

2004 Oregon EQRO Health Risk Health Status Survey Report of Results

Presented to the Oregon Department of Human Services, Health Services,
Office of Medical Assistance Programs

August 12, 2005

Presented by

OMPRO

A Healthcare Quality Resource

2020 SW Fourth Avenue, Suite 520

Portland, Oregon 97201-4960

Phone 503-279-0100

Fax 503-279-0190

2004 Oregon EQRO Health Risk Health Status Survey Report of Results

August 12, 2005

Presented to Oregon Department of Human Services, Health Services,
Office of Medical Assistance Programs

OMAP-EQRO-105570

Table of Contents

Executive Summary	1
Introduction	3
Background.....	3
Objectives and scope	3
Methodology.....	5
Sample.....	5
Survey development and administration	5
Data analysis	6
Weighting	7
Response rates and respondent characteristics.....	7
Data limitations.....	8
Results	9
Asthma.....	10
Prevalence of asthma	10
Asthma management.....	12
Provider counseling.....	14
Diabetes.....	16
Prevalence of diabetes.....	16
Self-management of diabetes	18
Receipt of services and instruction	20
Cardiovascular disease	22
Prevalence of CVD.....	22
Cholesterol.....	24
Hypertension.....	26
Smoking.....	28
Prevalence of smoking.....	28
Ask, advise, assist.....	28
Smokers with chronic disease	30
Previous smokers.....	30
Smoking cessation aids	32
Women's health.....	34
Oral health	34
Physical and mental health status.....	36
Access to health care	38
Personal healthcare provider	38
Getting needed care.....	38
Appointment as wanted.....	40
Usual place for health care	40
Conclusions.....	42
Acknowledgements	44
References	45
Appendix A. Weighted analyses, frequencies, and crosstabulations of survey response data.....	A-1
Appendix B. Unweighted frequencies	B-1
Appendix C. Weighting scheme.....	C-1

Index of Tables and Figures

Table 1. Key tasks during HRHS survey timeframe	6
Table 2. Top five reasons for quitting smoking	31
Table 3. Usual place of care for respondents	41
Figure 1. Percentage of respondents who have received an asthma diagnosis and percentage of respondents with current asthma in OHP population and general Oregon adult population	11
Figure 2. Frequency of symptoms during the past four weeks reported by respondents with asthma	13
Figure 3. Percentage of respondents with asthma reporting visits for worsening symptoms and for routine treatment in the past 12 months, by setting of care	13
Figure 4. Percentage of respondents with current asthma who have/have not received instruction from their healthcare provider on types of asthma care	15
Figure 5. Percentage of respondents with diabetes, by age of diagnosis	17
Figure 6. Frequency of diabetes self-care behaviors among adult OHP population and general adult Oregon population with diabetes	19
Figure 7. Percentage of respondents with diabetes reporting any level of difficulty with diabetes self-care	19
Figure 8. Percentage of respondents with diabetes who have/have not received information or do not understand information from provider about types of diabetes care	21
Figure 9. Percentage of respondents who have had a heart attack or stroke, by age group	23
Figure 10. Percentage of respondents who did/did not receive advice from their healthcare provider at their last visit about modifying diet and exercise to lower cholesterol levels.....	25
Figure 11. Percentage of respondents told by their provider that they have high blood pressure, by race/ethnicity.....	27
Figure 12. Smoking prevalence among OHP adult respondents.....	29
Figure 13. Percentage of respondents with selected chronic diseases who smoke	31
Figure 14. Percentage of current smokers who think that pharmacotherapy and cessation classes or groups are “very helpful” or “somewhat helpful”	33
Figure 15. Current smokers’ knowledge of smoking cessation services as a covered benefit	33
Figure 16. Timeframe of last dental visit for OHP Plus and OHP Standard respondents	35
Figure 17. Percentage of respondents who do/do not have someone they consider a personal healthcare provider, by race/ethnicity	39
Figure 18. Ability to get needed care in the past six months, by race/ethnicity	39
Figure 19. Percentage of respondents getting appointments as soon as wanted in the past six months, by race/ethnicity.....	41

Executive Summary

While several data sources are used to measure and monitor the burden of disease and behavioral risk factors on a national level, few data collection efforts are specific to Medicaid populations. Because Medicaid is the insurance safety net for low-income people and people with chronic and disabling conditions, the unique nature of this population requires separate study. In 2003, the Oregon Department of Human Services (DHS), Health Services, Office of Medical Assistance Programs (OMAP) contracted with OMPRO to assist in administering a survey to measure the health status and behavioral risks of adult Oregon Health Plan (OHP) clients.

OMPRO, in partnership with OMAP and other DHS programs (see the Acknowledgements), adapted and expanded upon existing survey instruments to enable comparison with state and national data. The survey, conducted in English and Spanish from August through October 2004, sought information regarding health risk behaviors, clinical preventive health practices, and healthcare access, primarily related to chronic disease. Major findings of this study are summarized below.

Analysis of survey results showed some notable differences between the OHP adult population and the general adult population in Oregon.

- OHP respondents with diabetes check their blood sugar more often than the general Oregon adult population and perform daily foot checks just as often.
- OHP respondents report nearly double the rate of current asthma and experience more frequent symptoms compared with the general adult population in Oregon.
- OHP respondents report nearly double the prevalence of diabetes reported among general adult Oregonians.

Most OHP respondents with chronic diseases report receiving instruction from providers on self-management issues.

- More than three-quarters of OHP clients report receiving instruction from their healthcare providers about avoiding asthma triggers, and roughly two-thirds have received instruction about recognizing early signs of asthma.
- Two-thirds of OHP clients with diabetes report receiving instruction on foot care and on exercise.
- A small majority of respondents with high cholesterol report receiving information from their providers about dietary changes and exercise.

Diabetes care appears to be well-managed by OHP respondents and their providers; asthma management may be more difficult.

