.9	[29.4, 38.6]	1.8	[0.9, 3.6]	100.0
Pearson: Uncorrected chi2(4) =	30.2227						
Design-based F(3.89, 11988.44) =	4.5286		Pr =	0.001			
Region (DW)							
UP/NW/NE (n=450)	66.0	[60.8, 70.9]	31.3	[26.5, 36.5]	2.7	[1.5, 4.8]	100.0
W/E Central/E (n=777)	63.4	[59.4, 67.3]	33.2	[29.4, 37.2]	3.4	[2.1, 5.4]	100.0
S Central/SW/SE (n=464)	60.8	[55.6, 65.8]	34.3	[29.5, 39.5]	4.8	[2.8, 8.2]	100.0
Detroit Metro (n=697)	63.5	[58.9, 67.9]	32.4	[28.3, 36.9]	4.1	[2.4, 6.9]	100.0
Pearson: Uncorrected chi2(6) =	4.5217						
Design-based F(4.97, 15332.89) =	0.4220		Pr =	0.833			
Age (DW)							
19-34 (n=664)	61.3	[56.5, 65.8]	32.6	[28.4, 37.2]	6.1	[4.1, 9.2]	100.0
35-50 (n=760)	60.0	[55.5, 64.3]	36.3	[32.1, 40.7]	3.8	[2.2, 6.3]	100.0
51-64 (n=964)	69.7	[66.0, 73.2]	29.1	[25.7, 32.8]	1.1	[0.6, 2.2]	100.0
Pearson: Uncorrected chi2(4) =	48.2802						
Design-based F(3.63, 11206.88) =	5.6809		Pr =	0.000			
Gender (DW)							
Male (n=933)	68.2	[64.3, 71.8]	29.3	[25.8, 33.1]	2.5	[1.6, 3.8]	100.0
Female (n=1,455)	59.0	[55.7, 62.3]	35.9	[32.8, 39.2]	5.0	[3.4, 7.4]	100.0
Pearson: Uncorrected chi2(2) =	33.4034						
Design-based F(2.00, 6165.72) =	7.4868		Pr =	0.001			
Race/ethnicity (2016)							
White, non-Hispanic (n=1,603)	65.8	[62.7, 68.8]	30.1	[27.3, 33.0]	4.1	[2.7, 6.2]	100.0
Black, non-Hispanic (n=479)	55.3	[49.7, 60.8]	40.9	[35.5, 46.6]	3.7	[2.2, 6.2]	100.0
Hispanic (n=100)	62.2	[50.6, 72.7]	34.7	[24.7, 46.4]	3.0	[1.1, 8.1]	100.0
Other, non-Hispanic (n=176)	71.2	[62.8, 78.4]	25.8	[19.0, 33.9]	3.0	[1.0, 8.5]	100.0
Pearson: Uncorrected chi2(6) =	38.7091						
Design-based F(5.75, 17566.18) =	3.0269		Pr =	0.007			
Highest level of education (2017)							
High school or less (n=1,268)	60.2	[56.7, 63.6]	35.4	[32.2, 38.9]	4.4	[3.0, 6.4]	100.0
Associate's degree/some college (n=836)	63.8	[59.4, 68.0]	32.8	[28.8, 37.1]	3.4	[1.9, 6.0]	100.0
Bachelor's/post graduate degree (n=279)	74.7	[68.0, 80.4]	22.1	[16.8, 28.4]	3.2	[1.4, 7.4]	100.0
Pearson: Uncorrected chi2(4) =	27.6090						
Design-based F(3.82, 11766.47) =	2.9142		Pr =	0.022			
Employed/self-employed (2017)							
Yes (n=1,319)	66.4	[63.0, 69.7]	30.5	[27.3, 33.8]	3.1	[1.9, 5.2]	100.0
No (n=1,066)	59.2	[55.4, 62.9]	36.0	[32.4, 39.7]	4.8	[3.4, 6.8]	100.0
Pearson: Uncorrected chi2(2) =	19.1647						
Design-based F(1.93, 5954.49) =	3.6622		Pr =	0.027			
Fair/poor health (2017)							
Yes (n=670)	51.8	[47.1, 56.5]	42.5	[37.9, 47.2]	5.7	[3.8, 8.5]	100.0
No (n=1,718)	67.5	[64.5, 70.4]	29.3	[26.6, 32.2]	3.2	[2.1, 4.9]	100.0
Pearson: Uncorrected chi2(2) =	66.5091						
Design-based F(1.96, 6051.13) =	14.2970		Pr =	0.000			
Need help reading written materials (2016)							
Never/rarely (n=2,041)	65.0	[62.3, 67.7]	31.1	[28.6, 33.8]	3.8	[2.7, 5.3]	100.0
Sometimes/often/always (n=344)	53.8	[47.2, 60.3]	42.1	[35.8, 48.7]	4.1	[2.0, 8.0]	100.0
Pearson: Uncorrected chi2(2) =	23.1005						
Design-based F(1.98, 6111.29) =	4.8895		Pr =	0.008			
Total (n=2,388)	63.3	[60.7, 65.7]	32.9	[30.5, 35.3]	3.9	[2.9, 5.2]	100.0

Notes: χ^2 test of independence.

5.6.2 All ER visits (Period 3) by change in mental health status (2017), PCP appointment ease (2017), and forgone health care in last 12 months (2017), among respondents still enrolled

	No ER visits		All ER visits (DW, Period 3)		5+ ER visits		Total Row%
	Row%	95%CI	1-4 ER visits Row%	95%CI	Row%	95%CI	
Change in mental health (2017)							
Gotten better (n=637)	62.2	[57.1, 67.0]	33.6	[29.0, 38.5]	4.3	[2.3, 7.7]	100.0
Stayed the same/don't know (n=1,450)	65.6	[62.3, 68.7]	31.2	[28.2, 34.3]	3.3	[2.1, 5.0]	100.0
Gotten worse (n=299)	54.7	[47.5, 61.7]	39.4	[32.7, 46.5]	5.9	[3.5, 9.8]	100.0
Pearson: Uncorrected chi2(4) =	19.1497						
Design-based F(3.79, 11675.99) =	1.9720	Pr =	0.100				
PCP appointment ease (2017)							
Very easy/easy/neutral/don't know (n=2,033)	62.8	[60.0, 65.5]	33.0	[30.4, 35.7]	4.2	[3.0, 5.8]	100.0
Difficult/very difficult (n=197)	50.6	[42.1, 59.1]	45.5	[37.2, 54.1]	3.9	[1.8, 7.9]	100.0
Pearson: Uncorrected chi2(2) =	16.4705						
Design-based F(1.97, 5771.80) =	4.5733	Pr =	0.011				
Forgone health care in last 12 months (2017)							
Yes (n=183)	45.5	[36.8, 54.5]	45.1	[36.3, 54.1]	9.4	[4.8, 17.5]	100.0
No/don't know (n=2,204)	64.7	[62.1, 67.3]	31.9	[29.4, 34.4]	3.4	[2.4, 4.8]	100.0
Pearson: Uncorrected chi2(2) =	45.3454						
Design-based F(1.95, 6002.68) =	9.5854	Pr =	0.000				
Total (n=2,388)	63.3	[60.7, 65.7]	32.9	[30.5, 35.3]	3.9	[2.9, 5.2]	100.0

Notes: χ^2 test of independence. For PCP appointment ease, respondents who answered "N/A" were excluded from the analysis.

5.6.3 Number of ER visits by period, among respondents still enrolled

	Number of ER visits (DW)			N
	Mean	SE	95%CI	
Period of enrollment (DW)				
Period 1	0.8	0.07	[0.7, 0.9]	2,388
Period 2	1.0	0.06	[0.9, 1.1]	2,388
Period 3	0.8	0.06	[0.7, 1.0]	2,388

Notes: Periods refer to 12 month windows during the time enrolled in HMP. Please refer to Appendix C for full definition.

5.6.4 Number of ER visits by period, among respondents no longer enrolled

	Number of ER visits (DW)			N
	Mean	SE	95%CI	
Period of enrollment (DW)				
Period 1	0.7	0.06	[0.6, 0.9]	709
Period 2	1.0	0.08	[0.8, 1.1]	709
Period 3	0.6	0.07	[0.5, 0.8]	709

Notes: Periods refer to 12 month windows during the time enrolled in HMP. Please refer to Appendix C for full definition.

5.6.5 Predictors of the number of ER visits , among respondents still enrolled

	Number of ER visits			Number of ER visits			Number of ER visits		
	Coef.	95% CI	p-value	Coef.	95% CI	p-value	Coef.	95% CI	p-value
Period of enrollment									
Period 1		Reference			Reference			Reference	
Period 2	0.22	[0.086, 0.363]	0.001	0.22	[0.086, 0.363]	0.001	0.22	[0.086, 0.363]	0.001
Period 3	0.07	[-0.085, 0.222]	0.382	0.07	[-0.085, 0.222]	0.382	0.07	[-0.085, 0.222]	0.382
Need help reading written materials (2016)									
Sometimes/often/always		Reference			Reference			Reference	
Never/rarely	-0.20	[-0.407, 0.008]	0.059	-0.18	[-0.389, 0.022]	0.081	-0.20	[-0.408, 0.012]	0.065
Fair/poor health (2017)									
No		Reference			Reference			Reference	
Yes	0.58	[0.407, 0.756]	0.000	0.53	[0.357, 0.703]	0.000	0.55	[0.378, 0.732]	0.000
Employed/self-employed (2017)									
No		Reference			Reference			Reference	
Yes	-0.25	[-0.436,- 0.057]	0.011	-0.22	[-0.413,- 0.032]	0.022	-0.23	[-0.418,- 0.038]	0.019
Age (DW)									
19-34		Reference			Reference			Reference	
35-50	-0.25	[-0.469,- 0.025]	0.029	-0.24	[-0.462,- 0.022]	0.031	-0.27	[-0.490,- 0.044]	0.019
51-64	-0.83	[-1.047,- 0.623]	0.000	-0.83	[-1.037,- 0.620]	0.000	-0.86	[-1.077,- 0.652]	0.000
Gender (DW)									
Male		Reference			Reference			Reference	
Female	0.42	[0.240, 0.607]	0.000	0.42	[0.237, 0.601]	0.000	0.36	[0.177, 0.543]	0.000
Race/ethnicity (2016)									
White, non-Hispanic		Reference			Reference			Reference	
Black, non-Hispanic	0.36	[0.166, 0.555]	0.000	0.36	[0.170, 0.560]	0.000	0.39	[0.193, 0.581]	0.000
Hispanic	0.04	[-0.423, 0.510]	0.854	0.04	[-0.420, 0.498]	0.868	0.05	[-0.412, 0.520]	0.820
Other, non-Hispanic	-0.03	[-0.362, 0.302]	0.858	-0.03	[-0.363, 0.296]	0.841	-0.01	[-0.339, 0.310]	0.929
FPL category (DW)									
0-35%		Reference			Reference			Reference	
36-99%	-0.29	[-0.499,- 0.078]	0.007	-0.27	[-0.475,- 0.055]	0.013	-0.31	[-0.519,- 0.101]	0.004
100%+	-0.19	[-0.411, 0.038]	0.103	-0.18	[-0.407, 0.040]	0.108	-0.22	[-0.438, 0.007]	0.058
Highest level of education (2017)									
High school or less		Reference			Reference			Reference	
Associate's degree/some college	-0.13	[-0.324, 0.064]	0.188	-0.14	[-0.337, 0.052]	0.150	-0.16	[-0.352, 0.033]	0.104
Bachelor's/post graduate degree	-0.61	[-0.914,- 0.305]	0.000	-0.65	[-0.950,- 0.345]	0.000	-0.64	[-0.939,- 0.338]	0.000
Forgone health care in last 12 months (2017)									
No/don't know					Reference				
Yes				0.55	[0.291, 0.810]	0.000			
Any PCP visit (DW)									
No								Reference	
Yes							0.77	[0.361, 1.177]	0.000
Constant	-0.74	[-1.033,- 0.455]	0.000	-0.80	[-1.082,- 0.512]	0.000	-1.40	[-1.857,- 0.941]	0.000
Respondent	1.53	[1.305, 1.763]	0.000	1.51	[1.280, 1.739]	0.000	1.50	[1.279, 1.726]	0.000
N	7,041			7,038			7,041		
F-value	16.180			16.821			16.206		
Model degrees of freedom	15.000			16.000			16.000		
Residual degrees of freedom	2,335.000			2,334.000			2,335.000		
F-value significance	0.000			0.000			0.000		

Notes: Mixed effects Poisson model. Periods refer to 12 month windows during the time enrolled in HMP. Please refer to Appendix C for full definition.

5.6.6 Predictors of the number of ER visits, among respondents no longer enrolled

	Number of ER visits			Number of ER visits			Number of ER visits			Number of ER visits		
	Coef.	95% CI	p-value									
Period of enrollment (DW)												
Period 1		Reference			Reference			Reference			Reference	
Period 2	0.31	[0.150, 0.465]	0.000	0.31	[0.150, 0.465]	0.000	0.31	[0.150, 0.465]	0.000	0.31	[0.150, 0.465]	0.000
Period 3	-0.16	[-0.395, 0.084]	0.203	-0.16	[-0.395, 0.084]	0.203	-0.16	[-0.395, 0.084]	0.203	-0.16	[-0.395, 0.084]	0.203
Need help reading written materials (2016)												
Sometimes/often/always		Reference			Reference			Reference			Reference	
Never/rarely	-0.26	[-0.656, 0.130]	0.189	-0.20	[-0.587, 0.192]	0.320	-0.18	[-0.564, 0.203]	0.355	-0.27	[-0.662, 0.124]	0.180
Fair/poor health (2017)												
No		Reference			Reference			Reference			Reference	
Yes	0.46	[0.145, 0.777]	0.004	0.47	[0.155, 0.779]	0.003	0.39	[0.080, 0.702]	0.014	0.45	[0.129, 0.761]	0.006
Employed/self-employed (2017)												
No		Reference			Reference			Reference			Reference	
Yes	-0.21	[-0.517, 0.092]	0.171	-0.21	[-0.508, 0.087]	0.166	-0.22	[-0.517, 0.083]	0.156	-0.22	[-0.522, 0.088]	0.163
Age (DW)												
19-34		Reference			Reference			Reference			Reference	
35-50	-0.20	[-0.533, 0.127]	0.227	-0.21	[-0.532, 0.120]	0.216	-0.21	[-0.528, 0.113]	0.204	-0.20	[-0.533, 0.129]	0.231
51-64	-0.64	[-0.979, -0.311]	0.000	-0.65	[-0.982, -0.322]	0.000	-0.56	[-0.906, -0.223]	0.001	-0.64	[-0.973, -0.303]	0.000
Gender (DW)												
Male		Reference			Reference			Reference			Reference	
Female	0.58	[0.284, 0.868]	0.000	0.61	[0.317, 0.893]	0.000	0.65	[0.360, 0.936]	0.000	0.58	[0.286, 0.870]	0.000
Race/ethnicity (2016)												
White, non-Hispanic		Reference			Reference			Reference			Reference	
Black, non-Hispanic	0.04	[-0.282, 0.369]	0.792	-0.02	[-0.347, 0.309]	0.909	0.03	[-0.300, 0.365]	0.849	0.07	[-0.258, 0.395]	0.681
Hispanic	-0.10	[-0.633, 0.427]	0.702	-0.14	[-0.673, 0.402]	0.621	-0.14	[-0.675, 0.385]	0.592	-0.09	[-0.625, 0.436]	0.727
Other, non-Hispanic	-0.14	[-0.700, 0.428]	0.636	-0.24	[-0.793, 0.307]	0.385	-0.23	[-0.761, 0.308]	0.405	-0.12	[-0.682, 0.445]	0.680
FPL category (DW)												
0-35%		Reference			Reference			Reference			Reference	
36-99%	-0.11	[-0.438, 0.226]	0.531	-0.15	[-0.475, 0.181]	0.378	-0.17	[-0.505, 0.157]	0.303	-0.09	[-0.427, 0.241]	0.585
100%+	-0.29	[-0.640, 0.069]	0.114	-0.32	[-0.671, 0.029]	0.072	-0.34	[-0.692, 0.018]	0.063	-0.29	[-0.641, 0.063]	0.107
Highest level of education (2017)												
High school or less		Reference			Reference			Reference			Reference	
Associate's degree/some college	-0.22	[-0.522, 0.089]	0.165	-0.15	[-0.455, 0.160]	0.345	-0.16	[-0.462, 0.141]	0.296	-0.23	[-0.536, 0.075]	0.140
Bachelor's/post graduate degree	-1.05	[-1.547, -0.548]	0.000	-0.96	[-1.462, -0.453]	0.000	-0.87	[-1.376, -0.371]	0.001	-1.05	[-1.551, -0.552]	0.000
Go to ER because they can't deny care (2017)												
Yes				0.21	[0.087, 0.329]	0.001						
Go to ER because it's the only place to get care (2017)							0.24	[0.129, 0.350]	0.000			
Forgone health care since HMP coverage ended (2017)												
No/don't know											Reference	
Yes										0.19	[-0.155, 0.525]	0.285
Constant	-0.62	[-1.138, -0.101]	0.019	-1.18	[-1.808, -0.543]	0.000	-1.36	[-2.007, -0.721]	0.000	-0.65	[-1.174, -0.128]	0.015
Respondent	1.40	[1.095, 1.700]	0.000	1.34	[1.049, 1.633]	0.000	1.32	[1.043, 1.606]	0.000	1.40	[1.093, 1.699]	0.000
N	2,091			2,088			2,088			2,091		
F-value	6.746			7.538			8.034			6.317		
Model degrees of freedom	15.000			16.000			16.000			16.000		
Residual degrees of freedom	685.000			684.000			684.000			685.000		
F-value significance	0.000			0.000			0.000			0.000		

Notes: Mixed effects Poisson model. Periods refer to 12 month windows during the time enrolled in HMP. Please refer to Appendix C for full definition.