Chronic disease prevalence and management

- Most OHP respondents with diabetes report ease with self-management, including blood sugar testing, medication management, and foot care. Getting regular exercise and following an eating plan are more difficult self-management areas.
- Most OHP respondents with asthma recall receiving information from their providers on self-care; however, approximately 20 percent of respondents with asthma have sought care in the ED, and 30 percent have sought urgent care for worsening symptoms.

Smoking

Smoking prevalence remains higher among the OHP adult population than among the general adult population in Oregon.

- OHP respondents smoke at double the rate (42 percent) of general Oregon adults (20 percent).
- OHP respondents with select chronic diseases smoke in the same proportions as in the general OHP population.

Future smoking cessation efforts may want to focus on increasing awareness of the benefit, specifically behavioral programs.

- Many OHP respondents are not aware of various smoking cessation services as a covered benefit.
- OHP respondents, including past and current smokers, generally perceive nicotine substitution medications to be more helpful than cessation classes or programs.

Access to care

- The vast majority of OHP clients report having a personal healthcare provider, receiving medical care when needed, and getting timely appointments.
- With little exception, respondents with diabetes are receiving needed health care from their providers.
- Female OHP clients are receiving needed preventive services in similar percentages to all female adults in Oregon.

Introduction

In 2003, the Oregon Department of Human Services (DHS), Health Services, Office of Medical Assistance Programs (OMAP) contracted with OMPRO to assist in administering a survey to measure the health risk and health status of adult Oregon Health Plan (OHP) clients. OMPRO subcontracted with Gilmore Research Group to administer the survey.

OMPRO incorporated a composite of existing surveys and new questions to develop a unique survey tool to assess the health risks and health status of adult OHP clients. OMAP staff and staff of the DHS Health Services, Office of Disease Prevention and Epidemiology, Health Promotion and Chronic Disease Prevention Program assisted with survey planning and design. The telephone survey, conducted in English and Spanish from August through October 2004, sought information regarding health risk behaviors, clinical preventive health practices, and healthcare access, mainly related to chronic disease. The sampling and data collection procedures for the survey

- are designed to capture accurate and complete information about respondents' experiences with their health care and perceptions about their health
- promote both the standardized administration of the survey instrument and the comparability of the resulting data to available BRFSS data

The purpose of the Health Risk Health Status (HRHS) survey is to provide timely information to OMAP and the OHP managed care health plans on the OHP population's health status and on behaviors that affect health.

Specific objectives included comparing the health risk and health status

- of managed care and fee-for-service (FFS) OHP enrollees
- of the OHP Standard and OHP Plus populations
- across the racial and ethnic categories represented in the OHP population
- across age groups, gender, and residence location
- of OHP clients and the general adult population in Oregon

Another key objective is to inform the state and fully capitated health plans about the prevalence and management of specific chronic diseases in the OHP population, especially diabetes and asthma. OMAP and the health plans will use this information to plan, implement, and evaluate quality improvement interventions.

Background

Objectives and scope

[This page intentionally left blank.]

Methodology

The population from which the sample was drawn included adults (age 18 or older as of July 1, 2003) enrolled in OHP at least 137 days during the period from July 1, 2003–June 30, 2004. Enrollment did not have to be continuous. Clients enrolled in the Citizen/Alien-Waived Emergent Medical (CAWEM) program as of July 1, 2004, were excluded. A random sample was pulled, stratifying by six race/ethnicity categories: White, African American, Hispanic, Native American, Asian, and Other.¹

A total of 11,921 adult enrollees were eligible to be surveyed.² While the sample was stratified by race/ethnicity to obtain a sufficient number of members within each group, the results are also valuable to facilitate comparison across other subgroups, such as age and gender, within the OHP population.

The HRHS survey instrument draws from widely accepted data collection tools, including the U.S. Centers for Disease Control and Prevention's Behavioral Risk Factor Surveillance System (BRFSS)³ survey and the Short Form-12 (SF-12) questionnaire, a validated instrument for measuring physical and mental functional health status. BRFSS is a standardized survey tool used to collect uniform, state-level data on preventive health practices and risk behaviors that are linked to chronic diseases, injuries, and preventable infectious disease in the U.S. population. The HRHS survey comprises some core BRFSS questions, questions that the Oregon DHS has added to the core set of questions in the past, and the SF-12 instrument. The CD accompanying this report presents the survey questionnaire in both English and Spanish.

The English-language questionnaire was fully programmed into the Computer Assisted Telephone Interviewing (CATI) system by Gilmore Research Group. The survey was pre-tested to validate questionnaire formatting, confirm logistical clarity, identify any interviewing errors, and estimate the duration of the telephone survey. In conducting the survey, Gilmore Research followed the BRFSS calling protocol.

The entire survey fielding process ran from August 19, 2004–October 18, 2004. Administration of the Spanish-language survey began later than the English-language survey, as it was discovered about two weeks into fielding that language barriers for Spanish-speaking clients accounted for a significant proportion of nonrespondents. Table 1 shows the timing of key tasks during the survey period.

Sample

Survey development and administration

Table 1. Key tasks during HRHS survey timeframe.

Date	Task
August 19, 2004	Pre-test English language CATI
August 23, 2004	English language CATI administration initiated with full calling schedule
September 22, 2004	Notification postcards in English mailed to non-respondents with disconnected or incorrect phone numbers
October 6, 2004	Spanish CATI administration initiated
October 18, 2004	English and Spanish CATI administration completed

Data analysis

OMPRO performed analyses using descriptive and inferential statistical tests across demographic groups (age, sex, race/ethnicity, urban/rural residence) and by OHP enrollment category (FFS and managed care) and benefit package (OHP Plus and OHP Standard). Medicare dually enrolled individuals were excluded from the analysis.⁴ The analysis examined the responses from the questions related to

- asthma
- diabetes
- cardiovascular disease
- tobacco use
- oral health
- women's health
- physical and mental health functioning
- access to health care

SAS[®] and SUDAAN[®] were used in the analyses to account for the complex sampling design and to calculate the standard errors and 95 percent confidence intervals. Frequencies and chi-square tests for n-independent samples were used to evaluate statistically significant differences among OHP client subgroups. The analysis detected statistically significant variation in responses to certain survey questions. The Results section of this report discusses noteworthy differences. Appendix A presents crosstabulations and corresponding p-values for questions where statistically significant variation was found. Appendix B presents the actual unweighted counts of responses to each question.