5.6.7 Number of ER visits by period, among respondents with a chronic condition

	Number of ER visits (DW)			N
	Mean	SE	95%CI	
Period of enrollment (DW)				
Period 1	0.9	0.07	[0.7, 1.0]	2,469
Period 2	1.1	0.07	[1.0, 1.3]	2,469
Period 3	0.9	0.06	[0.8, 1.0]	2,469

Notes: Periods refer to 12 month windows during the time enrolled in HMP. Please refer to Appendix C for full definition.

5.6.8 Number of ER visits by period, among respondents with a mental health condition and/or substance use disorder

	Number of ER visits (DW)			N
	Mean	SE	95%CI	
Period of enrollment (DW)				
Period 1	1.1	0.09	[0.9, 1.3]	1,749
Period 2	1.4	0.09	[1.2, 1.6]	1,749
Period 3	1.1	0.08	[1.0, 1.3]	1,749

Notes: Periods refer to 12 month windows during the time enrolled in HMP. Please refer to Appendix C for full definition.

5.6.9 Number of ER visits by period, among respondents with a chronic condition and a mental health condition and/or substance use disorder

	Number of ER visits (DW)			N
	Mean	SE	95%CI	
Period of enrollment (DW)				
Period 1	1.2	0.11	[1.0, 1.4]	1,504
Period 2	1.5	0.10	[1.3, 1.7]	1,504
Period 3	1.2	0.09	[1.0, 1.4]	1,504

Notes: Periods refer to 12 month windows during the time enrolled in HMP. Please refer to Appendix C for full definition.

5.6.10 Low complexity ER visits (Period 3) by demographics, employment (2017), fair/poor health (2017), and health literacy (2016), among respondents still enrolled

	Low complexity ER visits (DW, Period 3)				Total Row%
	No ER visits		1-4 ER visits		
	Row%	95%CI	Row%	95%CI	
FPL category (DW)					
0-35% (n=1,001)	97.0	[95.2, 98.2]	3.0	[1.8, 4.8]	100.0
36-99% (n=824)	98.1	[96.6, 98.9]	1.9	[1.1, 3.4]	100.0
100%+ (n=563)	98.1	[96.5, 99.0]	1.9	[1.0, 3.5]	100.0
Pearson: Uncorrected chi2(2) =	3.7402				
Design-based F(1.88, 5809.39) =	1.1808	Pr =	0.305		
Region (DW)					
UP/NW/NE (n=450)	97.5	[95.5, 98.6]	2.5	[1.4, 4.5]	100.0
W/E Central/E (n=777)	97.6	[95.6, 98.7]	2.4	[1.3, 4.4]	100.0
S Central/SW/SE (n=464)	98.1	[96.1, 99.0]	1.9	[1.0, 3.9]	100.0
Detroit Metro (n=697)	97.2	[95.0, 98.5]	2.8	[1.5, 5.0]	100.0
Pearson: Uncorrected chi2(3) =	1.1267				
Design-based F(2.44, 7525.47) =	0.2150	Pr =	0.848		
Age (DW)					
19-34 (n=664)	96.9	[94.8, 98.2]	3.1	[1.8, 5.2]	100.0
35-50 (n=760)	97.1	[94.7, 98.4]	2.9	[1.6, 5.3]	100.0
51-64 (n=964)	98.8	[97.8, 99.3]	1.2	[0.7, 2.2]	100.0
Pearson: Uncorrected chi2(2) =	8.1756				
Design-based F(1.74, 5365.31) =	1.9432	Pr =	0.149		
Gender (DW)					
Male (n=933)	98.1	[96.9, 98.8]	1.9	[1.2, 3.1]	100.0
Female (n=1,455)	97.0	[95.2, 98.1]	3.0	[1.9, 4.8]	100.0
Pearson: Uncorrected chi2(1) =	3.9901				
Design-based F(1.00, 3085.00) =	1.8060	Pr =	0.179		
Race/ethnicity (2016)					
White, non-Hispanic (n=1,603)	97.4	[95.8, 98.4]	2.6	[1.6, 4.2]	100.0
Black, non-Hispanic (n=479)	97.6	[95.4, 98.8]	2.4	[1.2, 4.6]	100.0
Hispanic (n=100)	99.0	[93.0, 99.9]	1.0	[0.1, 7.0]	100.0
Other, non-Hispanic (n=176)	97.5	[92.3, 99.2]	2.5	[0.8, 7.7]	100.0
Pearson: Uncorrected chi2(3) =	1.4137				
Design-based F(2.89, 8823.67) =	0.2203	Pr =	0.876		
Highest level of education (2017)					
High school or less (n=1,268)	97.7	[96.4, 98.5]	2.3	[1.5, 3.6]	100.0
Associate's degree/some college (n=836)	97.0	[94.3, 98.4]	3.0	[1.6, 5.7]	100.0
Bachelor's/post graduate degree (n=279)	98.5	[96.6, 99.3]	1.5	[0.7, 3.4]	100.0
Pearson: Uncorrected chi2(2) =	2.7946				
Design-based F(1.63, 5013.90) =	0.7194	Pr =	0.460		
Employed/self-employed (2017)					
Yes (n=1,319)	97.6	[96.0, 98.6]	2.4	[1.4, 4.0]	100.0
No (n=1,066)	97.4	[95.8, 98.4]	2.6	[1.6, 4.2]	100.0
Pearson: Uncorrected chi2(1) =	0.1968				
Design-based F(1.00, 3082.00) =	0.0759	Pr =	0.783		
Fair/poor health (2017)					
Yes (n=670)	97.1	[94.6, 98.4]	2.9	[1.6, 5.4]	100.0
No (n=1,718)	97.7	[96.4, 98.5]	2.3	[1.5, 3.6]	100.0
Pearson: Uncorrected chi2(1) =	0.7887				
Design-based F(1.00, 3085.00) =	0.3068	Pr =	0.580		
Need help reading written materials (2016)					
Never/rarely (n=2,041)	97.6	[96.5, 98.4]	2.4	[1.6, 3.5]	100.0
Sometimes/often/always (n=344)	96.8	[93.2, 98.5]	3.2	[1.5, 6.8]	100.0
Pearson: Uncorrected chi2(1) =	1.1738				
Design-based F(1.00, 3082.00) =	0.4697	Pr =	0.493		
Total (n=2,388)	97.5	[96.4, 98.3]	2.5	[1.7, 3.6]	100.0

Notes: χ^2 test of independence.

5.6.11 Low complexity ER visits (Period 3) by change in mental health status (2017), PCP appointment ease (2017), and forgone health care in last 12 months (2017), among respondents still enrolled

	Low complexity ER visits (DW, Period 3)				Total Row%
	No ER visits		1-4 ER visits		
	Row%	95%CI	Row%	95%CI	
Change in mental health (2017)					
Gotten better (n=637)	97.0	[94.9, 98.2]	3.0	[1.8, 5.1]	100.0
Stayed the same/don't know (n=1,450)	97.7	[96.1, 98.7]	2.3	[1.3, 3.9]	100.0
Gotten worse (n=299)	97.7	[94.7, 99.0]	2.3	[1.0, 5.3]	100.0
Pearson: Uncorrected chi2(2) =	1.3879				
Design-based F(1.94, 5971.50) =	0.3244	Pr =	0.716		
PCP appointment ease (2017)					
Very easy/easy/neutral/don't know (n=2,033)	97.4	[96.1, 98.2]	2.6	[1.8, 3.9]	100.0
Difficult/very difficult (n=197)	97.7	[94.9, 99.0]	2.3	[1.0, 5.1]	100.0
Pearson: Uncorrected chi2(1) =	0.1102				
Design-based F(1.00, 2927.00) =	0.0944	Pr =	0.759		
Forgone health care in last 12 months (2017)					
Yes (n=183)	95.3	[88.3, 98.2]	4.7	[1.8, 11.7]	100.0
No/don't know (n=2,204)	97.7	[96.6, 98.4]	2.3	[1.6, 3.4]	100.0
Pearson: Uncorrected chi2(1) =	5.2130				
Design-based F(1.00, 3084.00) =	1.9124	Pr =	0.167		
Total (n=2,388)	97.5	[96.4, 98.3]	2.5	[1.7, 3.6]	100.0

Notes: χ^2 test of independence. For PCP appointment ease, respondents who answered "N/A" were excluded from the analysis.

5.6.12 Predictors of the number of low complexity ER visits, among respondents still enrolled

	Number of low complexity ER visits (DW)			Number of low complexity ER visits (DW)		
	Coef.	95% CI	p-value	Coef.	95% CI	p-value
PCP visit in past 12 months (2017)						
No/don't know		Reference				
Yes	0.59	[-0.188, 1.363]	0.137			
Number of chronic conditions (DW)	-0.00	[-0.217, 0.208]	0.969	0.00	[-0.240, 0.250]	0.968
Homeless in the last 12 months (2017)						
Yes		Reference			Reference	
No	-1.42	[-2.428,- 0.414]	0.006	-1.24	[-2.254,- 0.222]	0.017
Number of places lived in past 3 years (2017)						
One		Reference			Reference	
Two	0.85	[0.332, 1.368]	0.001	0.82	[0.280, 1.361]	0.003
Three	0.77	[-0.006, 1.536]	0.052	0.71	[-0.052, 1.475]	0.068
Four or more	0.06	[-0.908, 1.021]	0.908	0.22	[-0.677, 1.110]	0.635
Mental health condition and/or substance use disorder (DW)						
No		Reference			Reference	
Yes	0.60	[0.118, 1.090]	0.015	0.77	[0.260, 1.273]	0.003
Age (DW)						
19-34		Reference			Reference	
35-50	0.18	[-0.551, 0.916]	0.625	0.23	[-0.508, 0.968]	0.541
51-64	-0.83	[-1.468,- 0.190]	0.011	-0.71	[-1.336,- 0.075]	0.028
Gender (DW)						
Male		Reference			Reference	
Female	0.55	[0.030, 1.067]	0.038	0.49	[0.000, 0.985]	0.050
Race/ethnicity (2016)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	-0.13	[-0.750, 0.492]	0.685	-0.03	[-0.605, 0.547]	0.922
Hispanic	-0.35	[-1.452, 0.752]	0.533	-0.45	[-1.597, 0.691]	0.438
Other, non-Hispanic	0.30	[-0.518, 1.113]	0.475	0.22	[-0.593, 1.025]	0.601
FPL category (DW)						
0-35%		Reference			Reference	
36-99%	-0.42	[-0.936, 0.103]	0.116	-0.41	[-0.918, 0.098]	0.114
100%+	-0.04	[-0.565, 0.483]	0.878	-0.09	[-0.619, 0.431]	0.726
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	0.06	[-0.440, 0.560]	0.815	0.07	[-0.469, 0.609]	0.798
Bachelor's/post graduate degree	0.02	[-0.588, 0.622]	0.956	-0.00	[-0.594, 0.593]	0.998
Number of PCP visits (DW)						
Constant	-2.47	[-3.448,- 1.486]	0.000	-2.26	[-3.126,- 1.386]	0.000
N	2,235			2,349		
F-value						
Model degrees of freedom						
Residual degrees of freedom	2,223.000			2,337.000		
F-value significance	2,223.000			2,337.000		

Notes: Multiple Poisson regression. For homeless in the last 12 months, and number of places lived in past 3 years, respondents who answered "Don't know" were excluded from the analysis.

- 6 Aim 6: To understand why respondents lose or drop HMP coverage and what, if any, source of health insurance coverage they subsequently obtain.**

6.1 Follow-up group (2017)

6.1.1 Follow-up group by health literacy (2016), experience of homelessness (2017), and change in employment (from 2016-2017), among all respondents

	Still enrolled		Follow-up group No longer enrolled		Total Row%
	Row%	95%CI	Row%	95%CI	
Need help reading written materials (2016)					
Never/rarely (n=2,641)	76.8	[74.7, 78.8]	23.2	[21.2, 25.3]	100.0
Sometimes/often/always (n=453)	76.8	[71.6, 81.4]	23.2	[18.6, 28.4]	100.0
Pearson: Uncorrected chi2(1) =	0.0014				
Design-based F(1.00, 3082.00) =	0.0008	Pr =	0.977		
Homeless in the last 12 months (2017)					
Yes (n=195)	74.0	[65.5, 81.0]	26.0	[19.0, 34.5]	100.0
No (n=2,898)	77.1	[75.1, 78.9]	22.9	[21.1, 24.9]	100.0
Pearson: Uncorrected chi2(1) =	1.1571				
Design-based F(1.00, 3081.00) =	0.5915	Pr =	0.442		
Change in employment (from 2016-2017)					
No employment gain (n=2,716)	77.3	[75.2, 79.2]	22.7	[20.8, 24.8]	100.0
Employment gain (n=381)	74.1	[67.8, 79.4]	25.9	[20.6, 32.2]	100.0
Pearson: Uncorrected chi2(1) =	2.2849				
Design-based F(1.00, 3085.00) =	1.1298	Pr =	0.288		

Notes: χ^2 test of independence. Change in employment was defined as respondents who reported not being employed/self-employed in 2016 and then reported being employed/self-employed in 2017. For homeless in the last 12 months, respondents who answered "Don't know" were excluded from the analysis.

6.1.2 Follow-up group by housing insecurity (2017), among all respondents

Number of places lived in past 3 years (2017)	Still enrolled		Follow-up group No longer enrolled		Total Row%
	Row%	95%CI	Row%	95%CI	
One (n=2,175)	79.9	[77.8, 81.9]	20.1	[18.1, 22.2]	100.0
Two (n=611)	72.5	[67.8, 76.8]	27.5	[23.2, 32.2]	100.0
Three (n=186)	67.7	[58.4, 75.7]	32.3	[24.3, 41.6]	100.0
Four or more (n=120)	64.1	[52.4, 74.3]	35.9	[25.7, 47.6]	100.0
Pearson: Uncorrected chi2(3) =	42.1519				
Design-based F(2.97, 9142.61) =	7.4443	Pr =	0.000		

Notes: χ^2 test of independence. For number of places lived in past 3 years, respondents who answered "Don't know" were excluded from the analysis. Cramer's V= 0.12.

6.1.3 Follow-up group by having health insurance is important to me (2016), amount I pay for HMP is affordable (2016), and amount I have to pay for HMP seems fair (2016), among all respondents

	Mean	SE	95%CI	N
Having health insurance is important to me (2016)				
Still enrolled	4.4	0.02	[4.4, 4.5]	2,384
No longer enrolled	4.4	0.03	[4.3, 4.5]	708
Amount I pay for HMP is affordable (2016)				
Still enrolled	4.1	0.02	[4.1, 4.2]	2,385
No longer enrolled	4.1	0.04	[4.0, 4.2]	707
Amount I have to pay for HMP seems fair (2016)				
Still enrolled	4.1	0.02	[4.1, 4.2]	2,384
No longer enrolled	4.1	0.03	[4.0, 4.1]	707

Notes: Variables were measured on a 5 point Likert scale where 5 indicates "strongly agree" and 1 indicates "strongly disagree".

6.1.4 Predictors of follow-up group, among all respondents

	No longer enrolled			No longer enrolled		
	aOR	95% CI	p-value	aOR	95% CI	p-value
Change in employment (from 2016-2017)						
No employment gain		Reference			Reference	
Employment gain	1.24	[0.893, 1.722]	0.200			
Married or partnered (2017)						
No		Reference			Reference	
Yes	1.32	[1.046, 1.675]	0.019	1.34	[1.060, 1.700]	0.015
Number of places lived in past 3 years (2017)						
One		Reference			Reference	
Two	1.55	[1.185, 2.029]	0.001	1.57	[1.199, 2.050]	0.001
Three	1.86	[1.212, 2.852]	0.005	1.89	[1.234, 2.888]	0.003
Four or more	2.56	[1.531, 4.282]	0.000	2.61	[1.556, 4.363]	0.000
Chronic condition (2016 or 2017 survey and/or DW)						
No		Reference			Reference	
Yes	0.77	[0.583, 1.006]	0.055	0.77	[0.586, 1.015]	0.064
Urbanicity (DW)						
Urban		Reference			Reference	
Suburban	1.21	[0.859, 1.713]	0.272	1.23	[0.874, 1.738]	0.233
Rural	1.01	[0.760, 1.332]	0.965	1.01	[0.763, 1.335]	0.950
Age (DW)						
19-34		Reference			Reference	
35-50	0.88	[0.669, 1.147]	0.336	0.88	[0.669, 1.147]	0.336
51-64	0.96	[0.723, 1.264]	0.752	0.98	[0.739, 1.293]	0.873
Age (DW)						
Male		Reference			Reference	
Female	0.77	[0.621, 0.960]	0.020	0.77	[0.618, 0.956]	0.018
Race/ethnicity (DW)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	1.22	[0.916, 1.614]	0.177	1.23	[0.923, 1.630]	0.159
Hispanic	1.11	[0.677, 1.807]	0.687	1.09	[0.668, 1.777]	0.732
Other, non-Hispanic	0.85	[0.563, 1.292]	0.453	0.86	[0.565, 1.296]	0.462
FPL category (2017)						
0-35%		Reference			Reference	
36-99%	1.79	[1.372, 2.322]	0.000	1.68	[1.282, 2.206]	0.000
100%+	2.07	[1.568, 2.733]	0.000	1.94	[1.456, 2.578]	0.000
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	0.86	[0.681, 1.095]	0.227	0.86	[0.682, 1.097]	0.231
Bachelor's/post graduate degree	1.39	[1.000, 1.922]	0.050	1.39	[1.004, 1.923]	0.047
Employed/self-employed (2017)						
No					Reference	
Yes				1.15	[0.910, 1.463]	0.236
Constant	0.22	[0.148, 0.340]	0.000	0.22	[0.141, 0.330]	0.000
N	3,048			3,044		
F-value	5.258			5.208		
Model degrees of freedom	18.000			18.000		
Residual degrees of freedom	3,036.000			3,032.000		
F-value significance	0.000			0.000		

Notes: Multiple logistic regression. Change in employment was defined as respondents who reported not being employed/self-employed in 2016 and then reported being employed/self-employed in 2017. Survey items assessing employment and student status differed between 2016 and 2017 as follows. In 2016, a single item asked "What is your current job status. Are you currently...?", with respondents asked to select only one response option: employed/self-employed, out of work (≥ 1 year), out of work (< 1 year), homemaker, student, retired, or unable to work. In 2017, items were asked separately: a) "Are you currently in school?" (yes/no); b) "Are you currently employed or self-employed?" (yes/no). Chronic condition was defined as a diagnosis of asthma, arthritis, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke as indicated by self-report in 2016 or 2017 and/or data warehouse.