The SF-12 was scored by norm-based methods.⁵ Physical and mental regression weights and a constant for both measures came from the general U.S. population. Both the physical component summary (PCS-12) and mental component summary (MCS-12) scores were transformed to have a mean of 50 and a standard deviation of 10 in the general U.S. population. The PCS scale is based on SF-12 items covering physical limitations, role functioning, pain, and general health status. The MCS scale is based on items on emotional problems, role functioning, and mood.

If the data were used without weights, each record would count the same as any other record. Implicit in such use are the assumptions that each record has an equal selection probability and that nonresponse is equal among all segments of the population. When deviations from these assumptions are substantial enough to affect the results obtained from a data set, weighting each record appropriately can adjust for selection probability and nonresponse.

Weighting

An additional reason for weighting is to make the total number of cases equal to a certain desired number—for this survey, the eligible adult OHP population from which the sample was drawn. Poststratification serves as a blanket adjustment for nonresponse and forces the total number of cases to equal population estimates.

The survey data were weighted to reflect the eligible adult OHP population from which the sample was drawn. SUDAAN software was used to account for the race/ethnicity, age, and gender of the sample population. Table C-1 in Appendix C displays the weights assigned to each record based on race/ethnicity, gender, and age group.

Of the sample of 11,921 adult OHP enrollees selected, 2,995 responded to the survey. The response rate, adjusted for 2,442 nonworking or disconnected telephone numbers, business numbers, or fax/modem numbers, was 28.1 percent. Apart from refusals to answer all survey questions, some enrollees in the sample could not be interviewed because they

Response rates and respondent characteristics

- no longer resided at the phone number
- could not communicate because of a language barrier
- had health issues that prevented participation
- were deceased

Generally, response rates differed relatively little by demographic group, except for underresponse by Asian clients, most likely due to language barriers.

For this study, the final analytic file used 2,278 surveys. The analysis excluded surveys without responses to at least one set of questions and surveys whose respondents were over age 65 or who were administratively disqualified from the OHP.

Data limitations

Several limitations apply to the study findings. First, responses reported in this study were derived from self-reported surveys, which present a potential bias. Retrospective self-reported responses are vulnerable to memory bias; that is, respondents may find it difficult to recall events that occurred a long time ago or the frequency of certain behaviors. In addition, for risky behaviors such as tobacco use, self-reports may result in underestimates of prevalence. However, steps were taken to reduce such bias, including limiting recall periods and using nationally used survey questions.

Other limitations are related to nonresponse bias. While the sample was stratified to obtain a sufficient number of respondents within racial and ethnic categories, language barriers precluded those with limited proficiency in either English or Spanish from participating. This particularly affected participation by Asians.⁶ However, poststratification weighting serves to adjust for nonresponse and produce results that are generalizable to the OHP population as a whole.

Another limitation is that people without residential phone numbers were excluded from the eligible sample. Not having a residential phone number is not uncommon for Medicaid populations, who on average are more transient and of lower socioeconomic status. The analysis did not adjust for the effects of excluding this subpopulation.

Results

This section of the survey report summarizes major findings in each area targeted by the survey. The tables in Appendix A report the unweighted frequencies and crosstabulations of survey responses; the tables in Appendix B report the raw, unweighted response frequencies.

Asthma

According to the National Asthma Education and Prevention Program, asthma is a readily treatable chronic disease that can be managed effectively in the outpatient setting.⁷ However, uncontrolled asthma can lead to higher utilization of healthcare services, lost productivity, lower quality of life and functional status, and death.

Currently, the annual rate of hospitalization for asthma in Oregon is 7.0 per 10,000 people.⁸ Among all Oregonians, rates of hospitalization are highest in young children and in older adults. Studies have shown that higher rates of hospitalization due to asthma are associated with lower household income and lack of health insurance. African Americans consistently have been shown to have higher asthma admission rates, even when controlling for income and age.⁹ Race has been shown to be associated with differences in admission rates; however, it is not clear whether this is due to differences in severity of disease, inadequate access to care, or environmental or self-care factors.

Prevalence of asthma

The prevalence of asthma has been increasing over the past 20 years, especially among children.¹⁰ The 2003 BRFSS survey estimated that 9.3 percent of adult Oregonians currently have asthma.¹¹ Within the general population, asthma affects females more than males, children more than adults, and African Americans disproportionately.¹²

HRHS survey respondents were asked whether they ever had been told by a health professional that they had asthma. The percentage who reported a diagnosis of asthma appears to be much higher among adult OHP clients than among Oregon adults generally. Slightly more than 25 percent of all survey respondents stated that they had been told by their health professional that they have asthma; the 2003 BRFSS found that 14.8 percent of adult Oregonians had been diagnosed.

Asthma was diagnosed more often in females than in males (29.6 percent and 18.5 percent, respectively). The gender gap within the general adult Oregon population is not as large. Also, a higher percentage of managed care respondents than of FFS respondents to the HRHS survey had been diagnosed with asthma (28.9 percent and 20.5 percent, respectively).

To estimate current asthma prevalence, respondents who indicated that they had been diagnosed with asthma were asked whether they still have asthma (discussed as “current asthma” from this point forward).¹³ Almost three-quarters of respondents who had been diagnosed reported still having asthma (72.2 percent). Of all OHP survey respondents, 18.6 percent reported having been diagnosed and still suffering from asthma, compared with 9.3 percent of all adults in Oregon (see Figure 1).

The self-reported prevalence by OHP respondents is higher than the estimates from the 1999 Medicaid BRFSS, which found that 15.1 percent of Medicaid respondents in Oregon have “active asthma.”¹⁴ However, the two prevalence rates are not directly comparable due to different definitions of current asthma. More than one-third of the adult respondents with current asthma had been diagnosed before age 18.

Of those with a diagnosis, older respondents reported more often than their younger counterparts that they still have asthma. More than 75 percent of respondents over age 35 who had been diagnosed with asthma indicated currently having asthma, compared to 62.8 percent of 25- to 34-year-olds and 56.7 percent of 19- to 24-year-olds. Similarly, among those diagnosed with asthma, OHP Plus respondents reported current asthma more often than did OHP Standard respondents (80.0 percent and 57.1 percent, respectively). Rural residents diagnosed with asthma reported still having asthma in higher percentages than did urban residents (79.3 percent vs. 66.6, respectively).

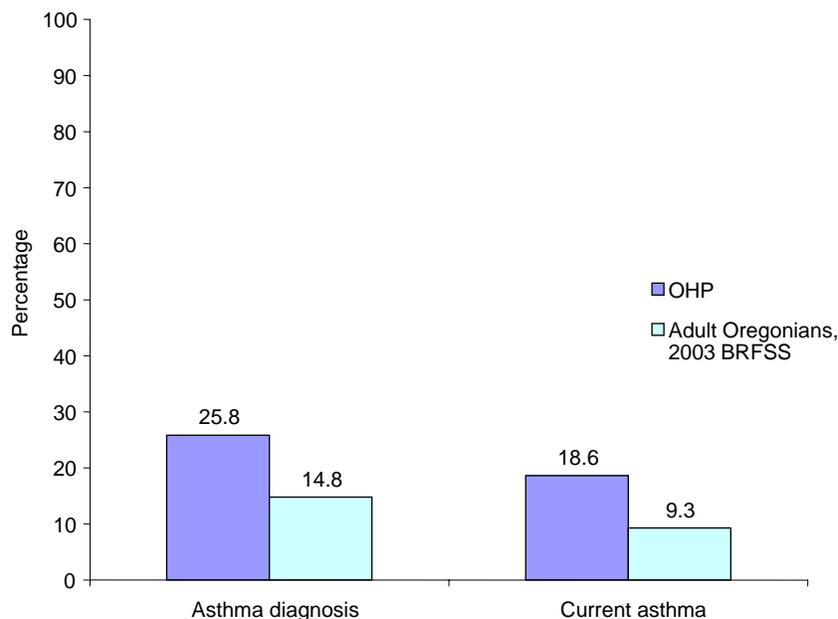


Figure 1. Percentage of respondents who have received an asthma diagnosis and percentage of respondents with current asthma in OHP population and general Oregon adult population.

Asthma management HRHS survey respondents were asked about various symptoms as indicators of the extent to which their asthma is controlled. The findings reveal that a high percentage of patients are experiencing daily symptoms and frequent interference with normal activities, indicating moderate to high severity of disease with poor control—of particular concern, given that each of these respondents report having had an encounter with a provider in which they received a diagnosis of asthma. In contrast, a recent study of medical records by OMPRO showed that a majority of OHP members with asthma were reported as having been receiving asthma medications.¹⁵ Neither of these studies assessed whether subjects were taking their medications or were using them appropriately, though a majority of HRHS respondents indicate having received instruction on asthma management from their providers.

Most respondents with current asthma reported having asthma symptoms in the previous four weeks (84.7 percent). Figure 2 shows the frequency of symptoms reported by those with current asthma. Almost 40 percent reported asthma symptoms every day in the past four weeks, and a slightly lower percentage reported symptoms at least once per week (37.7 percent). More than one-half stated that symptoms of asthma had made it difficult for them to sleep in the past four weeks; 16.2 percent reported more than 10 days in which asthma interfered with sleeping. Almost two-thirds of respondents said that asthma limits their usual activities. Further, 5.7 percent of those with asthma reported 15 or more days in the past three months in which they had missed days of work, school, or other daily activities because of their asthma.

Almost 50 percent had seen their provider in the past 12 months for routine treatment or evaluation of asthma. One-third said they had seen their healthcare provider for urgent treatment of worsening asthma symptoms (32.2 percent) in the past 12 months, and 20 percent of respondents with current asthma stated that they had visited an emergency room (ER) or urgent care center in the past 12 months because of asthma. Figure 3 shows the frequency of visits to each care setting by respondents with asthma.

Certain subpopulations reported greater use of the ER for worsening asthma symptoms. FFS respondents with current asthma were more frequent users of the ER or urgent care center for worsening asthma symptoms than were managed care respondents; 12.2 percent of FFS respondents with current asthma reported visiting the ER more than twice, compared to 7.8 percent of managed care respondents with current asthma. Lack of continuous care among FFS enrollees with asthma may be one explanation for greater use of the ER. An earlier study of ER utilization showed that asthma accounted for the greatest proportion of emergent but potentially preventable visits.¹⁶ These encounters offer opportunities to follow up with evidence-based care and self-management instruction.

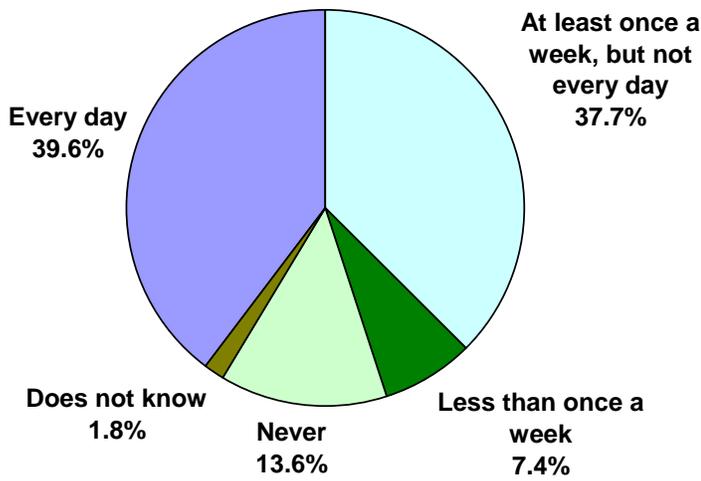


Figure 2. Frequency of symptoms during the past four weeks reported by respondents with asthma.