6.2 Reason for disenrollment (2017)

6.2.1 Reason for disenrollment (2017), among respondents no longer enrolled

	Percent	95%CI
Reason for disenrollment (2017)		
Income increase/other coverage (n=405)	53.7	[49.0, 58.3]
Dissatisfied with HMP cost or services (n=10)	1.1	[0.6, 2.1]
Administrative problems (n=51)	8.6	[6.2, 11.8]
Ineligible to continue (n=85)	13.8	[10.8, 17.4]
Did not take action to re-enroll (n=50)	7.7	[5.6, 10.4]
Reason not given (n=108)	15.2	[12.1, 19.0]
Total (n=709)	100.0	

6.2.2 Reason for disenrollment by types of insurance (2017), among respondents no longer enrolled

	Reason for disenrollment (2017)												Total Row%
	Income increase/other coverage		Dissatisfied with HMP cost or services		Administrative problems		Ineligible to continue HMP		Did not take action to re-enroll		Reason not given		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Insurance through a job or union (2017)													
Yes (n=137)	85.0	[76.6, 90.8]	0.0		1.8	[0.4, 8.3]	8.4	[4.4, 15.4]	3.0	[0.9, 9.4]	1.8	[0.6, 5.2]	100.0
No (n=371)	53.1	[46.9, 59.3]	1.4	[0.6, 3.1]	6.5	[4.1, 10.2]	11.6	[8.0, 16.6]	7.4	[4.8, 11.3]	20.0	[15.3, 25.6]	100.0
Pearson: Uncorrected chi2(5) =	314.0364												
Design-based F(4.59, 13249.48) =	8.0074		Pr =	0.000									
Insurance purchased by me or someone else (2017)													
Yes (n=46)	59.8	[39.5, 77.2]	1.5	[0.2, 10.2]	5.3	[1.3, 19.3]	22.9	[8.5, 48.6]	5.5	[0.8, 29.8]	5.0	[1.5, 15.1]	100.0
No (n=462)	63.6	[58.0, 68.8]	0.9	[0.4, 2.2]	4.9	[3.1, 7.9]	9.5	[6.9, 12.9]	6.1	[4.0, 9.1]	15.1	[11.4, 19.6]	100.0
Pearson: Uncorrected chi2(5) =	55.5575												
Design-based F(4.01, 11552.16) =	1.3474		Pr =	0.250									
Veterans Administration or VA care (2017)													
Yes (n=3)	100.0		0.0		0.0		0.0		0.0		0.0		100.0
No (n=505)	62.7	[57.4, 67.8]	1.0	[0.4, 2.2]	5.0	[3.2, 7.9]	10.7	[7.8, 14.7]	6.1	[4.0, 9.1]	14.4	[11.0, 18.6]	100.0
Pearson: Uncorrected chi2(5) =	23.4684												
Design-based F(4.28, 12333.09) =	0.5091		Pr =	0.741									
CHAMPUS or TRICARE (2017)													
Yes (n=1)	100.0		0.0		0.0		0.0		0.0		0.0		100.0
No (n=507)	63.2	[57.8, 68.2]	0.9	[0.4, 2.1]	5.0	[3.2, 7.8]	10.6	[7.7, 14.5]	6.0	[4.0, 9.0]	14.2	[10.9, 18.4]	100.0
Pearson: Uncorrected chi2(5) =	3.0200												
Design-based F(4.74, 13683.73) =	0.0862		Pr =	0.993									
Medicare (2017)													
Yes (n=104)	87.7	[79.5, 92.9]	1.9	[0.5, 7.3]	0.9	[0.1, 6.3]	4.2	[1.6, 10.7]	0.0		5.3	[2.3, 11.7]	100.0
No (n=404)	58.7	[52.6, 64.5]	0.8	[0.3, 2.1]	5.7	[3.6, 9.0]	11.8	[8.4, 16.3]	7.1	[4.7, 10.6]	15.9	[12.0, 20.8]	100.0
Pearson: Uncorrected chi2(5) =	158.4982												
Design-based F(4.72, 13617.13) =	5.9517		Pr =	0.000									
County health plan (2017)													
Yes (n=3)	61.8	[12.7, 94.7]	0.0		0.0		38.2	[5.3, 87.3]	0.0		0.0		100.0
No (n=505)	63.3	[57.9, 68.3]	1.0	[0.4, 2.2]	5.0	[3.2, 7.8]	10.4	[7.5, 14.2]	6.1	[4.0, 9.0]	14.3	[10.9, 18.5]	100.0
Pearson: Uncorrected chi2(5) =	22.5566												
Design-based F(4.84, 13961.50) =	0.6120		Pr =	0.685									
Medicaid (2017)													
Yes (n=237)	42.4	[35.2, 50.0]	1.5	[0.5, 4.0]	8.7	[5.2, 14.0]	9.5	[6.2, 14.4]	9.5	[6.1, 14.6]	28.4	[21.7, 36.1]	100.0
No (n=271)	80.0	[73.2, 85.4]	0.5	[0.1, 2.1]	2.0	[0.7, 5.4]	11.5	[7.3, 17.7]	3.2	[1.3, 7.6]	2.8	[1.5, 5.2]	100.0
Pearson: Uncorrected chi2(5) =	610.1565												
Design-based F(4.66, 13431.98) =	17.0469		Pr =	0.000									
Other (2017)													
Yes (n=17)	55.6	[29.1, 79.3]	0.0		0.0		36.5	[15.0, 65.1]	2.9	[0.4, 18.8]	5.0	[0.7, 28.8]	100.0
No (n=491)	63.5	[58.0, 68.6]	1.0	[0.4, 2.2]	5.1	[3.3, 8.0]	9.8	[6.9, 13.7]	6.1	[4.0, 9.2]	14.5	[11.0, 18.8]	100.0
Pearson: Uncorrected chi2(5) =	69.8624												
Design-based F(4.47, 12894.33) =	2.5612		Pr =	0.031									
Don't know (2017)													
Yes (n=3)	29.3	[3.3, 83.5]	0.0		17.5	[1.8, 70.7]	0.0		53.2	[9.1, 92.8]	0.0		100.0
No (n=505)	63.5	[58.1, 68.5]	1.0	[0.4, 2.2]	4.9	[3.1, 7.7]	10.7	[7.7, 14.6]	5.7	[3.7, 8.6]	14.3	[10.9, 18.5]	100.0
Pearson: Uncorrected chi2(5) =	85.0143												
Design-based F(4.39, 12664.29) =	2.6010		Pr =	0.029									
Total (n=709)	53.7	[49.0, 58.3]	1.1	[0.6, 2.1]	8.6	[6.2, 11.8]	13.8	[10.8, 17.4]	7.7	[5.6, 10.4]	15.2	[12.1, 19.0]	100.0

Notes: χ^2 test of independence. Insurance type: insurance through a job or union and reason for disenrollment, $\phi = 0.33$; Insurance type: Medicare and reason for disenrollment, $\phi = 0.23$; Insurance type: Medicaid and reason for disenrollment, $\phi = 0.46$; Insurance type: other and reason for disenrollment, $\phi = 0.16$; Insurance type: "don't know" and reason for disenrollment, $\phi = 0.17$.

6.2.3 Predictors of reason for disenrollment: income increase or other insurance coverage compared to dissatisfied with HMP cost or services, among respondents no longer enrolled

	Income increase or other insurance coverage (ref) compared to dissatisfied with HMP cost or services		
	RRR	95% CI	p-value
Change in employment (from 2016-2017)			
No employment gain		Reference	
Employment gain	0.00	[0.000, 0.000]	0.000
Number of places lived in past 3 years (2017)			
One		Reference	
Two	3.07	[0.727, 13.002]	0.127
Three	0.85	[0.077, 9.522]	0.898
Four or more	3.52	[0.346, 35.691]	0.287
Urbanicity (DW)			
Urban		Reference	
Suburban	1.25	[0.170, 9.145]	0.829
Rural	0.00	[0.000, 0.000]	0.000
Age (DW)			
19-34		Reference	
35-50	2.69	[0.640, 11.267]	0.177
51-64	0.39	[0.043, 3.605]	0.410
Gender (DW)			
Male		Reference	
Female	0.92	[0.230, 3.653]	0.901
Race/ethnicity (2016)			
White, non-Hispanic		Reference	
Black, non-Hispanic	0.29	[0.026, 3.155]	0.306
Hispanic	1.23	[0.158, 9.552]	0.843
Other, non-Hispanic	0.00	[0.000, 0.000]	0.000
FPL category (DW)			
0-35%		Reference	
36-99%	3.37	[0.321, 35.318]	0.311
100%+	3.17	[0.358, 28.039]	0.299
Highest level of education (2017)			
High school or less		Reference	
Associate's degree/some college	1.65	[0.275, 9.883]	0.584
Bachelor's/post graduate degree	3.67	[0.521, 25.915]	0.191
Constant	0.00	[0.000, 0.062]	0.000
N	698		
F-value	30.600		
Model degrees of freedom	80.000		
Residual degrees of freedom	686.000		
F-value significance	0.000		

Notes: Multinomial logistic regression. Change in employment was defined as respondents who reported not being employed/self-employed in 2016 and then reported being employed/self-employed in 2017. Survey items assessing employment and student status differed between 2016 and 2017 as follows. In 2016, a single item asked "What is your current job status. Are you currently...?", with respondents asked to select only one response option: employed/self-employed, out of work (≥ 1 year), out of work (< 1 year), homemaker, student, retired, or unable to work. In 2017, items were asked separately: a) "Are you currently in school?" (yes/no); b) "Are you currently employed or self-employed?" (yes/no). For number of places lived in past 3 years, respondents who answered "Don't know" were excluded from the analysis.

6.2.4 Predictors of reason for disenrollment: income increase or other insurance coverage compared to administrative problems, among respondents no longer enrolled

	Income increase or other insurance coverage (ref) compared to administrative problems		
	RRR	95% CI	p-value
Change in employment (from 2016-2017)			
No employment gain		Reference	
Employment gain	0.20	[0.051, 0.769]	0.019
Number of places lived in past 3 years (2017)			
One		Reference	
Two	1.51	[0.620, 3.668]	0.364
Three	1.07	[0.256, 4.475]	0.925
Four or more	1.03	[0.228, 4.658]	0.968
Urbanicity (DW)			
Urban		Reference	
Suburban	1.28	[0.374, 4.414]	0.690
Rural	1.23	[0.449, 3.393]	0.682
Age (DW)			
19-34		Reference	
35-50	0.87	[0.373, 2.042]	0.753
51-64	0.69	[0.271, 1.763]	0.439
Gender (DW)			
Male		Reference	
Female	0.59	[0.302, 1.162]	0.127
Race/ethnicity (2016)			
White, non-Hispanic		Reference	
Black, non-Hispanic	1.95	[0.782, 4.841]	0.152
Hispanic	0.45	[0.077, 2.667]	0.381
Other, non-Hispanic	0.35	[0.063, 1.986]	0.238
FPL category (DW)			
0-35%		Reference	
36-99%	1.19	[0.538, 2.623]	0.670
100%+	0.57	[0.215, 1.519]	0.261
Highest level of education (2017)			
High school or less		Reference	
Associate's degree/some college	0.58	[0.254, 1.348]	0.208
Bachelor's/post graduate degree	0.20	[0.058, 0.706]	0.012
Constant	0.32	[0.114, 0.906]	0.032
N	698		
F-value	30.600		
Model degrees of freedom	80.000		
Residual degrees of freedom	686.000		
F-value significance	0.000		

Notes: Multinomial logistic regression. Change in employment was defined as respondents who reported not being employed/self-employed in 2016 and then reported being employed/self-employed in 2017. Survey items assessing employment and student status differed between 2016 and 2017 as follows. In 2016, a single item asked "What is your current job status. Are you currently...?", with respondents asked to select only one response option: employed/self-employed, out of work (≥ 1 year), out of work (< 1 year), homemaker, student, retired, or unable to work. In 2017, items were asked separately: a) "Are you currently in school?" (yes/no); b) "Are you currently employed or self-employed?" (yes/no). For number of places lived in past 3 years, respondents who answered "Don't know" were excluded from the analysis.

6.2.5 Predictors of reason for disenrollment: income increase or other insurance coverage compared to ineligible to continue HMP, among respondents no longer enrolled

	Income increase or other insurance coverage (ref) compared to ineligible to continue HMP		
	RRR	95% CI	p-value
Change in employment (from 2016-2017)			
No employment gain		Reference	
Employment gain	2.21	[1.087, 4.507]	0.029
Number of places lived in past 3 years (2017)			
One		Reference	
Two	1.37	[0.674, 2.778]	0.384
Three	2.13	[0.866, 5.238]	0.099
Four or more	2.68	[0.857, 8.409]	0.090
Urbanicity (DW)			
Urban		Reference	
Suburban	1.21	[0.462, 3.172]	0.698
Rural	0.42	[0.174, 1.023]	0.056
Age (DW)			
19-34		Reference	
35-50	1.03	[0.517, 2.032]	0.943
51-64	0.71	[0.334, 1.521]	0.381
Gender (DW)			
Male		Reference	
Female	1.78	[0.942, 3.356]	0.076
Race/ethnicity (2016)			
White, non-Hispanic		Reference	
Black, non-Hispanic	1.82	[0.898, 3.677]	0.097
Hispanic	1.47	[0.459, 4.683]	0.518
Other, non-Hispanic	0.92	[0.251, 3.376]	0.900
FPL category (DW)			
0-35%		Reference	
36-99%	0.72	[0.326, 1.570]	0.403
100%+	0.75	[0.345, 1.636]	0.470
Highest level of education (2017)			
High school or less		Reference	
Associate's degree/some college	1.94	[0.987, 3.802]	0.055
Bachelor's/post graduate degree	1.44	[0.670, 3.091]	0.351
Constant	0.10	[0.038, 0.257]	0.000
N	698		
F-value	30.600		
Model degrees of freedom	80.000		
Residual degrees of freedom	686.000		
F-value significance	0.000		

Notes: Multinomial logistic regression. Change in employment was defined as respondents who reported not being employed/self-employed in 2016 and then reported being employed/self-employed in 2017. Survey items assessing employment and student status differed between 2016 and 2017 as follows. In 2016, a single item asked "What is your current job status. Are you currently...?", with respondents asked to select only one response option: employed/self-employed, out of work (≥ 1 year), out of work (< 1 year), homemaker, student, retired, or unable to work. In 2017, items were asked separately: a) "Are you currently in school?" (yes/no); b) "Are you currently employed or self-employed?" (yes/no). For number of places lived in past 3 years, respondents who answered "Don't know" were excluded from the analysis.

6.2.6 Predictors of reason for disenrollment: income increase or other insurance coverage compared to did not take action to re-enroll, among respondents no longer enrolled

	Income increase or other insurance coverage (ref) compared to did not take action to re-enroll		
	RRR	95% CI	p-value
Change in employment (from 2016-2017)			
No employment gain		Reference	
Employment gain	1.18	[0.413, 3.392]	0.753
Number of places lived in past 3 years (2017)			
One		Reference	
Two	0.92	[0.376, 2.242]	0.850
Three	0.36	[0.053, 2.415]	0.292
Four or more	0.89	[0.207, 3.860]	0.880
Urbanicity (DW)			
Urban		Reference	
Suburban	6.03	[2.283, 15.921]	0.000
Rural	4.15	[1.674, 10.287]	0.002
Age (DW)			
19-34		Reference	
35-50	0.66	[0.267, 1.632]	0.368
51-64	0.67	[0.273, 1.660]	0.390
Gender (DW)			
Male		Reference	
Female	0.95	[0.454, 2.002]	0.898
Race/ethnicity (2016)			
White, non-Hispanic		Reference	
Black, non-Hispanic	4.02	[1.718, 9.401]	0.001
Hispanic	1.74	[0.314, 9.578]	0.527
Other, non-Hispanic	0.55	[0.109, 2.776]	0.468
FPL category (DW)			
0-35%		Reference	
36-99%	1.13	[0.513, 2.477]	0.766
100%+	0.38	[0.134, 1.065]	0.066
Highest level of education (2017)			
High school or less		Reference	
Associate's degree/some college	0.82	[0.354, 1.922]	0.655
Bachelor's/post graduate degree	0.36	[0.108, 1.181]	0.091
Constant	0.11	[0.033, 0.390]	0.001
N	698		
F-value	30.600		
Model degrees of freedom	80.000		
Residual degrees of freedom	686.000		
F-value significance	0.000		

Notes: Multinomial logistic regression. Change in employment was defined as respondents who reported not being employed/self-employed in 2016 and then reported being employed/self-employed in 2017. Survey items assessing employment and student status differed between 2016 and 2017 as follows. In 2016, a single item asked "What is your current job status. Are you currently...?", with respondents asked to select only one response option: employed/self-employed, out of work (≥ 1 year), out of work (< 1 year), homemaker, student, retired, or unable to work. In 2017, items were asked separately: a) "Are you currently in school?" (yes/no); b) "Are you currently employed or self-employed?" (yes/no). For number of places lived in past 3 years, respondents who answered "Don't know" were excluded from the analysis.