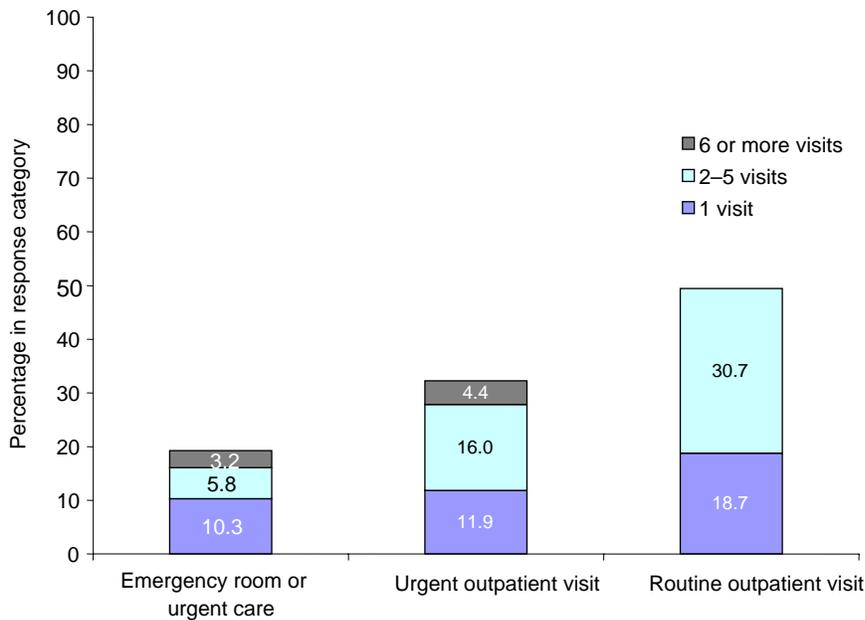


Figure 3. Percentage of respondents with asthma reporting visits for worsening symptoms and for routine treatment in the past 12 months, by setting of care.

Age seems to be associated with control of asthma. Respondents aged 25–34 with current asthma sought care in the ER most often, with 42.5 percent reporting at least one visit in the past 12 months. However, respondents aged 55–64 with current asthma, if they visited the ER, tended to have made multiple visits within the past 12 months; 14.5 percent reported two to six ER visits in that period, and 21.1 percent had made two to six visits to their provider for worsening symptoms. Similarly, urban residents sought urgent care for worsening symptoms in the ER or from their provider more often than did rural residents. One study comparing urban and rural children’s utilization of asthma care found that urban children were almost three times as likely as rural children to receive asthma care in the ER.¹⁷

There are several limitations to interpreting this data. Respondents who were diagnosed with asthma but did not report still having asthma were not asked about their experience with symptoms. People with asthma, with or without a previous diagnosis, may experience symptoms of asthma that they do not attribute to the disease. Asking these questions of the population may provide a better picture of true asthma prevalence, though some of the symptoms may have their causes in other conditions. Additionally, the status of “still hav[ing] asthma” is open to interpretation by the respondents and not necessarily predicated on having current symptoms. In addition, asking people if they still have asthma furthers the misconception that asthma is curable, whereas it is a chronic condition that needs to be managed over time.

Provider counseling

National guidelines for asthma emphasize the importance of self-care education.¹⁸ At all follow-up visits, the physician should review the patient’s medication use and individualized asthma management plan, including self-monitoring records. Also at each visit, the healthcare provider should assess the patient’s self-management skills, including correct technique for use of inhalers, spacers, and peak flow meters, as applicable. All patients should have access to and be instructed in the use of devices needed to administer medication or monitor their asthma.

Most respondents with current asthma said they had received written instruction from their provider about proper use of medications (87.2 percent). More than three-quarters of respondents with asthma had received information on avoidance of asthma triggers (76.8 percent), but fewer recalled receiving information from their provider on symptom recognition (64.0 percent). Symptom recognition is essential if patients with asthma are to use rescue medications properly or to know when to inform their providers that their asthma may be worsening.

The implications of these self-reported data are complex. Providers may be informing patients about asthma care and management, but the patients may not be absorbing or understanding the information for reasons related to the modality of instruction, use of culturally appropriate information, or tailoring the information to appropriate comprehension levels.

Figure 4 shows that for the most part, respondents with asthma recall receiving education from providers on avoiding asthma triggers, recognizing symptoms, and using medications.

Other potential associations with asthma include obesity and exercise, depression, environmental factors, and smoking. This report does not examine the prevalence of these conditions among respondents with asthma, except for smoking. For survey findings of the rate of smoking among respondents with asthma and other chronic diseases, see Figure 13 on page 31.

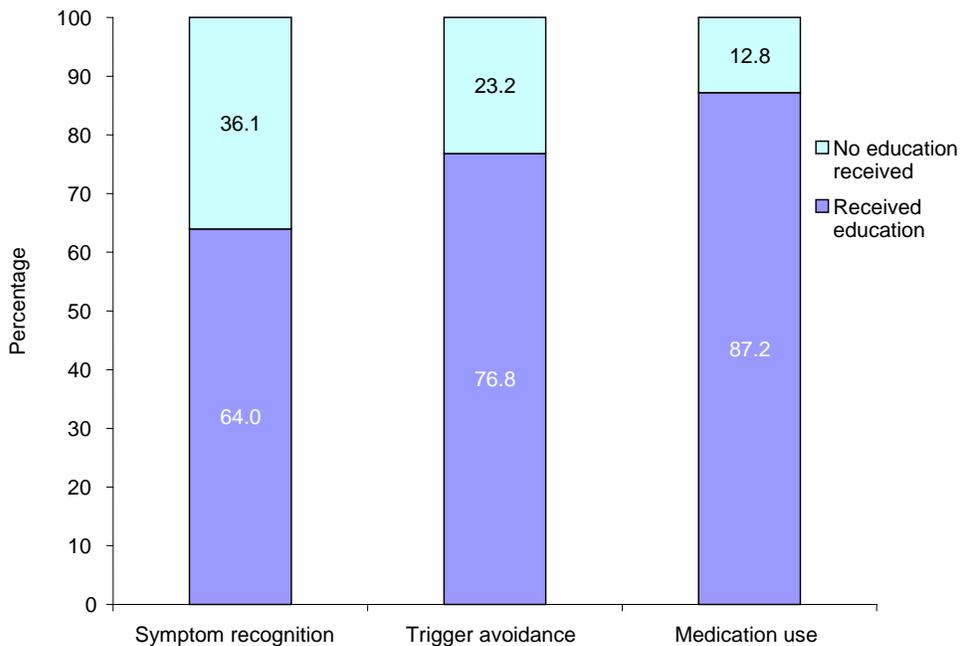


Figure 4. Percentage of respondents with current asthma who have/have not received instruction from their healthcare provider on types of asthma care.

Diabetes

Diabetes is one of the most prevalent and costly chronic conditions in the United States, and its prevalence is increasing.¹⁹ Currently, an estimated 18.2 million people—6.3 percent of the U.S. population—have diabetes. When measuring the prevalence of diabetes in the adult population (20 years or older), the rate jumps to 8.7 percent. Both Hispanics and African Americans are at least 1.5 times more likely to have diabetes than non-Hispanic Whites.²⁰ In Oregon, the prevalence of diabetes has increased by more than 50 percent over the past 10 years, from less than 4 percent to 6 percent.²¹ The prevalence of diabetes in Oregonians aged 55–64 is more than 10 percent.²²

Of additional concern is the link between obesity and diabetes. Being obese predisposes one to developing type 2 diabetes, and 80 percent of people with diabetes are considered overweight or obese. Gaining 11 to 18 pounds increases a person's risk of developing type 2 diabetes to twice that of a person who has not gained weight.²³ In Oregon, obesity is particular concern as more than one-half (58 percent) of adult Oregonians in 2003 were obese or overweight, and between 1990 and 2003, obesity among adult Oregonians increased by 96 percent.²⁴

Evidence indicates that not all people with diabetes are receiving proper treatment. For example, among Oregon's general adult population, slightly more than 80 percent of people with diabetes received a cholesterol test in the past year, and less than 40 percent received a hemoglobin A1c (HbA1c) test as recommended in the National Guidelines.²⁵ People who receive optimal treatment for their diabetes manage their condition better and live longer than those who do not receive such treatment.²⁶ In addition, ensuring quality diabetes care can save money for healthcare organizations and society at large by slowing the process of diabetes-related complications such as kidney failure, blindness, and amputations.

Prevalence of diabetes

HRHS survey respondents were asked whether they had ever been told they had diabetes. Nearly 12 percent of respondents reported having diabetes (11.6 percent), almost double the self-reported prevalence within the state's general adult population (6.3 percent according to 2003 BRFSS data) and consistent with the 1999 Medicaid BRFSS results (11.1 percent). A recent study of diabetes care using OMAP administrative, claims, and encounter data identified a similar prevalence of diabetes—12.6 percent among adult OHP members.²⁷

As expected, diabetes prevalence increases with successive age categories; nearly 30 percent of 55- to 64-year-olds report being diagnosed. Figure 5 shows that more than one-quarter of the adult respondents with diabetes were diagnosed as young adults or children.

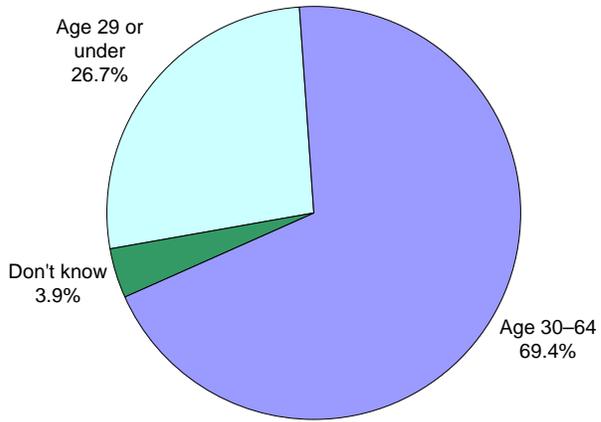


Figure 5. Percentage of respondents with diabetes, by age of diagnosis.

Self-management of diabetes

Several survey questions addressed the self-management of diabetes among respondents. Whereas some people with diabetes take only insulin to control their condition, others take both pills and insulin. Fewer than one-half of the HRHS respondents with diabetes (43.9 percent) said they take insulin, while 63.6 percent said they take pills to lower their blood sugar. Four out of five respondents who take insulin are on OHP Plus.

Figure 6 compares adult OHP clients to the overall adult Oregon population with regard to self-care behaviors. Most respondents with diabetes said they test their blood sugar at least once per day (81.4 percent, compared to 57.7 percent of all adult Oregonians with diabetes). Foot checks on a daily basis were reported less often than blood checks. Just over two-thirds check their feet at least daily, and 10.5 percent never check their feet. These findings are better than expected, given that they were not adjusted for insulin dependence, that OHP enrollees may face more barriers to self-management, and that the results comparably favorably to the general adult population. More OHP Plus enrollees reported checking their blood sugar at least daily than did OHP Standard enrollees, which would be expected if there are more insulin-dependent respondents within the OHP Plus population.