6.2.7 Predictors of reason for disenrollment: income increase or other insurance coverage compared to reason not given, among respondents no longer enrolled

	Income increase or other insurance coverage (ref) compared to reason not given		
	RRR	95% CI	p-value
Change in employment (from 2016-2017)			
No employment gain		Reference	
Employment gain	0.64	[0.245, 1.675]	0.363
Number of places lived in past 3 years (2017)			
One		Reference	
Two	1.41	[0.715, 2.764]	0.322
Three	1.15	[0.423, 3.147]	0.779
Four or more	0.86	[0.201, 3.640]	0.832
Urbanicity (DW)			
Urban		Reference	
Suburban	1.47	[0.620, 3.462]	0.383
Rural	0.93	[0.456, 1.885]	0.834
Age (DW)			
19-34		Reference	
35-50	0.66	[0.337, 1.282]	0.218
51-64	0.38	[0.191, 0.759]	0.006
Gender (DW)			
Male		Reference	
Female	1.38	[0.774, 2.455]	0.275
Race/ethnicity (2016)			
White, non-Hispanic		Reference	
Black, non-Hispanic	2.25	[1.138, 4.449]	0.020
Hispanic	2.15	[0.631, 7.339]	0.220
Other, non-Hispanic	2.13	[0.882, 5.153]	0.093
FPL category (DW)			
0-35%		Reference	
36-99%	0.75	[0.395, 1.441]	0.393
100%+	0.54	[0.262, 1.119]	0.098
Highest level of education (2017)			
High school or less		Reference	
Associate's degree/some college	0.49	[0.261, 0.913]	0.025
Bachelor's/post graduate degree	0.23	[0.092, 0.590]	0.002
Constant	0.44	[0.179, 1.073]	0.071
N	698		
F-value	30.600		
Model degrees of freedom	80.000		
Residual degrees of freedom	686.000		
F-value significance	0.000		

Notes: Multinomial logistic regression. Change in employment was defined as follow-up respondents who reported not being employed/self-employed in 2016 and then reported being employed/self-employed in 2017. Survey items assessing employment and student status differed between 2016 and 2017 as follows. In 2016, a single item asked "What is your current job status. Are you currently...?", with respondents asked to select only one response option: employed/self-employed, out of work (≥ 1 year), out of work (< 1 year), homemaker, student, retired, or unable to work. In 2017, items were asked separately: a) "Are you currently in school?" (yes/no); b) "Are you currently employed or self-employed?" (yes/no). For number of places lived in past 3 years, respondents who answered "Don't know" were excluded from the analysis.

6.3 Insurance status (2017)

6.3.1 Insurance status (2017) by change in employment (from 2016-2017), among respondents no longer enrolled

	Insurance status (2017)				Total Row%
	Insured Row%	95%CI	Uninsured Row%	95%CI	
Change in employment (from 2016-2017)					
No employment gain (n=605)	70.5	[65.6, 74.9]	29.5	[25.1, 34.4]	100.0
Employment gain (n=96)	64.8	[51.9, 75.9]	35.2	[24.1, 48.1]	100.0
Pearson: Uncorrected chi2(1) =	6.5595				
Design-based F(1.00, 3077.00) =	0.7700	Pr =	0.380		
Total (n=701)	69.5	[65.0, 73.7]	30.5	[26.3, 35.0]	100.0

Notes: χ^2 test of independence. Change in employment was defined as respondents who reported not being employed/self-employed in 2016 and then reported being employed/self-employed in 2017. Survey items assessing employment and student status differed between 2016 and 2017 as follows. In 2016, a single item asked "What is your current job status. Are you currently...?", with respondents asked to select only one response option: employed/self-employed, out of work (≥ 1 year), out of work (< 1 year), homemaker, student, retired, or unable to work. In 2017, items were asked separately: a) "Are you currently in school?" (yes/no); b) "Are you currently employed or self-employed?" (yes/no).

6.3.2 Insurance status (2017) by job change in last 12 months (2017), among respondents no longer enrolled

	Insurance status (2017)				Total Row%
	Insured Row%	95%CI	Uninsured Row%	95%CI	
Job change in last 12 months (2017)					
Yes (n=117)	66.5	[55.7, 75.8]	33.5	[24.2, 44.3]	100.0
No (n=301)	63.5	[56.2, 70.3]	36.5	[29.7, 43.8]	100.0
Pearson: Uncorrected chi2(1) =	2.2566				
Design-based F(1.00, 2794.00) =	0.2237	Pr =	0.636		
Total (n=701)	69.5	[65.0, 73.7]	30.5	[26.3, 35.0]	100.0

Notes: χ^2 test of independence.

6.3.3 Predictors of insurance status (2017), among respondents no longer enrolled

	Uninsured (2017)		
	aOR	95% CI	p-value
Change in employment (from 2016-2017)			
No employment gain		Reference	
Employment gain	1.00	[0.499, 2.010]	0.996
Fair/poor health (2017)			
No		Reference	
Yes	0.70	[0.359, 1.373]	0.301
Age (DW)			
19-34		Reference	
35-50	0.97	[0.584, 1.624]	0.920
51-64	0.61	[0.329, 1.149]	0.127
Gender (DW)			
Male		Reference	
Female	0.62	[0.396, 0.964]	0.034
Race/ethnicity (2016)			
White, non-Hispanic		Reference	
Black, non-Hispanic	0.77	[0.452, 1.321]	0.346
Hispanic	1.26	[0.545, 2.932]	0.584
Other, non-Hispanic	0.65	[0.281, 1.503]	0.313
FPL category (DW)			
0-35%		Reference	
36-99%	0.78	[0.461, 1.331]	0.366
100%+	0.86	[0.477, 1.548]	0.613
Highest level of education (2017)			
High school or less		Reference	
Associate's degree/some college	1.16	[0.732, 1.855]	0.520
Bachelor's/post graduate degree	0.41	[0.187, 0.907]	0.028
Number of chronic conditions (DW)	0.88	[0.745, 1.039]	0.132
Major functional limitation (2017)			
None		Reference	
Functional limitation	0.83	[0.386, 1.797]	0.640
Constant	1.19	[0.591, 2.378]	0.631
N	684		
F-value	1.526		
Model degrees of freedom	14.000		
Residual degrees of freedom	672.000		
F-value significance	0.096		

Notes: Multiple logistic regression. Change in employment was defined as respondents who reported not being employed/self-employed in 2016 and then reported being employed/self-employed in 2017. Survey items assessing employment and student status differed between 2016 and 2017 as follows. In 2016, a single item asked "What is your current job status. Are you currently...?", with respondents asked to select only one response option: employed/self-employed, out of work (≥ 1 year), out of work (< 1 year), homemaker, student, retired, or unable to work. In 2017, items were asked separately: a) "Are you currently in school?" (yes/no); b) "Are you currently employed or self-employed?" (yes/no). Major functional limitation was defined as missing 14-30 days of the past 30 days due to poor physical and/or mental health.

6.4 Insurance status prior to HMP, detailed (2016)

6.4.1 Insurance status prior to HMP, detailed (2016), among all respondents

	Percent	95%CI
Insurance status prior to HMP, detailed (2016)		
Uninsured (n=1,792)	57.3	[55.1, 59.6]
Medicaid (n=599)	19.3	[17.6, 21.1]
Private, job (n=304)	10.4	[9.0, 11.8]
Private, self or other, healthcare.gov (n=50)	1.5	[1.1, 2.1]
Medicare, VA, or CHAMPUS (n=19)	0.7	[0.4, 1.2]
Other, unspecified, or unknown (n=333)	10.8	[9.4, 12.4]
Total (n=3,097)	100.0	

6.5 Insurance status, detailed (2017)

6.5.1 Insurance status, detailed (2017), among respondents no longer enrolled

	Percent	95%CI
Insurance status, detailed (2017)		
Uninsured (n=193)	29.9	[25.8, 34.4]
Medicaid (n=202)	26.6	[23.0, 30.7]
Private, job (n=136)	21.5	[17.6, 25.9]
Private, self or other, healthcare.gov (n=32)	4.0	[2.5, 6.3]
Medicare, VA, or CHAMPUS (n=103)	11.4	[9.0, 14.4]
Other, unspecified, or unknown (n=43)	6.5	[4.6, 9.2]
Total (n=709)	100.0	

6.5.2 Predictors of insurance status, detailed (2017), among respondents no longer enrolled

	Uninsured (2017)			Medicaid (2017)			Private, job (2017)			Private, self or other, healthcare.gov (2017)		
	aOR	95% CI	p-value	aOR	95% CI	p-value	aOR	95% CI	p-value	aOR	95% CI	p-value
Employed/self-employed (2017)												
No		Reference			Reference			Reference			Reference	
Yes	1.73	[0.995, 3.006]	0.052	0.25	[0.154, 0.400]	0.000	13.07	[4.892, 34.903]	0.000	5.48	[1.749, 17.167]	0.004
Number of places lived in past 3 years (2017)												
One		Reference			Reference			Reference			Reference	
Two	0.89	[0.512, 1.541]	0.673	1.16	[0.669, 2.022]	0.593	1.06	[0.569, 1.958]	0.863	1.38	[0.500, 3.825]	0.532
Three	0.76	[0.328, 1.779]	0.532	1.17	[0.580, 2.354]	0.664	1.00	[0.445, 2.241]	0.996	1.22	[0.217, 6.862]	0.820
Four or more	0.71	[0.280, 1.812]	0.476	1.31	[0.446, 3.819]	0.626	0.62	[0.203, 1.917]	0.410	5.76	[1.119, 29.659]	0.036
Urbanicity (DW)												
Urban		Reference			Reference			Reference			Reference	
Suburban	0.80	[0.411, 1.552]	0.506	1.27	[0.653, 2.453]	0.485	0.62	[0.259, 1.472]	0.276	2.11	[0.596, 7.438]	0.247
Rural	0.61	[0.360, 1.034]	0.066	1.51	[0.873, 2.614]	0.140	0.98	[0.507, 1.880]	0.942	1.71	[0.638, 4.594]	0.285
Age (DW)												
19-34		Reference			Reference			Reference			Reference	
35-50	1.00	[0.596, 1.664]	0.987	0.88	[0.524, 1.487]	0.638	1.23	[0.676, 2.247]	0.495	1.02	[0.320, 3.228]	0.977
51-64	0.60	[0.322, 1.119]	0.108	0.51	[0.287, 0.902]	0.021	0.73	[0.358, 1.485]	0.383	2.86	[0.982, 8.317]	0.054
Age (DW)												
Male		Reference			Reference			Reference			Reference	
Female	0.62	[0.398, 0.969]	0.036	2.89	[1.827, 4.562]	0.000	0.87	[0.517, 1.462]	0.597	1.01	[0.360, 2.842]	0.984
Race/ethnicity (DW)												
White, non-Hispanic		Reference			Reference			Reference			Reference	
Black, non-Hispanic	0.67	[0.376, 1.182]	0.165	1.41	[0.810, 2.455]	0.224	1.12	[0.593, 2.105]	0.731	0.37	[0.065, 2.138]	0.267
Hispanic	1.06	[0.445, 2.533]	0.893	0.81	[0.262, 2.493]	0.711	0.78	[0.202, 2.980]	0.711	0.38	[0.054, 2.668]	0.330
Other, non-Hispanic	0.66	[0.290, 1.513]	0.328	1.35	[0.645, 2.836]	0.424	1.35	[0.557, 3.272]	0.507	1.47	[0.323, 6.726]	0.616
FPL category (2017)												
0-35%		Reference			Reference			Reference			Reference	
36-99%	0.78	[0.453, 1.347]	0.373	0.95	[0.568, 1.593]	0.849	0.85	[0.428, 1.692]	0.646	0.32	[0.115, 0.913]	0.033
100%+	0.90	[0.492, 1.632]	0.719	0.69	[0.372, 1.263]	0.225	0.78	[0.395, 1.533]	0.468	0.93	[0.295, 2.951]	0.906
Highest level of education (2017)												
High school or less		Reference			Reference			Reference			Reference	
Associate's degree/some college	1.05	[0.655, 1.678]	0.845	0.60	[0.363, 0.992]	0.047	1.51	[0.821, 2.778]	0.184	2.08	[0.807, 5.356]	0.129
Bachelor's/post graduate degree	0.39	[0.181, 0.848]	0.017	0.46	[0.233, 0.906]	0.025	3.51	[1.802, 6.823]	0.000	1.33	[0.307, 5.716]	0.705
Married or partnered (2017)												
No		Reference			Reference			Reference			Reference	
Yes	0.71	[0.444, 1.123]	0.142	1.36	[0.819, 2.266]	0.234	0.89	[0.497, 1.583]	0.686	1.92	[0.671, 5.481]	0.224
Fair/poor health (2017)												
No		Reference			Reference			Reference			Reference	
Yes	0.59	[0.328, 1.079]	0.087	1.37	[0.809, 2.336]	0.239	0.73	[0.346, 1.540]	0.408	0.79	[0.246, 2.510]	0.684
Constant	0.89	[0.402, 1.970]	0.773	0.52	[0.244, 1.107]	0.090	0.03	[0.010, 0.099]	0.000	0.01	[0.001, 0.024]	0.000
N	697			697			697			697		
F-value	1.688			4.685			3.142			4.348		
Model degrees of freedom	18.000			18.000			18.000			18.000		
Residual degrees of freedom	685.000			685.000			685.000			685.000		
F-value significance	0.037			0.000			0.000			0.000		

B24

Notes: Multiple logistic regression. For number of places lived in past 3 years, respondents who answered "Don't know" were excluded from the analysis.

6.5.3 Predictors of insurance status, detailed (2017), among respondents no longer enrolled (continued)

	Medicare, VA, or CHAMPUS (2017)			Other, unspecified, or unknown (2017)		
	aOR	95% CI	p-value	aOR	95% CI	p-value
Employed/self-employed (2017)						
No		Reference			Reference	
Yes	0.24	[0.121, 0.482]	0.000	0.61	[0.300, 1.254]	0.180
Number of places lived in past 3 years (2017)						
One		Reference			Reference	
Two	0.82	[0.339, 1.986]	0.660	1.01	[0.401, 2.523]	0.990
Three	0.67	[0.136, 3.350]	0.630	1.88	[0.569, 6.222]	0.299
Four or more	0.11	[0.013, 0.917]	0.041	2.45	[0.489, 12.289]	0.275
Urbanicity (DW)						
Urban		Reference			Reference	
Suburban	0.95	[0.413, 2.191]	0.907	1.56	[0.571, 4.248]	0.386
Rural	1.13	[0.553, 2.290]	0.745	1.03	[0.266, 3.982]	0.966
Age (DW)						
19-34		Reference			Reference	
35-50	2.35	[0.551, 10.055]	0.248	0.65	[0.262, 1.625]	0.358
51-64	9.94	[2.513, 39.299]	0.001	1.04	[0.411, 2.652]	0.928
Age (DW)						
Male		Reference			Reference	
Female	0.49	[0.272, 0.874]	0.016	0.92	[0.431, 1.964]	0.829
Race/ethnicity (DW)						
White, non-Hispanic		Reference			Reference	
Black, non-Hispanic	1.12	[0.474, 2.659]	0.793	1.62	[0.661, 3.992]	0.289
Hispanic	1.78	[0.583, 5.407]	0.312	2.10	[0.632, 6.951]	0.226
Other, non-Hispanic	0.60	[0.165, 2.154]	0.430	0.31	[0.066, 1.403]	0.127
FPL category (2017)						
0-35%		Reference			Reference	
36-99%	2.11	[0.926, 4.828]	0.075	3.35	[1.542, 7.268]	0.002
100%+	3.31	[1.542, 7.095]	0.002	1.82	[0.675, 4.895]	0.237
Highest level of education (2017)						
High school or less		Reference			Reference	
Associate's degree/some college	1.02	[0.458, 2.282]	0.957	0.72	[0.299, 1.749]	0.472
Bachelor's/post graduate degree	1.23	[0.478, 3.147]	0.671	2.09	[0.921, 4.757]	0.078
Married or partnered (2017)						
No		Reference			Reference	
Yes	0.48	[0.249, 0.920]	0.027	1.98	[0.765, 5.102]	0.159
Fair/poor health (2017)						
No		Reference			Reference	
Yes	1.68	[0.908, 3.101]	0.098	1.45	[0.666, 3.150]	0.349
Constant	0.06	[0.008, 0.366]	0.003	0.03	[0.009, 0.084]	0.000
N	697			697		
F-value	4.970			2.418		
Model degrees of freedom	18.000			18.000		
Residual degrees of freedom	685.000			685.000		
F-value significance	0.000			0.001		

Notes: Multiple logistic regression. For number of places lived in past 3 years, respondents who answered "Don't know" were excluded from the analysis.

6.5.4 Insurance status, detailed (2017) by insurance status prior to HMP, detailed (2016), among all respondents

	HMP		Uninsured		Medicaid		Current insurance status, detailed (2017)				Government		Other		Total	
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Private, job		Private, self		Row%	95%CI	Row%	95%CI	Row%	
Insurance status prior to HMP, detailed (2016)																
Uninsured (n=1,792)	79.1	[76.6, 81.4]	6.9	[5.6, 8.5]	5.9	[4.8, 7.3]	3.6	[2.6, 5.1]	0.8	[0.5, 1.5]	2.5	[1.7, 3.6]	1.1	[0.6, 2.0]	100.0	
Medicaid (n=599)	74.7	[69.8, 79.1]	7.7	[5.2, 11.3]	7.4	[5.4, 10.2]	5.5	[3.2, 9.3]	1.3	[0.3, 4.5]	2.0	[1.1, 3.5]	1.4	[0.7, 3.0]	100.0	
Private, job (n=304)	67.6	[60.8, 73.8]	7.8	[4.5, 13.2]	4.4	[2.6, 7.2]	11.7	[7.7, 17.4]	1.0	[0.4, 2.6]	4.8	[2.9, 7.6]	2.7	[1.3, 5.3]	100.0	
Private, self (n=50)	72.5	[56.1, 84.5]	1.5	[0.2, 10.3]	4.8	[1.4, 14.9]	7.2	[2.6, 18.7]	3.2	[0.8, 12.4]	2.7	[0.7, 9.3]	8.0	[1.9, 28.1]	100.0	
Government (n=19)	84.2	[54.4, 96.0]	0.0		3.9	[0.8, 17.3]	1.5	[0.2, 10.2]	0.0		10.4	[1.5, 47.5]	0.0		100.0	
Other (n=333)	77.1	[70.8, 82.4]	6.1	[3.2, 11.2]	7.4	[4.5, 11.9]	4.7	[2.7, 8.1]	0.5	[0.1, 1.8]	2.2	[1.1, 4.4]	2.0	[0.9, 4.5]	100.0	
Total (n=3,097)	76.8	[74.9, 78.6]	6.9	[5.9, 8.2]	6.2	[5.3, 7.2]	5.0	[4.0, 6.2]	0.9	[0.6, 1.5]	2.7	[2.1, 3.4]	1.5	[1.1, 2.2]	100.0	

Note: This table shows row percents. "Private, self" includes healthcare.gov enrollees. Government includes Medicaid, VA, and CHAMPUS.