A majority (73.4 percent) of respondents with diabetes said they had attended a diabetes education session, and 43.6 percent said they had attended a session within the past 12 months. Most respondents are checking their feet for wounds and sores, taking medications, and testing blood glucose without any difficulty. However, a large proportion of respondents with diabetes are not faring as well with the difficult issues of exercise and diet. Figure 7 shows the various types of self-management and levels of difficulty that respondents expressed with each.²⁸

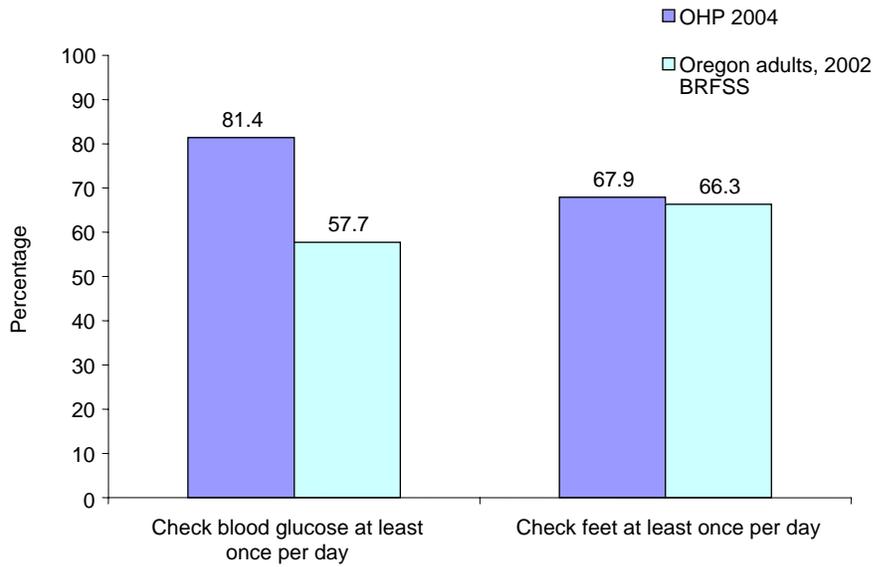


Figure 6. Frequency of diabetes self-care behaviors among adult OHP population and general adult Oregon population with diabetes.

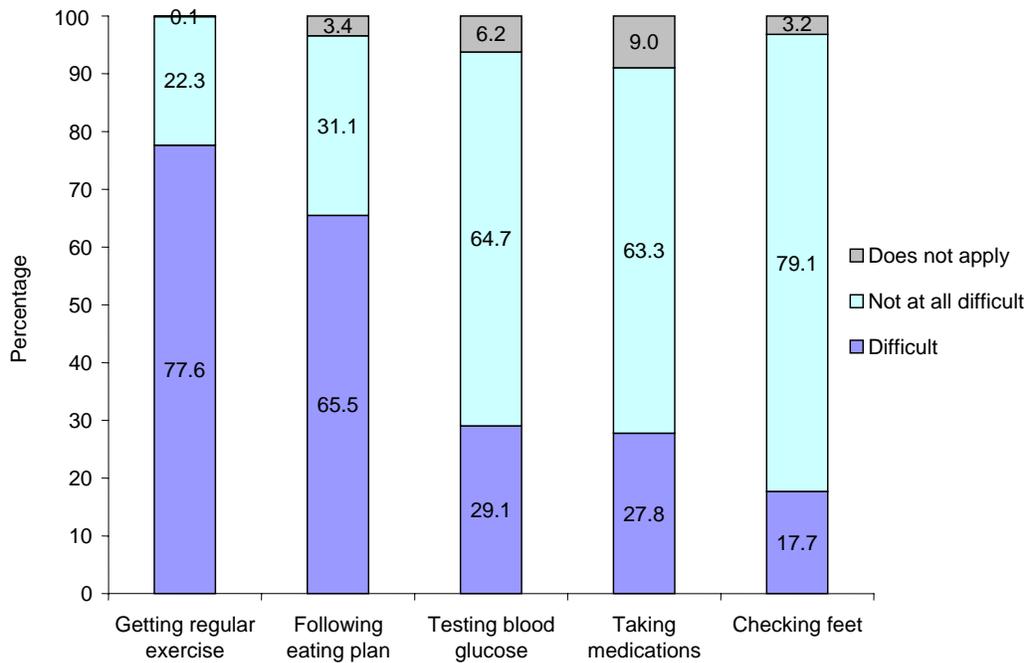


Figure 7. Percentage of respondents with diabetes reporting any level of difficulty with diabetes self-care.

Receipt of services and instruction

The National Guidelines recommend that a person with diabetes have at least one, ideally two, healthcare visits within a 12-month span.²⁹ More visits may be warranted depending on a person's level of control of, and complications related to, his or her diabetes. A high percentage of OHP enrollees with diabetes are seeing healthcare professionals regarding their condition. Only 10.9 percent of respondents reported not seeing a healthcare professional in the past year for their diabetes; 64.9 percent stated they had had at least four diabetes-related visits over the past year.

The National Guidelines also suggest HbA1c tests one or two times per year if one's blood glucose is stable, and quarterly tests if treatment changes or is not meeting goals. Of respondents with diabetes who had at least one visit for their diabetes, 90.4 percent had had a health professional check their HbA1c in the past 12 months. Similarly, 88.3 percent had had a health professional test the feeling in their feet and lower legs, which is recommended with every diabetes-related visit. The guidelines also recommend annual dilated-eye exams³⁰; 67.7 percent of respondents with diabetes said they had had a retinal exam during the past 12 months.

Most respondents received instructions from their providers on caring for their diabetes. Figure 8 shows that nearly all respondents with diabetes received instructions on blood sugar testing (84.8 percent), medication use (86.0 percent), and the long-term consequences of diabetes (92.7 percent). A small percentage of respondents reported that they did not receive instruction and even fewer that they still were confused about those instructions. Some of the more difficult lifestyle changes to make, like adjusting diets and getting exercise, were areas where HRHS respondents were less likely to say they received instruction.

As with asthma instruction, providers may be informing patients about diabetes care and management, but the patients may not be absorbing or understanding the information for various reasons. Disease management, group visits, and formalized diabetes education programs are potential methods for addressing these knowledge deficits and reinforcing instructions over time.