	HMP		Uninsured		Medicaid		Current insurance status, detailed (2017)				Government		Other		Total	
	Cell%	95%CI	Cell%	95%CI	Cell%	95%CI	Private, job		Private, self		Cell%	95%CI	Cell%	95%CI	Cell%	95%CI
Insurance status prior to HMP, detailed (2016)																
Uninsured (n=1,792)	45.4	[43.1, 47.6]	4.0	[3.2, 4.9]	3.4	[2.7, 4.2]	2.1	[1.5, 2.9]	0.5	[0.3, 0.8]	1.4	[1.0, 2.1]	0.6	[0.3, 1.2]	57.3	[55.1, 59.6]
Medicaid (n=599)	14.4	[12.9, 16.0]	1.5	[1.0, 2.2]	1.4	[1.0, 2.0]	1.1	[0.6, 1.8]	0.2	[0.1, 0.9]	0.4	[0.2, 0.7]	0.3	[0.1, 0.6]	19.3	[17.6, 21.1]
Private, job (n=304)	7.0	[5.9, 8.3]	0.8	[0.5, 1.4]	0.5	[0.3, 0.8]	1.2	[0.8, 1.9]	0.1	[0.0, 0.3]	0.5	[0.3, 0.8]	0.3	[0.1, 0.6]	10.4	[9.0, 11.8]
Private, self (n=50)	1.1	[0.7, 1.7]	0.0	[0.0, 0.2]	0.1	[0.0, 0.2]	0.1	[0.0, 0.3]	0.0	[0.0, 0.2]	0.0	[0.0, 0.1]	0.1	[0.0, 0.5]	1.5	[1.1, 2.1]
Government (n=19)	0.6	[0.3, 1.1]	0.0		0.0	[0.0, 0.1]	0.0	[0.0, 0.1]	0.0		0.1	[0.0, 0.5]	0.0		0.7	[0.4, 1.2]
Other (n=333)	8.3	[7.1, 9.7]	0.7	[0.3, 1.3]	0.8	[0.5, 1.3]	0.5	[0.3, 0.9]	0.1	[0.0, 0.2]	0.2	[0.1, 0.5]	0.2	[0.1, 0.5]	10.8	[9.4, 12.4]
Total (n=3,097)	76.8	[74.9, 78.6]	6.9	[5.9, 8.2]	6.2	[5.3, 7.2]	5.0	[4.0, 6.2]	0.9	[0.6, 1.5]	2.7	[2.1, 3.4]	1.5	[1.1, 2.2]	100.0	

Note: This table presents the same data as above using cell percents. "Private, self" includes healthcare.gov enrollees. Government includes Medicaid, VA, and CHAMPUS.

6.5.5 Insurance status, detailed (2017) by regular source of care since HMP coverage ended (2017), among respondents no longer enrolled

Insurance status, detailed (2017)	Regular source of care since HMP coverage ended (2017)					
	Yes		No		Total	
	Col%	95%CI	Col%	95%CI	Col%	95%CI
Uninsured (n=168)	21.2	[17.3, 25.7]	59.6	[47.1, 71.0]	27.7	[23.5, 32.4]
Medicaid (n=200)	31.6	[27.2, 36.4]	13.7	[7.0, 25.1]	28.6	[24.6, 32.9]
Private, job (n=125)	22.3	[17.8, 27.6]	17.4	[10.2, 28.3]	21.5	[17.4, 26.2]
Private, self or other, healthcare.gov (n=31)	4.6	[2.8, 7.5]	2.1	[0.6, 6.8]	4.2	[2.6, 6.7]
Medicare, VA, or CHAMPUS (n=101)	14.0	[10.9, 17.8]	3.7	[1.4, 9.4]	12.3	[9.6, 15.5]
Other, unspecified, or unknown (n=36)	6.3	[4.1, 9.4]	3.4	[1.2, 9.6]	5.8	[3.9, 8.5]
Pearson: Uncorrected chi2(5) =	330.8765					
Design-based F(4.67, 14190.63) =	10.5654	Pr =	0.000			

Notes: χ^2 test of independence. For regular source of care since HMP coverage ended, respondents who answered "N/A" were excluded from the analysis. Cramer's V= 0.33.

6.5.6 Insurance status, detailed (2017) by type of regular source of care since HMP coverage ended (2017), among respondents no longer enrolled

Insurance status, detailed (2017)	Type of regular source of care since HMP coverage ended (2017)													
	Clinic		Doctor's office		Urgent care		Walk-in clinic		Emergency room		Other		Total	
	Col%	95%CI	Col%	95%CI	Col%	95%CI	Col%	95%CI	Col%	95%CI	Col%	95%CI	Col%	95%CI
Uninsured (n=115)	23.0	[14.3, 34.7]	13.7	[10.0, 18.5]	22.6	[9.7, 44.2]	72.0	[52.0, 85.9]	57.3	[37.2, 75.3]	36.8	[11.3, 72.7]	21.4	[17.5, 25.9]
Medicaid (n=188)	30.3	[20.9, 41.8]	33.9	[28.4, 39.8]	40.4	[16.5, 69.9]	15.2	[6.6, 31.4]	25.7	[12.1, 46.5]	9.6	[2.1, 34.0]	31.5	[27.2, 36.3]
Private, job (n=106)	28.5	[17.1, 43.7]	23.8	[18.5, 30.1]	8.7	[2.5, 26.3]	0.0		8.0	[2.0, 27.3]	19.3	[5.5, 49.8]	22.3	[17.8, 27.5]
Private, self or other, healthcare.gov (n=28)	3.8	[1.4, 9.7]	6.0	[3.4, 10.5]	0.0		0.0		0.0		0.0		4.6	[2.7, 7.5]
Medicare, VA, or CHAMPUS (n=96)	8.6	[4.5, 15.7]	16.8	[12.6, 22.0]	3.1	[0.4, 20.0]	9.0	[2.5, 27.7]	5.2	[0.7, 29.1]	34.3	[10.7, 69.4]	14.0	[10.9, 17.8]
Other, unspecified, or unknown (n=32)	5.8	[2.2, 14.1]	5.9	[3.7, 9.2]	25.1	[5.8, 64.6]	3.8	[0.9, 15.1]	3.8	[0.5, 22.6]	0.0		6.3	[4.1, 9.4]
Pearson: Uncorrected chi2(25) =	567.2915													
Design-based F(19.74, 58053.36) =	3.0653	Pr =	0.000											

Notes: χ^2 test of independence. Cramer's V= 0.20.

6.6 Private insurance (2017)

6.6.1 Private insurance (2017) by change in employment (from 2016-2017), among respondents no longer enrolled

	Private insurance (2017)				Total Row%
	Do not have it Row%	95%CI	Currently have it Row%	95%CI	
Change in employment (from 2016-2017)					
No employment gain (n=447)	65.3	[59.5, 70.7]	34.7	[29.3, 40.5]	100.0
Employment gain (n=61)	30.6	[18.3, 46.3]	69.4	[53.7, 81.7]	100.0
Pearson: Uncorrected chi2(1) =	194.1535				
Design-based F(1.00, 2884.00) =	17.5922	Pr =	0.000		
Total (n=508)	59.8	[54.2, 65.3]	40.2	[34.7, 45.8]	100.0

Notes: χ^2 test of independence. $\phi = 0.62$. Change in employment was defined as respondents who reported not being employed/self-employed in 2016 and then reported being employed/self-employed in 2017. Survey items assessing employment and student status differed between 2016 and 2017 as follows. In 2016, a single item asked "What is your current job status. Are you currently...?", with respondents asked to select only one response option: employed/self-employed, out of work (≥ 1 year), out of work (< 1 year), homemaker, student, retired, or unable to work. In 2017, items were asked separately: a) "Are you currently in school?" (yes/no); b) "Are you currently employed or self-employed?" (yes/no).

6.6.2 Private insurance (2017) by job change in last 12 months (2017), among respondents no longer enrolled

	Private insurance (2017)				Total Row%
	Do not have it Row%	95%CI	Currently have it Row%	95%CI	
Job change in last 12 months (2017)					
Yes (n=81)	34.3	[23.3, 47.2]	65.7	[52.8, 76.7]	100.0
No (n=194)	37.5	[29.4, 46.5]	62.5	[53.5, 70.6]	100.0
Pearson: Uncorrected chi2(1) =	2.5501				
Design-based F(1.00, 2651.00) =	0.1824	Pr =	0.669		
Total (n=508)	59.8	[54.2, 65.3]	40.2	[34.7, 45.8]	100.0

Notes: χ^2 test of independence.

6.6.3 Predictors of private insurance (2017), among respondents no longer enrolled

	Private insurance (2017)		
	aOR	95% CI	p-value
Change in employment (from 2016-2017)			
No employment gain		Reference	
Employment gain	2.74	[1.342, 5.585]	0.006
Fair/poor health (2017)			
No		Reference	
Yes	0.68	[0.314, 1.480]	0.332
Age (DW)			
19-34		Reference	
35-50	1.05	[0.573, 1.908]	0.884
51-64	0.52	[0.261, 1.017]	0.056
Gender (DW)			
Male		Reference	
Female	0.62	[0.368, 1.032]	0.066
Race/ethnicity (2016)			
White, non-Hispanic		Reference	
Black, non-Hispanic	0.75	[0.410, 1.361]	0.340
Hispanic	2.08	[0.650, 6.689]	0.216
Other, non-Hispanic	1.10	[0.447, 2.704]	0.836
FPL category (DW)			
0-35%		Reference	
36-99%	0.92	[0.481, 1.773]	0.810
100%+	0.89	[0.461, 1.714]	0.724
Highest level of education (2017)			
High school or less		Reference	
Associate's degree/some college	2.94	[1.671, 5.191]	0.000
Bachelor's/post graduate degree	3.94	[2.055, 7.572]	0.000
Number of chronic conditions (DW)	0.92	[0.767, 1.105]	0.373
Major functional limitation (2017)			
None		Reference	
Functional limitation	0.34	[0.149, 0.771]	0.010
Constant	0.80	[0.357, 1.787]	0.583
N	493		
F-value	5.737		
Model degrees of freedom	14.000		
Residual degrees of freedom	481.000		
F-value significance	0.000		

Notes: Multiple logistic regression. Change in employment was defined as respondents who reported not being employed/self-employed in 2016 and then reported being employed/self-employed in 2017. Survey items assessing employment and student status differed between 2016 and 2017 as follows. In 2016, a single item asked "What is your current job status. Are you currently...?", with respondents asked to select only one response option: employed/self-employed, out of work (≥ 1 year), out of work (< 1 year), homemaker, student, retired, or unable to work. In 2017, items were asked separately: a) "Are you currently in school?" (yes/no); b) "Are you currently employed or self-employed?" (yes/no). Major functional limitation was defined as missing 14-30 days of the past 30 days due to poor physical and/or mental health.

6.7 Perspectives on cost of insurance since HMP coverage ended (2017)

6.7.1 Current monthly insurance cost compared to HMP (2017) by type of insurance (2017), among respondents no longer enrolled

Type of insurance (2017)	Current monthly insurance cost compared to HMP (2017)								Total Row%
	About the same		Less		A little more		A lot more		
	Row%	95%CI	Row%	95%CI	Row%	95%CI	Row%	95%CI	
Medicaid (n=192)	79.4	[71.4, 85.6]	8.9	[5.5, 14.3]	6.5	[3.0, 13.4]	5.2	[2.2, 11.7]	100.0
Private, job (n=131)	12.0	[7.0, 19.7]	1.3	[0.3, 5.1]	33.0	[23.9, 43.6]	53.7	[42.6, 64.5]	100.0
Private, self or other, healthcare.gov (n=32)	12.5	[4.5, 30.4]	5.1	[1.1, 20.5]	11.5	[3.6, 30.8]	70.9	[49.7, 85.7]	100.0
Medicare, VA, or CHAMPUS (n=98)	28.4	[19.5, 39.5]	17.7	[9.1, 31.5]	13.1	[6.9, 23.6]	40.8	[28.7, 54.1]	100.0
Other, unspecified, or unknown (n=39)	34.1	[17.6, 55.5]	11.3	[4.1, 27.7]	11.6	[4.6, 26.5]	43.0	[26.3, 61.5]	100.0
Pearson: Uncorrected chi2(12) =	1410.9438								
Design-based F(11.33, 32489.31) =	14.7794	Pr =	0.000						

Notes: χ^2 test of independence. For current monthly insurance cost compared to HMP, respondents who answered "Don't know" were excluded from the analysis. Cramer's V= 0.40.

6.7.2 Amount I pay now for my health insurance seems fair (2017) by type of insurance (2017), among respondents no longer enrolled

	Amount I pay now for my health insurance seems fair (2017)			N
	Mean	SE	95%CI	
Type of insurance (2017)				
Medicaid	3.9	0.06	[3.8, 4.1]	200
Private, job	3.2	0.14	[2.9, 3.5]	135
Private, self or other, healthcare.gov	2.6	0.24	[2.2, 3.1]	32
Medicare, VA, or CHAMPUS	3.4	0.14	[3.1, 3.7]	103
Other, unspecified, or unknown	3.5	0.20	[3.1, 3.9]	34

Notes: Measured on a 5 point Likert scale where 5 indicates "strongly agree" and 1 indicates "strongly disagree".

6.7.3 Amount I pay now for my health insurance is affordable (2017) by type of insurance (2017), among respondents no longer enrolled

	Amount I pay now for my health insurance is affordable (2017)			N
	Mean	SE	95%CI	
Type of insurance (2017)				
Medicaid	4.0	0.06	[3.9, 4.1]	201
Private, job	3.4	0.11	[3.1, 3.6]	135
Private, self or other, healthcare.gov	2.9	0.21	[2.5, 3.3]	32
Medicare, VA, or CHAMPUS	3.5	0.13	[3.2, 3.7]	103
Other, unspecified, or unknown	3.6	0.19	[3.2, 3.9]	34

Notes: Measured on a 5 point Likert scale where 5 indicates "strongly agree" and 1 indicates "strongly disagree".

6.8 Thoughts about current insurance affordability (2017)

6.8.1 Thoughts about current insurance affordability (2017), among respondents still enrolled and those no longer enrolled with private insurance

	Current insurance is affordable (2017)			N
	Mean	SE	95%CI	
Follow-up group				
Still enrolled	4.0	0.02	[4.0, 4.1]	2,385
No longer enrolled with private insurance	3.3	0.10	[3.1, 3.5]	182

Notes: Current insurance is affordable is a derived variable that is measured on a 5-point Likert scale where 5 indicates "strongly agree" and 1 indicates "strongly disagree" to the following questions on the 2017 enrollee follow-up surveys: "The amount I pay now for my health insurance is affordable" for respondents no longer enrolled, and to the question "The amount I pay for the Healthy Michigan Plan is affordable" for respondents still enrolled.

6.8.2 Predictors of thoughts about current insurance affordability (2017), among respondents still enrolled and those no longer enrolled with private insurance

	Current insurance is affordable (2017)		
	Coef.	95% CI	p-value
Follow-up group			
Still enrolled		Reference	
No longer enrolled with private insurance	-0.79	[-0.991,- 0.598]	0.000
Number of chronic conditions (DW)	-0.01	[-0.041, 0.014]	0.330
Age (DW)			
19-34		Reference	
35-50	-0.11	[-0.216,- 0.002]	0.045
51-64	-0.01	[-0.107, 0.081]	0.791
Gender (DW)			
Male		Reference	
Female	-0.06	[-0.143, 0.018]	0.130
Race/ethnicity (2016)			
White, non-Hispanic		Reference	
Black, non-Hispanic	-0.26	[-0.356,- 0.161]	0.000
Hispanic	-0.14	[-0.329, 0.042]	0.129
Other, non-Hispanic	-0.25	[-0.439,- 0.069]	0.007
FPL category (DW)			
0-35%		Reference	
36-99%	-0.08	[-0.176, 0.010]	0.080
100%+	-0.19	[-0.292,- 0.095]	0.000
Highest level of education (2017)			
High school or less		Reference	
Associate's degree/some college	0.08	[-0.009, 0.171]	0.079
Bachelor's/post graduate degree	0.24	[0.116, 0.358]	0.000
Constant	4.25	[4.128, 4.362]	0.000
N	2,529		
F-value	11.326		
Model degrees of freedom	12.000		
Residual degrees of freedom	2,517.000		
F-value significance	0.000		

Notes: Multiple linear regression. Current insurance is affordable is a derived variable that is measured on a 5-point Likert scale where 5 indicates "strongly agree" and 1 indicates "strongly disagree" to the following questions on the 2017 enrollee follow-up surveys: "The amount I pay now for my health insurance is affordable" for respondents no longer enrolled, and to the question "The amount I pay for the Healthy Michigan Plan is affordable" for respondents still enrolled.

6.9 Problems paying medical bills since HMP coverage ended (2017)

6.9.1 Problems paying medical bills since HMP coverage ended (2017) by type of insurance (2017), among respondents no longer enrolled

Type of insurance (2017)	Problems paying medical bills since HMP coverage ended (2017)				Total Row%
	Yes		No		
	Row%	95%CI	Row%	95%CI	
Medicaid (n=202)	14.9	[9.4, 22.9]	85.1	[77.1, 90.6]	100.0
Private, job (n=135)	20.3	[13.6, 29.1]	79.7	[70.9, 86.4]	100.0
Private, self or other, healthcare.gov (n=32)	29.9	[14.7, 51.3]	70.1	[48.7, 85.3]	100.0
Medicare, VA, or CHAMPUS (n=103)	24.8	[15.6, 36.9]	75.2	[63.1, 84.4]	100.0
Other, unspecified, or unknown (n=42)	21.9	[9.2, 43.6]	78.1	[56.4, 90.8]	100.0
Pearson: Uncorrected chi2(4) =	35.6308				
Design-based F(3.87, 11176.62) =	0.9665	Pr =	0.423		

Notes: χ^2 test of independence. For problems paying medical bills since HMP coverage ended, respondents who answered "Don't know" were excluded from the analysis.

2017 Healthy Michigan Voices Follow-Up Survey
Appendix C: Claims-Based and Derived Variable Definitions

Any dental visit

Identification of dental visits was based on any procedure code beginning with D in procedure code field.

Any nutrition service

Identification of nutrition service was based on the claim having 1 of the following 3 characteristics:

1. Billing or rendering provider with Weight Watchers NPI= 1891941415
2. Billing or rendering provider NPI that matched taxonomy codes for "Diet" or "Nutrition"
3. Procedure Code S9470-Nutritional counseling, diet

HPV testing

Identification of HPV testing was based on the following procedures codes. 87621-Hpv dna amp probe

1. 87623-Hpv low-risk types
2. 87624-Hpv high-risk types
3. 87625-Hpv types 16 & 18 only

STI testing

Identification of STI testing was based on the following procedure codes.

1. 86631-Chlamydia antibody
2. 87110-Chlamydia culture
3. 3511F-Chlmyd/gonrh tst docd done
4. 86694-HERPES SIMPLEX NES ANTBDY
5. 86695-HERPES SIMPLEX TYPE 1 TEST
6. 86696-HERPES SIMPLEX TYPE 2 TEST
7. 86703-HIV-1/HIV-2 1 RESULT ANTBDY
8. 86701-HIV-1ANTIBODY
9. 86702-HIV-2 ANTIBODY
10. 87806-Hiv antigen w/hiv antibodies
11. 86689-Htlv/hiv confirmj antibody
12. 87850-N. gonorrhoeae assay w/optic
13. 80081-Obstetric panel
14. 87808-Trichomonas assay w/optic
15. 87661-Trichomonas vaginalis amplify

Prescribed HMG CoA Reductase inhibitor (statin)

Identification of statin therapy was based on pharmacy records for drug class: M4D-ANTIHYPERLIPIDEMIC - HMG COA REDUCTASE INHIBITORS.

Nicotine replacement therapy (NRT) or varenicline prescription

Identification of NRT was based on pharmacy records for drug classes: H7N- SMOKING DETERRENTS, OTHER, J3A- SMOKING DETERRENT AGENTS (GANGLIONIC STIM, OTHERS), and J3C-SMOKING DETERRENT-NICOTINIC RECEPT.PARTIAL AGONIST.

Vaccines

Influenza vaccine

Identification of flu vaccine receipt was based on flu vaccine administration dates in the Michigan Care Improvement Registry (MCIR), flu vaccine CPT codes in Medicaid claims data, and flu vaccine NDC codes in the Medicaid pharmacy data; receipt of any flu vaccine during 2015, 2016, or 2017 calendar years is included in this analysis.

Pneumonia vaccine

Identification of pneumonia vaccine receipt was based on having at least one CPT code in Medicaid claims data, NDC code in the Medicaid pharmacy data, or MCIR record for a PCV13 or PPSV23 vaccine during CY2015, 2016, or 2017.

Other vaccines

Identification of any other vaccine receipt was based on having at least one CPT code in Medicaid claims data, NDC code in the Medicaid pharmacy data, or MCIR record for any listed vaccine during CY2015 or 2016. This includes Td/Tdap, Zoster, Hepatitis A and B, HIB, HPV, Meningitis or Meningitis B, Varicella, and MMR during CY2015, 2016, or 2017.

Any preventive service

Any of the above services with the exception of primary care visits are included in this definition.

Health Risk Assessment (HRA) completion

Data were extracted from the Health Risk Assessment (HRA) table in the Data Warehouse for the first 24 months from initial enrollment (i.e., the combined Year 1 and Year 2 period), along with any information obtained during the pre-HMP enrollment period of February-March 2014. This information was used to categorize each enrollee's HRA status:

- HRA attestation – record includes physician attestation date, signaling completion of the HRA process
- HRA questions only – record includes enrollee responses to some/all questions on the patient portion of the HRA, but no physician attestation date
- No HRA record – lack of data for any HRA-related activity

For enrollees with a physician attestation date, the record identified a healthy behavior status:

- Selected a healthy behavior
- No healthy behaviors to address
- Not ready for change
- Serious condition / healthy behavior not required

Emergency department utilization claims

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. ED visits were classified by level of complexity (low, medium, high, or unknown)

Outpatient utilization claims

Primary care visits

Identification of a primary care visit (PCP) required a procedure code or revenue code in the MDHHS Primary Care Incentive Rate "uplift" list AND a primary care provider NPI. A provider was considered a PCP if his/her NPI meets any of the following criteria:

1. Identified as primary care at any time during the MiPCT project.
2. Has a PCP assignment record in the data warehouse PCP table with an end date \geq 4/1/2014 and does not have an NPPES taxonomy code in a hospital list.
3. Has evidence of being a primary care provider in both the Michigan Medicaid provider specialty/subspecialty table and the NPPES taxonomy table.

Mental health or substance abuse (MHSA) visits

MH/SA Outpatient Visits are derived from the HEDIS Mental Health Utilization spec. An MH/SA visit must satisfy one of the following criteria:

1. MPT Stand Alone Outpatient Group 1 Value Set with a principal mental health diagnosis (Mental Health Diagnosis Value Set).
2. MPT Outpatient/ED Value Set with MPT Outpatient/ED POS Value Set and a principal mental health diagnosis (Mental Health Diagnosis Value Set).
3. MPT Stand Alone Outpatient Group 2 Value Set with a principal mental health diagnosis (Mental Health Diagnosis Value Set) billed by a mental health practitioner.

This method left out a series of H procedure codes representing various alcohol & drug services; we added all procedure codes beginning with 'H' to the 'stand-alone outpatient group 1' value set to supplement the H codes already included.

Other outpatient visits

Other outpatient visits require a procedure code or revenue code in the HEDIS Outpatient value set (the same one used for the primary care visit spec). None of the outpatient visit categories include ED visits.

Any prescription claims

Use of prescription drugs was based on any claim for a prescription (Rx code) during the time period, regardless of prescription type.

Chronic conditions

Chronic disease defined by claims-based diagnostic codes

Chronic disease was identified using diagnosis codes including asthma, arthritis, cancer, chronic kidney disease, COPD, diabetes mellitus, heart failure or ischemic heart disease, hypertension, and stroke/transient ischemic attack.

Mental and behavioral health conditions or substance use disorders (MH/SUD)

Mental health disorders are defined using ICD-9 and ICD-10 codes for mental health disorders, including the following:

1. Anxiety disorders
2. ADHD, Conduct Disorders, and Hyperkinetic Syndrome
3. Bipolar Disorder
4. Depressive Disorders
5. Personality Disorders
6. Post-Traumatic Stress Disorder (PTSD)
7. Schizophrenia and Other Psychotic Disorders
8. Other Mental Health Disorders

Substance use disorders are defined using ICD-9 and ICD-10 codes for substance use disorders, including the following:

1. Alcohol Use Disorders
2. Drug Use Disorders – Cannabis
3. Drug Use Disorders – Caffeine
4. Drug Use Disorders – Hallucinogens
5. Drug Use Disorders – Inhalants
6. Drug Use Disorders – Opioids
7. Drug Use Disorders – Sedatives, Hypnotics, Anxiolytics
8. Drug Use Disorders – Stimulants
9. Drug Use Disorders – Other or Unknown
10. Drug Use Disorders – Polysubstance

Derived variables

Change in employment (from 2016-2017)

Change in employment was defined as respondents who reported not being employed/self-employed in 2016 and then reported being employed/self-employed in 2017.

Major functional limitation (2017)

Major functional limitation was defined as missing 14-30 days of the past 30 days due to poor physical and/or mental health.

Positive employment-related outcome (2017)

Positive employment-related outcome was defined as a "yes" response to any of the following survey items from the 2017 follow-up survey: "the Healthy Michigan Plan helped me do a better job at work", "the Healthy Michigan Plan helped me get a better job", or "the Healthy Michigan Plan has made me better able to look for a job".

Improved health (from 2016-2017)

Improved health was defined as respondents who reported fair/poor health in 2016 and no longer reported fair/poor health in 2017.

Improved oral health

Improved oral health was defined as respondents who that their oral health got better in the past year.

Worsened oral health (2017)

Worsened oral health was defined as respondents who reported that their oral health got worse in the past year.

New chronic condition diagnosis in 2017 (from 2016-2017 survey and/or DW)

New chronic condition diagnosis in 2017 was defined as a new diagnosis of asthma, arthritis, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke in 2017 as indicated by self-report and/or data warehouse when there was no diagnosis present either 2 years or 1 year before enrollment as indicated by self-report and/or Data Warehouse.

New chronic condition diagnosis (2016)

New chronic condition diagnosis in 2016 was defined as a new diagnosis of asthma, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke in 2016 as indicated by self-report.

Chronic condition (2016 or 2017 survey and/or DW)

Chronic condition was defined as a diagnosis of asthma, arthritis, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke as indicated by self-report in 2016 or 2017 and/or Data Warehouse.

Two or more chronic conditions (2016 or 2017 survey and/or DW)

Two or more chronic conditions was defined as being diagnosed with two or more of the following chronic conditions: asthma, arthritis, cancer, COPD, diabetes, hypertension, heart disease, and/or stroke as indicated by self-report in 2016 or 2017 and/or Data Warehouse.

Forgone health care due to financial reasons (2017)

Forgone health care due to financial reasons was defined as respondents who reported forgone health care, either in the last 12 months for respondents still enrolled or since HMP coverage ended for respondents no longer enrolled, due to the following reasons: cost, no insurance coverage, or needing a service that was not covered.

Health professional discussed exercise (2016 or 2017)

Health professional discussed exercise was defined as respondents who reported discussing exercise with a health professional in either 2016 or 2017.

Health professional discussed diet/nutrition (2016 or 2017)

Health professional discussed diet/nutrition was defined as respondents who reported discussing diet/nutrition with a health professional in either 2016 or 2017.

Health professional discussed safe alcohol use (2016 or 2017)

Health professional discussed safe alcohol use was defined as respondents who reported discussing safe alcohol use with a health professional in either 2016 or 2017.

Increased or maintained exercise frequency (from 2016-2017)

Increased or maintained exercise frequency was defined as respondents who reported a higher exercise frequency in 2017 compared to 2016 or reported exercising 3-6 days or every day in the last 7 days in both 2016 and 2017.

Sugary drink consumption (change 2016-2017)

Change in sugary drink consumption was defined as 'worse' if respondents reported a higher frequency of sugary drink consumption in 2017 compared to 2016, 'same' if respondents reported the same frequency of sugary drink consumption in 2017 as in 2016, or 'better' if respondents reported a lower frequency of sugary drink consumption in 2017 compared to 2016; respondents who reported 0 days of sugary drink consumption in the last 7 days in both 2016 and 2017 were excluded.

Decreased or maintained sugary drink consumption (from 2016-2017)

Decreased or maintained sugary drink consumption was defined as respondents who reported a lower frequency of sugary drink consumption in 2017 compared to 2016 or reported 0 days of sugary drink consumption in the last 7 days in both 2016 and 2017.

Increased or maintained fruit and vegetable consumption (from 2016-2017)

Increased or maintained fruit and vegetable consumption was defined as respondents who reported a higher frequency of fruit and vegetable consumption (3+ servings in a day) in 2017 compared to 2016 or reported consuming 3+ servings of fruit and vegetables per day every day in the last 7 days in both 2016 and 2017.

Decrease in binge drinking frequency (from 2016-2017)

Decrease in binge drinking frequency was defined as respondents who reported a lower frequency of binge drinking in 2017 compared to 2016.

Current insurance is affordable (2017)

Current insurance is affordable is based on a 5-point Likert scale, dichotomizing strongly agree/agree vs. strongly disagree/disagree/neutral/don't know responses to the following questions on the 2017 enrollee follow-up surveys: "The amount I pay now for my health insurance is affordable" for respondents no longer enrolled, and to the question "The amount I pay for the Healthy Michigan Plan is affordable" for respondents still enrolled.

Knowledge of HMP covered benefits and costs

Knowledge of HMP covered benefits and costs is defined as the count of correct answers to a series of questions about HMP, which were common to both the 2016 and 2017 surveys (Range 0-6). These questions include: I could be dropped from the Healthy Michigan Plan for not paying my bill. Y/N/DK; I may get a reduction in the amount I might have to pay if I complete a health risk assessment. Y/N/DK; Some kinds of visits, tests and medicines have no copays. Y/N/DK; Do you think the following are covered under Healthy Michigan Plan, not covered, or you don't know: Eyeglasses, routine dental care, counseling for mental or emotional problems.

Quit smoking or using tobacco (from 2016-2017)

Quit smoking or using tobacco (from 2016-2017) was defined as respondents who reported using tobacco within the past 30 days in 2016 and no longer reported using tobacco with the past 30 days in 2017.

Regular source of care is not the ER in last 12 months

Regular source of care is not the ER in last 12 months was defined as respondents who reported that their regular source of care is a clinic, doctor's office, urgent care, walk-in clinic, other type of place, or don't know.

Regular source of care is not the ER

Regular source of care is not the ER was defined as respondents who reported that their regular source of care is a clinic, doctor's office, urgent care, walk-in clinic, other type of place, or don't know in the last 12 months for respondents still enrolled or since HMP coverage ended for respondents no longer enrolled.

Forgone health care (2017)

Forgone health care was defined as respondents who reported forgone health care either in the last 12 months for respondents still enrolled or since HMP coverage ended for respondents no longer enrolled.

ER visit (2016 or 2017)

ER visit had different wording between follow-up groups; for respondents still enrolled, the question asked was "During the past 12 months, did you go to a hospital emergency room about your own health (whether or not you were admitted overnight)?"; for respondents no longer enrolled, the question asked was "Since your Healthy Michigan Plan insurance ended, did you go to a hospital emergency room about your own health (whether or not you were admitted overnight)?"

2017 Healthy Michigan Voices Follow-Up Survey

Appendix D: Details of Weighting Adjustment

Base Selection Weight

For base selection weight calculation, we started with all respondents from HMV 2016 and the final weight (w_6 in the data set) given to every 2016 *Healthy Michigan Voices* Enrollee Survey respondent. The follow-up survey was administered with 2016 *Healthy Michigan Voices* Enrollee Survey respondents who consented to be followed up. Even though the consent rate was very high at 96.4% (unweighted), not everyone consented. To compensate for this, we applied the following adjustment factor:

$$fu_f_{1,hi} = \begin{cases} 0, & \text{if } i \text{ did not consent} \\ \frac{\sum_{i \in h} w_{6,i}}{\sum_{i \in h} I_C_i \times w_{6,i}}, & \text{if } i \text{ consented} \end{cases}$$

where $w_{6,i}$ is the final weight of respondent i from HMV 2016 and I_C_i is a 1/0 indicator for consent status (1: consent, 0: not consent). Note that this factor is specific to each sampling stratum, h . This adjustment factor, $fu_f_{1,hi}$, assumes that consenters in a stratum h represent non-consenters. The resulting base weight of the follow-up survey is:

$$fu_w_{1,i} = fu_f_{1,hi} \times w_{6,i}$$

Nonworking Number Adjustment

We used the following adjustment factor, $fu_f_{2,hi}$, for nonworking numbers considered out of our target population.

$$fu_f_{2,hi} = \begin{cases} 0, & \text{if } i \text{ is not working number} \\ \frac{\sum_{i \in h} fu_w_{1,i}}{\sum_{i \in h} (I_WR_i \times fu_w_{1,i})}, & \text{if } i \text{ is a working number} \end{cases}$$

where I_WR_i is a 1/0 indicator for working number status (1: working number, 0: nonworking number). The resulting weight is:

$$fu_w_{2,i} = fu_f_{2,hi} \times fu_w_{1,i}$$

Unknown Eligibility Adjustment

An adjustment factor is applied to the weight from the previous stage to account for those that were working numbers but contact was not established as follows.

$$fu_f_{3,hi} = \begin{cases} 0, & \text{if eligibility is unknown for } i \\ \frac{\sum_{i \in h} fu_w_{2,i}}{\sum_{i \in h} (I_UE_i \times fu_w_{2,i})}, & \text{if eligibility is known for } i \end{cases}$$

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

$$fu_{w_{3,i}} = fu_{f_{3,hi}} \times fu_{w_{2,i}}$$

Known Eligibility Adjustment

Those who were contacted but were not eligible for various reasons were removed through the following approach:

$$fu_{f_{4,hi}} = \begin{cases} 0, & \text{if } i \text{ is ineligible} \\ \frac{\sum_{i \in h} fu_{w_{3,i}}}{\sum_{i \in h} (I_{EL_i} \times fu_{w_{3,i}})}, & \text{if } i \text{ is eligible} \end{cases}$$

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

$$fu_{w_{4,i}} = fu_{f_{4,hi}} \times fu_{w_{3,i}}$$

Nonresponse Adjustment

As examined in Table 2 above, there were some meaningful differences between respondents and nonrespondents. We made an adjustment for nonresponse using a logistic regression approach that controlled for the age, sex, race/ethnicity, first month on HMP and sampling stratum, which combines FPL and region. The adjustment factor, $fu_{f_{5,i}}$, is the inverse of response propensity predicted from the logistic regression. The resulting weight is:

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

Post-stratification

The target population of the 2017 HMP Follow-Up Survey were assumed to be the same as that of the 2016 HMP Enrollee Survey for a size of 384,262. Because age, sex, race/ethnicity and sampling stratum of follow-up respondents are known from the Data Warehouse, any potential discrepancies in these characteristics between the target population and the nonresponse adjusted sample were controlled in the post-stratification. In order to reduce the effect of a large variation in weights, weights were trimmed and normalized to the population totals. The resulting weight is $fu_{w_{6,i}}$. When using this post-stratified weight, the sample matches the target population perfectly with respect to age, sex, race/ethnicity and sampling stratum.

2017 Healthy Michigan Voices Follow-Up Survey

Appendix E: Survey Instrument For Those Still Enrolled

Operationalized Version

[MAKING CONTACT/AGREEMENT TO PARTICIPATE]

Hi, can I speak with [RESP firstname]? This is [interviewer firstname] with the Healthy Michigan Voices project at the University of Michigan.

[If answered by another person] We want to give _____ an opportunity to participate in the Healthy Michigan Voices project. When would be a good time to call back? _____. Also, I'd like to leave a toll-free number where [RESP] can call us back. The number is 844-263-8402.

[If Voicemail] Hi, this message is for [firstname]. This is [interviewer firstname] with the Healthy Michigan Voices Project at the University of Michigan. **We spoke with you about a year ago, and would like to speak with you again about a follow-up survey and your opportunity for another \$25 gift card. When you have about 15 minutes to take the survey, or you'd like to schedule a call-back time, please give us a call back at our toll free number: 844-263-8402. Again, that's the Healthy Michigan Voices Project at 844-263-8402. Thank you.**

INT00: If you have the enrollee on the phone:

Healthy Michigan Voices is a project at the University of Michigan – you may remember completing a phone survey with us about a year ago. We're checking back with people we interviewed last year, to get their views about what's working well and what may need to be improved.

The follow-up survey takes about 15 minutes, and you'll receive another \$25 gift card for participating. Does this sound like something you'd have time for today?

INT10: Okay, just a couple of quick things for you to know before we start:

- The survey is confidential. We will not tell the state, your health plan, or your doctor any of the specific answers you give on the survey.
- Participating in the survey is voluntary -- if there are any questions you don't want to answer, you can skip them.
- For completing the survey, you get a \$25 gift card that can be used anywhere that accepts MasterCard. And I'll tell you more about that at the end.

Do you have any questions before we begin?

RECORD_CALL: For quality assurance and training purposes, can we record this call? Yes/No [If respondent says no, verify that recorder is turned off]

[once recorder is on] Ok, we have your ID listed as <\$Q>.

CH_DOB: And just to confirm that I'm talking with the right person, we show that you were born in <MONTH> <YEAROFB>. Is that correct? Yes/No [TEXT BOX if no]

CK_ENROL: And our records show that you are currently enrolled in the Healthy Michigan Plan. Is that correct? Yes/No [TEXT BOX OPTION]

If NO: GO TO "FOLLOW-UP NO LONGER ENROLLED" Survey Pathway

These first questions are about your health and health care.

Q1. In general, would you say your health is: Excellent; Very Good; Good; Fair; OR Poor

Q2. 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?

Q3. In the past year, would you say your physical health has gotten better, stayed the same, OR gotten worse?

Q4. 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?

Q5. In the past year, would you say your mental and emotional health has gotten better, stayed the same, OR gotten worse?

Q6. 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?

Q7. In the past year, has the health of your teeth and gums gotten better, stayed the same, OR gotten worse?

Q8a. How tall are you? _____

Q8b. How much do you weigh? _____

Q9. Has a doctor or other health professional ever told you that you had any of the following?

- a) Hypertension, also called high blood pressure? Yes/No
- b) A heart condition or heart disease? Yes/No
- c) Diabetes or sugar diabetes (other than during pregnancy)? Yes/No
- d) Cancer, other than skin cancer? Yes/No
- e) A mood disorder (For example, depression, anxiety, bipolar disorder)? Yes/No
- f) A stroke? Yes/No
- g) Asthma? Yes/No
- h) Chronic bronchitis, COPD or emphysema? Yes/No
- i) A substance use disorder? Yes/No
- j) Arthritis or a related condition (for example, rheumatoid arthritis, gout, lupus, or fibromyalgia)? Yes/No
- k) Any other ongoing health condition? Yes/No If YES: **Q10a** What is the condition? [TEXT BOX]

Now I'm going to ask about your recent experiences getting health care in the past 12 months.

Q10. 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 **Q10**=YES: **Q11.** What kind of a place was it? a clinic, doctor's office, urgent care/walk-in clinic, ER

If **Q11**=clinic/doctor's office:

Q12. And is this your primary care provider for your Healthy Michigan Plan Coverage? Yes/No

If **Q10**=No/Don't Know/NA OR **Q11**=urgent care/walk-in/ER or **Q12**=No:

Q12a. Do you have a primary care provider for your Healthy Michigan Plan Coverage? Yes/No

Q13. Is this the same primary care provider you had when we talked with you last year? Yes/No

If **Q13**=No: **Q13a.** Why did you change? [open-ended, check whatever mentioned]

- Didn't like it/wanted a new doctor
- Office closed or moved
- Switched health plans, had to change
- Other [TEXT BOX]

Q14. Have you seen your primary care provider in the past 12 months? (Yes/ No/Don't know)

If Q14=No: **Q14a.** Why not? [open-ended, check whatever mentioned]

- Healthy/didn't need to
- Couldn't get appointment
- Transportation/office too far away
- Don't like my PCP/office staff
- See a specialist instead
- Inconvenient hours
- Don't like doctors in general
- Other [TEXT BOX]

Q15. In the last 12 months, did you get dental care? Yes/No

Q16. In the last 12 months, was there any time when you didn't get the dental care you needed? Yes/No

If 16=YES: **Q16a.** Why didn't you get the care you needed? [open-ended; mark all mentioned]

- Dental plan wouldn't cover treatment/service
- Couldn't find provider that took your dental insurance
- Problems getting appointment
- Transportation/logistics
- Afraid of going to dentist
- Doesn't realize HMP covers dental at all
- Other [TEXT BOX]

Q17. 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 – complete Q18-19 /No – complete Q20

If Q17=YES: **Q18.** 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/NA – no PCP at the time of the ER visit

If Q18=YES: **Q18a.** Did you talk to someone? Yes/No

If Q18a=YES: **Q18b.** Why did you end up going to the ER? [open-ended, check whatever mentioned]

- No response from the provider
- Told to go to the ER
- Advice wasn't helpful
- Symptoms didn't improve or got worse
- You couldn't get an appointment soon enough
- Other [TEXT BOX]

Q19. Which of these were true about that last ER visit?

- a. You arrived by ambulance or other emergency vehicle Y/N/DK
- b. The problem was too serious for a doctor's office or clinic Y/N/DK
- c. Your doctor's office or clinic was not open Y/N/DK
- d. You needed to get care at a time that would not make you miss work or school Y/N/DK
- e. You went to the ER because it's your closest place to receive care Y/N/DK
- f. You went to the ER because you get most of your care at the emergency room Y/N/DK
- g. Any other reason you decided to go to the ER? [TEXT BOX]

If Q17=NO: **Q20.** 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? Y/N

If Q20=YES: **Q20a.** Thinking about the last time, what did you do to get the health care help or advice you needed? [open-ended, check whatever mentioned]

- Phone/email with primary care office
- Got primary care appointment next day/soon
- Went to urgent care/walk-in clinic
- Got advice elsewhere (friends, internet, etc)
- Problem got better without seeking care
- Other _____

Q21. In the past 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 or Not Applicable?

If Q21= Difficult/Very Difficult: **Q21a.** What made it difficult? [open-ended, check whatever mentioned]

- Couldn't get through on the telephone
- Couldn't get an appointment soon enough
- Inconvenient hours
- Transportation
- My PCP not available / had to see another provider
- Don't like my PCP/office staff
- Other [TEXT BOX]

Q22. In the last 12 months, was there any time when you didn't get the health care you needed? Yes/No

If Q22=YES: **Q22a.** What type of care?

- Primary care visits
- Specialist visits
- Mental health
- Prescription medication
- Other [TEXT BOX]

If Q22=YES: **Q22b.** Why didn't you get the care you needed? [open-ended; mark all mentioned/loop if >1]

- Cost
- Plan wouldn't cover services needed
- Couldn't find provider that took your insurance
- Problems getting appointment
- Transportation/logistics
- Other [TEXT BOX]

These next questions are about common types of healthy behaviors.

Q23. 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

Q24. In the last 7 days, how many days did you drink soda or pop that contains sugar, 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

Q25. 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

If questioned: Each time you ate a fruit or vegetable counts as one serving. It can be fresh, frozen, canned, cooked or mixed with other foods.

Q26. In the last 12 months, has a doctor, nurse, or other health professional talked with you about exercise? Y/N

Q27. In the last 12 months has a doctor, nurse or other health professional talked with you about diet and nutrition? Y/N

Q28. 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=1 or more days: **Q28a.** In the last 12 months, has a doctor, nurse, or other health professional talked with you about safe alcohol use? Y/N

Q29. In the last 30 days have you smoked or used tobacco? Yes /No

If Q29=YES:

Q30. Do you want to quit smoking or using tobacco? Yes/No

If Q30=YES: **Q30a.** Are you working on cutting back or quitting right now? Yes/No

Q31. In the last 12 months, did you receive any advice or assistance from a health professional or your health plan on HOW to quit or cut back? Yes/No/Don't know

Q32. 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 Q32=YES: **Q32a.** How often? Almost every day/Sometimes/Rarely/Never

If Q32a = Almost every day/Sometimes: **Q32b.** 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/No

People who enroll in the Healthy Michigan Plan are encouraged to complete a Health Risk Assessment each year. *The Health Risk Assessment form includes questions about your eating, exercise and other health habits; a section about choosing a healthy behavior to work on; and a section your provider's office should complete.*

Q33. In the last year, did you discuss the Health Risk Assessment with your doctor or someone at your primary care provider's office? Yes/No/Don't remember

If Q33=YES: **Q33a.** What healthy behavior did you choose to work on? [open-ended, code all mentioned]

Exercise/activity	Stress/mental health care
Nutrition/diet	Take medicine regularly
Lose weight	Monitor my blood pressure/blood sugar
Reduce/quit tobacco use	Go to the dentist
Flu shot	Return to doctor
Reduce/quit alcohol use	Other [TEXT BOX]
Treatment for substance use	Don't remember

If Q33a=anything: **Q33b.** WHY did you choose this healthy behavior? [open-ended]

Doctor suggested it

Something I wanted to do anyway

Easy to do

HMP would cover the cost

Other [TEXT BOX]: _____

The next questions are about your Healthy Michigan coverage.

Q34. I'm going to read some different types of health care, and you tell me if you think it is covered under Healthy Michigan Plan, not covered, or if you don't know. Don't worry if you don't know the answer – the state is just trying to find out what people do and don't know about the Healthy Michigan Plan. The first one is eyeglasses: do you think those are covered, not covered or don't know?

a. Eyeglasses covered/not covered/don't know

b. Prescription medications

- c. Routine dental care
- d. Treatment to stop smoking
- e. Birth control or family planning
- f. Counseling for mental or emotional problems
- g. Substance use treatment

Now I'm going to make some 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".

Q35a. I could be dropped from the Healthy Michigan Plan for not paying my bill. Y/N/DK

Q35b. I may get a reduction in the amount I might have to pay if I complete a health risk assessment. Y/N/DK

Q35c. Some kinds of visits, tests and medicines have no copays. Y/N/DK

Q35d. There is a limit on the total amount I have to pay each year for Healthy Michigan Plan insurance.

Q36. In the past year, have you received a statement from the state that showed the services you received through the Healthy Michigan Plan and how much you owe, if anything? It's called your MI Health Account Statement. Y/N

NOTE: MI Health Account statements are sent through the mail. You should get one of these statements

every few months, even if you don't owe anything. Do you remember anything like that?

If Q36=Yes: ask Q37-39

For the following statements, tell me if you strongly agree, agree, are neutral, disagree, or strongly disagree.

Q37. I carefully review each MI Health Account statement to see how much I owe.

Q38. The MI Health Account statements help me be more aware of the cost of health care.

Q39. Information I saw in a MI Health Account statement led me to change some of my decisions about health care.

ALL RESPONDENTS

Q40. For the next questions, tell me if you: *strongly agree, agree, are neutral, disagree, or strongly disagree.*

- 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) Having the Healthy Michigan Plan has taken a lot of stress off me.
- d) Without the Healthy Michigan Plan, I wouldn't be able to go to the doctor.
- e) Without the Healthy Michigan Plan, I wouldn't be able to go to the dentist.

Q41. For these next few questions, I'm going to read some general statements about getting health, and you tell me if you: *strongly agree, agree, are neutral, disagree, or strongly disagree*

- a) Doctors treat people on Medicaid the same as people with private insurance.
- b) Medicaid helps people get a "leg-up" when they really need it.
- c) Many people on Medicaid do not want other people to know.
- d) A lot of people in this country don't respect those on Medicaid.
- e) There should be a limit on how long someone can be covered by Medicaid.
- f) It is very important to me personally to have health insurance.
- g) Getting discounts on copays and premiums as a reward for working on improving your health is a good idea.
- h) Everyone should have to pay something for their health care.
- i) If I have a medical problem, my preference is to go straight to a doctor and ask his or her opinion

Q42. In the last 12 months, have you had any questions or problems **using** your Healthy Michigan Plan insurance?

If Q42=YES: **Q42a:** What kind of questions or difficulties did you have? (open ended; check all that apply)

- Difficulty/inability finding a provider

- Needed a service that wasn't covered
- Difficulty finding out information
- Payment issues (making payments, charged incorrectly, did not know how/how much to pay)
- Other [TEXT BOX]

Q43. In the last 12 months, about how much did you spend out-of-pocket for your own medical and dental care?
Record \$ _____ OR Don't Know

If Q43=DON'T KNOW: **Q43a.** I'll read some categories, and you stop me when I get to the amount you think is about right. 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?

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.

For these next questions, you can just answer yes or no.

Q44. In the past 12 months, did you check how much you would pay for a doctor's visit, medication, or other health care service before you received care? Y/N/DK

If Q44=YES: **Q44a:** What type of health care was this for? (open ended; check all that apply)

- Doctor's visit
- Medication
- Lab test / imaging test
- Surgery or procedure
- Other [TEXT BOX]

Q45. In the past 12 months, did you compare quality ratings for any health care services at different places?

If Q45=YES: **Q45a:** What type of health care was this for? (open ended; check all that apply)

- Doctor's visit
- Medication
- Lab test / imaging test
- Surgery or procedure
- Other [TEXT BOX]

(Q46 Removed from survey 3/10/2017)

Q47. In the past 12 months, did you ask a health care provider to recommend a less costly prescription drug?

Next we have just a few questions about you.

Q48. Are you currently in school? Yes/No

If YES: **Q48a.** Are you a full-time or part-time student? Full-time/Part-time

Q49. Are you currently employed or self-employed? Yes/No

If Q49=YES:

Q50a. Are you working full time or part time? Full-time/Part-time

Q50b. In the past 12 months...about how many days did you miss work because of illness or injury (do not include maternity leave)?

Q50c. Have you changed jobs in the last 12 months? Y/N

If Q49=NO:

Q51a Are you out of work, unable to work, retired, or not looking for work at this time?

- 1 Out of work
- 2 Unable to work
- 3 Retired
- 4 Not looking for work at this time

Q51b How long have you been [out of work/unable to work/retired]?
 Less than one year / One year or more

[if unable] **Q51c** Why are you unable to work?
 Disabled / Poor health / Old age / Caregiving responsibilities / Other [TEXT BOX]

Notes: If Q48=YES, resp. should get Q52b, plus whatever employment questions are appropriate
 If Q50c=YES, resp. should get Q52b, Q52c and Q52d
 If Q50c=NO, resp. should get Q52a and Q52c
 If OUT OF WORK (no matter how long), resp. should get Q52e
 If UNABLE TO WORK **and** NOT IN SCHOOL, do not ask any of the Q52 questions
 If RETIRED for **ONE YEAR OR MORE and** NOT IN SCHOOL, do not ask any of the Q52 questions
 If NOT LOOKING FOR WORK (no matter how long), resp. should get Q52b

Q52. For the next questions, please answer Yes, No or Not applicable.

Q52a: The Healthy Michigan Plan gave me insurance when I couldn't get insurance at my job.

Q52b: Having the Healthy Michigan Plan helped me stay insured between jobs or between school and a job.

Q52c: The Healthy Michigan Plan helped me do a better job at work.

Q52d: The Healthy Michigan Plan helped me get a better job.

Q52e: The Healthy Michigan Plan has made me better able to look for a job.

Q53. What is the highest grade of school you have completed, or the highest degree you have received? [open-ended]

- Less than high school
- High school graduate (or equivalent)
- Some college (1-4 years, no degree)
- Associate's degree (including occupational or academic degrees)
- Bachelor's degree (BA, BS, AB, etc.)
- A post graduate degree (MS, MSW, MPH, MD, JD, etc.)

Q54. Are you: Married Divorced Widowed Separated Partnered Never Married

Q55a. In the past 3 years, how many places have you lived for one week or longer —including where you live now? Would you say: 1 / 2 / 3 / 4 or more

Q55b. Have you been homeless at any time in the last 12 months?

Q56. Would you like to add anything else about your experiences with the Healthy Michigan Plan? [TEXT BOX]

End of Survey/Contact Information:

ADDRESS2 That's the end of the survey. Can you please confirm your address so we can send your gift card? [AUTOFILL address] You should receive the gift card in 1-3 weeks at that address.

FOLLOWUPSURV We may be conducting a follow-up survey. Would you be willing to have us recontact you for that? We're just asking for contact information – you can decide at that time if you'd like to participate. Y/N

FOLLOWUPPHONE If YES: What is the best phone number to reach you? [Record new #]

FOLLOWUPTEXT Can this number get text messages? Yes/No

FOLLOWUPEMAIL Is there an email address we can use to contact you? Y/N [record if given]

INT99 Thanks so much for talking with me today! Look for your gift card in 1-3 weeks.

2017 Healthy Michigan Voices Follow-Up Survey

Appendix F: Survey Instrument For Those No Longer Enrolled

Operationalized Version

[MAKING CONTACT/AGREEMENT TO PARTICIPATE]

Hi, can I speak with [RESP firstname]? This is [interviewer firstname] with the Healthy Michigan Voices project at the University of Michigan.

[If answered by another person] We want to give _____ an opportunity to participate in the Healthy Michigan Voices project. When would be a good time to call back? _____. Also, I'd like to leave a toll-free number where [RESP] can call us back. The number is 844-263-8402.

[If Voicemail] Hi, this message is for [firstname]. This is [interviewer firstname] with the Healthy Michigan Voices Project at the University of Michigan. **We spoke with you about a year ago, and would like to speak with you again about a follow-up survey and your opportunity for another \$25 gift card. When you have about 15 minutes to take the survey, or you'd like to schedule a call-back time,** please give us a call back at our toll free number: 844-263-8402. Again, that's the Healthy Michigan Voices Project at 844-263-8402. Thank you.

INT00: If you have the enrollee on the phone:

Healthy Michigan Voices is a project at the University of Michigan – you may remember completing a phone survey with us about a year ago. We're checking back with people we interviewed last year, to check in on how they've been doing over the last year.

The follow-up survey takes about 15 minutes, and you'll receive another \$25 gift card for participating. Does this sound like something you'd have time for today?

INT10: Okay, just a couple of quick things for you to know before we start:

- The survey is confidential. We will not tell the state, your health plan, or your doctor any of the specific answers you give on the survey.
- Participating in the survey is voluntary -- if there are any questions you don't want to answer, you can skip them.
- For completing the survey, you get a \$25 gift card that can be used anywhere that accepts MasterCard. And I'll tell you more about that at the end.

Do you have any questions before we begin?

RECORD_CALL: For quality assurance and training purposes, can we record this call? Yes/No [If respondent says no, verify that recorder is turned off]

[once recorder is on] Ok, we have your ID listed as <\$Q>.

CH_DOB: And just to confirm that I'm talking with the right person, we show that you were born in <MONTH> <YEAROFB>. Is that correct? Yes/No [TEXT BOX if no]

CK_DISENROL: And our records show that your last month in the Healthy Michigan Plan was [HMP last month/year autofilled]. Does that sound about right?

Yes – go to Q1

Recently got back on the Healthy Michigan Plan – go to HMV Follow-Up for Still Enrolled in HMP

On Medicaid but not HMP – go to Q1

No - wrong end date (but still off HMP) [TEXT BOX for explanation] - then go to Q1

So now I have a few questions about the end of your Healthy Michigan Plan insurance coverage.

Q1. Was it your choice to end your Healthy Michigan Plan enrollment?

If YES: Why did you decide to end your Healthy Michigan Plan enrollment? Was it...

- Q1a** Because you got other insurance coverage? Yes/No
- Q1b** Because you were not satisfied with the Healthy Michigan Plan? Yes/No
- Q1b1** If YES: What were you dissatisfied with? [TEXT BOX]
- Q1c** Because of some other reason? Yes/No [TEXT BOX if yes]

If NO: **Q1d.** Why did your Healthy Michigan Plan insurance end? [open-ended; check all mentioned]

- No longer eligible
- Didn't send in re-enrollment materials
- Don't know why
- Other [TEXT BOX]

Q2. Are you currently covered by any kind of health insurance or health care plan?

Yes—skip to Q4A / No - continue to Q3

[If Q2=NO, NOT currently covered by health insurance]

Q3. Did you have health insurance at any time since your Healthy Michigan Plan insurance ended?

Yes – continue with 3a / No – skip to 3e

If Q3=YES: **Q3a.** What type of health insurance did you have? [open-ended; *can have >1 type*]

- Insurance provided through a job or union
If YES: **Q3a1.** Whose job is it? (respondent/family member)
- Insurance purchased by you or someone else
If YES: **Q3a2.** Who purchased it? (respondent/family member)
Q3a3. Was it purchased through the marketplace known as healthcare.gov? Y/N/DK
If YES: **Q3a4.** Did you receive a subsidy? A subsidy is a benefit from the government that can lower your monthly health insurance payments according to your income. Y/N/DK
- Veterans Administration or VA care
- CHAMPUS, TRICARE
- Medicare
- County health plan
- Medicaid / MiChild / other state program
- Student health plan
- Other: [TEXT BOX]

Q3b. Why did that insurance coverage end?

- Lost job/employer coverage
- Too expensive
- Other [TEXT BOX]

Q3c. Since your Healthy Michigan Plan insurance ended, for how many months were you uninsured?

- Three months or less
- Four months to six months
- Seven months to 11 months
- More than 12 months
- Other [explain] [TEXT BOX]
- Don't know

Q3d. What are the MAIN reasons you currently do not have health insurance? [open-ended; check all]

- Job didn't offer health insurance / offered but too expensive
- No medical problems/didn't need insurance
- Too expensive to buy own policy
- Was waiting to get insurance through a job
- Had problems with applying
- Tried to enroll in private insurance, redirected to Medicaid
- Just didn't get around to it
- Other [TEXT BOX]
- Don't know

Q3e. Do you think you will get health insurance within the next 6 months? Yes/No/Unsure/Don't Know

If YES: **Q3e1.** What type of health insurance? Employer/Medicaid/Medicare/Other [TEXT BOX]

If UNSURE: **Q3e2.** What type of health insurance do you think that would be?

Employer/Medicaid/Medicare/Other [TEXT BOX]

If Q2=YES: **Q4a.** What type of health insurance do you have?...

- Insurance provided through a job or union
If YES: **Q4a1** Whose job is it? (respondent; family member)
- Insurance purchased by you or someone else
If YES: **Q4a2** Who purchased it? (respondent; family member)
Q4a3 Was this insurance purchased through the marketplace known as healthcare.gov?
Yes/No
Q4a4 If YES: Did [you/they] receive a subsidy? A subsidy is a benefit from the government that can lower your monthly health insurance payments according to your income. Yes/No
- Veterans Administration or VA care
- CHAMPUS, TRICARE
- Medicare
- County health plan
- Medicaid
- Other: [TEXT BOX]

Q4b. Was there any time since your Healthy Michigan Plan insurance ended that you didn't have any health insurance? Yes/No

If YES: **Q4b1.** How long were you uninsured? [record response; offer categories if needed]

- Three months or less
- Four months to six months
- Seven months to 11 months
- More than 12 months
- Other [explain] [TEXT BOX]
- Don't know

Q4c. What were the main reasons you were without health insurance for that time? [open-ended]

- Job didn't offer health insurance / offered but too expensive
- No medical problems/didn't need insurance
- Too expensive to buy own policy
- Was waiting to get insurance through a job
- Had problems with applying
- Tried to enroll in private insurance, redirected to Medicaid

- Just didn't get around to it
- Other [TEXT BOX]

Q4d. Back to the health insurance you currently have...Is your current health insurance plan in your name or someone else's? In my name/Someone else's name

Q4d1. If SOMEONE ELSE'S: What is your relationship to that person? Spouse/Former spouse/ Other family member/Some other relationship/Don't know

How much are the health insurance premiums? Give the dollar amount and how often it is paid, for example, \$100 a month. Include what is taken out of a paycheck to cover insurance premiums. *Include cost covered by anyone on your behalf EXCEPT an employer.*

<p>Q4e1 [TEXT BOX \$_____] \$0/ \$1-\$99/ \$99-\$199 \$200 or more Don't know</p>	<p>Q4e3 Every week/ Every 2 weeks/bi-monthly Once a month/ Quarterly (every 3 months)/ Twice a year Once a year/ N/A - \$0 Other [TEXT BOX] Don't know</p>
<p>Q4e2 <i>If Don't Know for either \$ or timeframe:</i> Would you say the amount per month is: \$0 \$1-\$99 \$99-\$199 \$200 or more Don't know</p>	

[Ask ONLY for those who currently have private coverage and insurance in respondent's name]

Q4f. Who is covered under your current health insurance plan?

- Just me
- Me and at least one other family member
- Don't know

Q4g. A deductible is the amount of money you yourself have to pay for health care services before your health insurance will start paying. Does this health plan have a deductible? Yes/No/Don't know

TRAINING NOTE: Sometimes there are services covered before the deductible is met (IF RESPONDENT CONFUSES DEDUCTIBLE AND CO-PAY: A co-pay is payment for a doctor visit or other medical service and a deductible is the amount you pay before your insurance plan will start paying any part of your medical bills.

[if 4G=Yes] Is the annual deductible for medical care for this plan:

<p>Q4g1a <i>If individual plan:</i> less than \$1,300/ between \$1,300 and \$2,600 or more than \$2,600?</p>	<p>Q4g1b <i>[If 2+ persons covered by this plan:]</i> less than \$2,600, between \$2,600 and \$5,200 or more than \$5,200?</p>
--	--

TRAINING NOTE: If there is a separate deductible for prescription drugs, hospitalization, or out-of-network care, do not include those deductible amounts here.

These next questions are about your health and health care.

Q5. In general, would you say your health is: Excellent; Very Good; Good; Fair; OR Poor

Q6. 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?

Q7. In the past year, would you say your physical health has gotten better, stayed the same, OR gotten worse?

Q8. 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?

Q9. In the past year, would you say your mental and emotional health has gotten better, stayed the same, OR gotten worse?

Q10. 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?

Q11. In the past year, has the health of your teeth and gums gotten better, stayed the same, OR gotten worse?

Q12. How tall are you? _____

Q13. How much do you weigh? _____

Q14. Has a doctor or other health professional ever told you that you had any of the following?

- a) Hypertension, also called high blood pressure? Yes/No
- b) A heart condition or heart disease? Yes/No
- c) Diabetes or sugar diabetes (other than during pregnancy)? Yes/No
- d) Cancer, other than skin cancer? Yes/No
- e) A mood disorder (For example, depression, anxiety, bipolar disorder)? Yes/No
- f) A stroke? Yes/No
- g) Asthma? Yes/No
- h) Chronic bronchitis, COPD or emphysema? Yes/No
- i) A substance use disorder? Yes/No
- j) Arthritis or a related condition (for example, rheumatoid arthritis, gout, lupus, or fibromyalgia)? Yes/No
- k) Any other ongoing health condition? Yes/No If YES: What is the condition? [TEXT BOX]

Now I'm going to ask about your recent experiences getting health care.

Q15. Since your Healthy Michigan Plan insurance ended, 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 Q15=YES:

Q15a. What kind of a place was it? a clinic, doctor's office, urgent care/walk-in clinic, ER

If Q15a=clinic/ doctor's office: **Q15b.** Is this the same place as your Healthy Michigan Plan primary care provider? Yes/No

Q16. Since your Healthy Michigan Plan insurance ended, did you go to a hospital emergency room about your own health (whether or not you were admitted overnight)? Yes – complete Q17 /No – skip to Q18

If 16=YES: **Q17.** Thinking about the most recent 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/NA – no usual provider

If Q17=YES: **Q17a.** Did you talk to someone? Yes/No

If Q17a=YES: **Q17b.** Why did you end up going to the ER? [open-ended, check whatever mentioned]

- No response from the provider
- Told to go to the ER
- Advice wasn't helpful
- Symptoms didn't improve or got worse
- You couldn't get an appointment soon enough
- N/A don't have a usual provider right now
- Other [TEXT BOX]

Q18. Since your Healthy Michigan Plan insurance ended, have you had to change any of your providers? Yes/No

Q18a. If YES: Which providers? [open-ended; mark all mentioned]

- Primary care provider
- Specialist
- Mental health provider
- Dentist
- Other [TEXT BOX]

Q19. Since your Healthy Michigan Plan insurance ended, was there any time when you didn't get the health care you needed? Yes/No

Q19a. If YES: What type of care? [open-ended; mark all mentioned]

- Primary care visits
- Specialist visits
- Mental health
- Prescription medication
- Other [TEXT BOX]

Q19b. If YES: Why didn't you get the care you needed? [open-ended/mark all; loop Q19a types]

- Cost
- No insurance coverage
- Plan wouldn't cover services needed
- Couldn't find provider that took your insurance
- Problems getting appointment
- Transportation/logistics
- Other [TEXT BOX]

Q20. Since your Healthy Michigan Plan insurance ended, was there any time when you didn't get the dental care you needed? Yes/No

If Q20=YES: **Q20a.** Why didn't you get the care you needed? [open-ended; mark all mentioned]

- Dental plan wouldn't cover treatment/service
- Couldn't find provider that took your dental insurance
- Problems getting appointment
- Transportation/logistics
- Afraid of going to dentist
- Doesn't realize HMP covers dental at all
- Other [TEXT BOX]

Q21. Overall, how does the amount you currently pay for your health care in a typical month compare to what you were paying with your Healthy Michigan Plan insurance? Would you say: About the same/Less /A Little More /A lot more

Q22. Since your Healthy Michigan Plan insurance ended, have you had problems paying medical bills? Yes/No
IF Q22=YES: **Q22a** Since your Healthy Michigan insurance ended, have your problems paying medical bills gotten worse/stayed the same/gotten better?

These next few questions ask for your opinions about the Healthy Michigan Plan.

Q23. Tell me if you: Strongly agree/Agree/Are neutral/Disagree/Strongly disagree

- a) The amount I paid for the Healthy Michigan Plan seemed fair.
- b) The amount I paid for the Healthy Michigan Plan was affordable.
- c) I worry more about something bad happening to my health since my Healthy Michigan Plan insurance ended.

Q24. For these next questions, tell me if you: Strongly agree/Agree/Are neutral/Disagree/Strongly disagree

- a) [If CURRENTLY INSURED]: The amount I pay now for my health insurance seems fair.
- b) [If CURRENTLY INSURED]: The amount I pay now for my health insurance is affordable.
- c) Getting discounts on copays and premiums as a reward for working on improving your health is a good idea.
- d) Everyone should have to pay something for their health care.
- e) It is very important to me personally to have health insurance.
- f) People without health insurance need to worry a lot about being wiped out financially.

Q25. For these next few questions, I'm going to read some general statements about getting health care, and you tell me if you: Strongly agree/Agree/Are neutral/Disagree/Strongly disagree

- a) I'm often embarrassed to go see a doctor.
- b) Getting regular check-ups is not very important when you are healthy.
- c) Going to public or free clinics is just fine with me.
- d) Sometimes I go to the ER because I know they can't turn me away.
- e) Sometimes I go to the ER because I don't have another place to get care.
- f) Many people are treated poorly when they are applying for Medicaid.
- g) Doctors treat people on Medicaid the same as people with private insurance.
- h) Medicaid helps people get a "leg-up" when they really need it.
- i) Many people on Medicaid do not want other people to know.
- j) A lot of people in this country don't respect those on Medicaid.
- k) There should be a limit on how long someone can be covered by Medicaid.

For these next questions, you can just answer yes or no.

Q26. In the past 12 months, did you check how much you would pay for a doctor's visit, medication, or other health care service before you received care? Y/N/DK

If Q26=YES: **Q26a:** What type of health care was this for? (open ended; check all that apply)

- Doctor's visit
- Medication
- Lab test / imaging test
- Surgery or procedure
- Other [TEXT BOX]

Q27. In the past 12 months, did you compare quality ratings for any health care services at different places?

If Q27=YES: **Q27a:** What type of health care was this for? (open ended; check all that apply)

- Doctor's visit
- Medication
- Lab test / imaging test
- Surgery or procedure

Other [TEXT BOX]

(Q28 Removed from survey 3/10/2017)

Q29. In the past 12 months, did you ask a health care provider to recommend a less costly prescription drug?

Next we have just a few questions about you.

Q30. Are you currently in school? Yes/No

If YES: **Q30a1** Are you a full-time or part-time student? Full-time/Part-time

Q31. Are you currently employed or self-employed? Yes/No

If Q31=YES: **Q31a.** Are you working full time or part time? Full-time/Part-time

Q31b. In the past 12 months...about how many days did you miss work because of illness or injury (do not include maternity leave)?

Q31c. Have you changed jobs in the last 12 months? Y/N

If Q31=NO: **Q32a.** Are you out of work, unable to work, retired, or not looking for work at this time?

- 1 Out of work
- 2 Unable to work
- 3 Retired
- 4 Not looking for work at this time

Q32b. How long have you been [out of work/unable to work/retired]?

Less than one year / One year or more

[if unable] **Q32c.** Why are you unable to work?

Disabled / Poor health / Old age / Caregiving responsibilities / Other [TEXT BOX]

Notes: If Q30=YES, resp. should get Q33b, plus whatever employment questions are appropriate

If Q31c=YES, resp. should get Q33b, Q33c and Q33d

If Q31c=NO, resp. should get Q33a and Q33c

If OUT OF WORK (no matter how long), resp. should get Q33e

If UNABLE TO WORK **and** NOT IN SCHOOL, do not ask any of the Q33 questions

If RETIRED for **ONE YEAR OR MORE and** NOT IN SCHOOL, do not ask any of the Q33 questions

If NOT LOOKING FOR WORK (no matter how long), resp. should get Q33b

Q33. For the next questions, please answer Yes, No or Not applicable.

a: The Healthy Michigan Plan gave me insurance when I couldn't get insurance at my job.

b: Having the Healthy Michigan Plan helped me stay insured between jobs or between school and a job.

c: The Healthy Michigan Plan helped me do a better job at work.

d: The Healthy Michigan Plan helped me get a better job.

e: The Healthy Michigan Plan has made me better able to look for a job.

Q34. What is the highest grade of school you have completed, or the highest degree you have received? [open-ended / mark correct category]

- Less than high school
- High school graduate (or equivalent)
- Some college (1-4 years, no degree)
- Associate's degree (including occupational or academic degrees)
- Bachelor's degree (BA, BS, AB, etc.)
- A post graduate degree (MS, MSW, MPH, MD, JD, etc.)

Q35. Are you: Married Divorced Widowed Separated Partnered Never Married

Q36a. In the past 3 years, how many places have you lived for one week or longer – including where you live now? Would you say: 1 / 2 / 3 / 4 or more

Q36b. Have you been homeless at any time in the last 12 months? Yes/no

Q37. Would you like to add anything else about your experiences with the Healthy Michigan Plan? [TEXT BOX]

End of Survey/Contact Information:

ADDRESS2 That's the end of the survey. Can you please confirm your address so we can send your gift card? [AUTOFILL address] You should receive the gift card in 1-3 weeks at that address.

FOLLOWUPSURV We may be conducting a follow-up survey. Would you be willing to have us recontact you for that? We're just asking for contact information – you can decide at that time if you'd like to participate. Y/N

FOLLOWUPPHONE If YES: What is the best phone number to reach you? [Record new #]

FOLLOWUPTEXT Can this number get text messages? Yes/No

FOLLOWUPEMAIL Is there an email address we can use to contact you? Y/N [record If given]

INT99 Thanks so much for talking with me today! Look for your gift card in 1-3 weeks