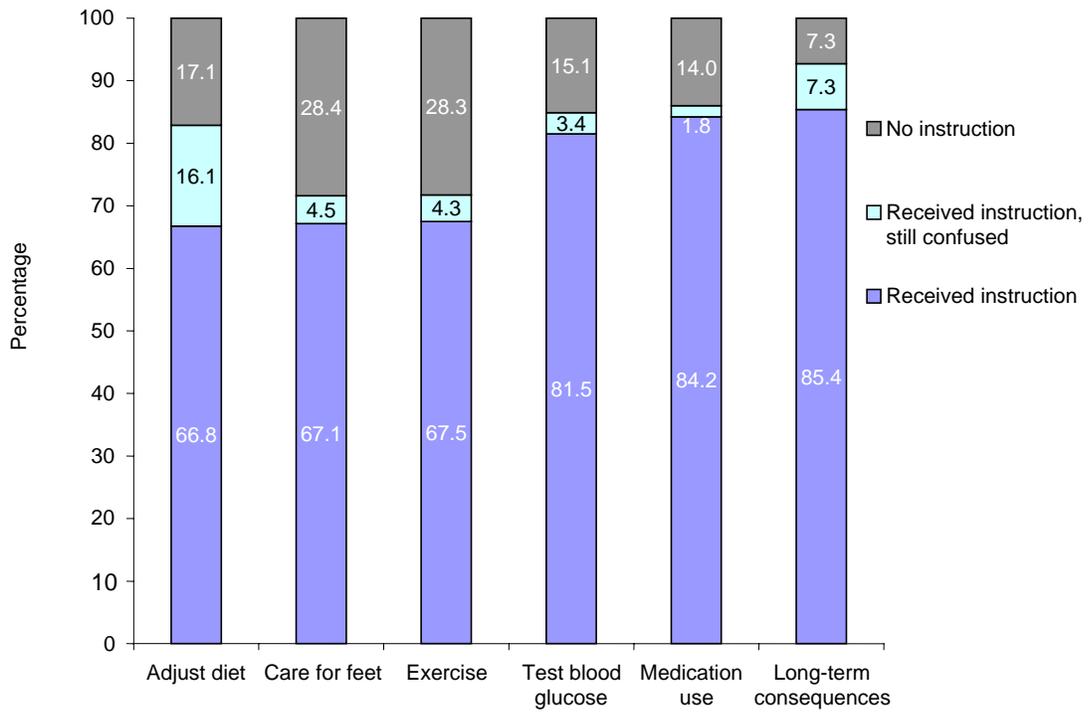


Figure 8. Percentage of respondents with diabetes who have/have not received information or do not understand information from provider about types of diabetes care.

Cardiovascular disease

Cardiovascular disease (CVD) is the leading cause of death in Oregon and in the rest of the United States. In 2000, heart disease and stroke together accounted for 9,671 deaths in Oregon, or 33 percent of all deaths.³¹ In 2001, Oregon recorded 50,423 hospitalizations for CVD, at an estimated cost of \$782 million.³² Over the past 50 years, research into the causes of heart disease has shown that many people can reduce the risk of a heart attack by making lifestyle changes and taking medication. In addition, treating high blood pressure reduces the risk of stroke and congestive heart failure. Angina, congestive heart failure, and hypertension are common cardiovascular conditions for which good outpatient care can prevent the need for hospitalization, or for which early intervention can prevent complications or more severe disease.

Prevalence of CVD

Several survey questions addressed the prevalence of events indicating CVD, including heart attack, stroke, and angina. The percentages of respondents reporting heart attack, stroke, or angina were roughly equal at around 5 percent each. The experience of cardiac events is higher among HRHS respondents than among Oregon adults in general, even though the HRHS survey excluded enrollees over age 65 (those most likely to have these events or conditions), whereas the statistics of the general adult population included those 65 and older. Among Oregon adults in general, heart attacks were experienced by 4 percent; stroke, by 2.7 percent; and angina, by 4.4 percent (BRFSS 2003).

Reported heart attacks and strokes increased with age (see Figure 9). Among respondents 55–64 years old, one in five have had a heart attack, and one in six, a stroke. In the aggregate, respondents from rural areas reported heart attacks twice as often as did their urban counterparts. There were no discernible differences in the prevalence of strokes, heart attack, or angina by gender or by race/ethnicity.

Among respondents who reported having experienced these events, roughly one-third said they had sought care in the ER in the past 12 months for a heart attack, 36.6 percent for angina, and 25.4 percent for a stroke.

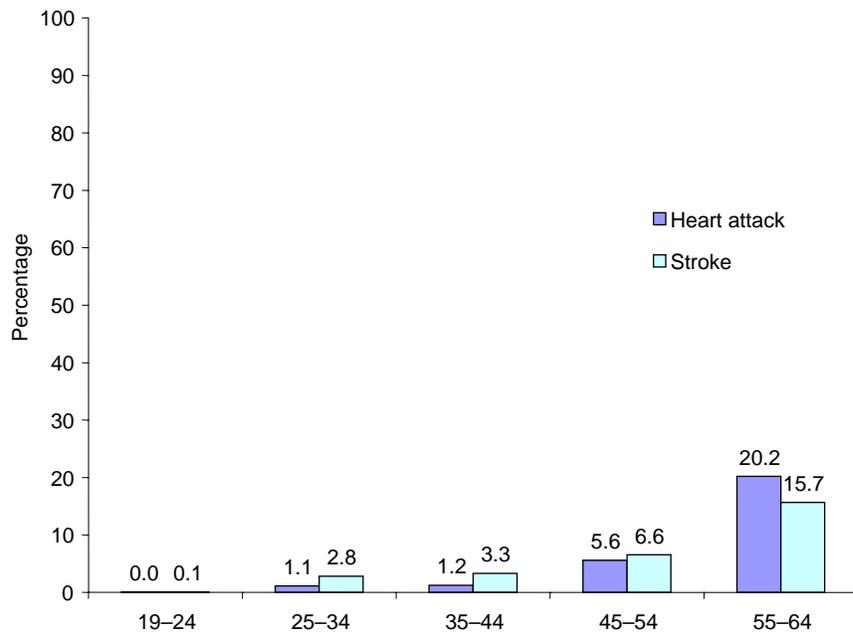


Figure 9. Percentage of respondents who have had a heart attack or stroke, by age group.

Cholesterol

Regardless of current health status, a person can take actions to prevent heart disease or complication of a heart condition. The major risk factors for CVD include being overweight and obese, physical inactivity, tobacco use, high blood pressure, elevated blood cholesterol, and diabetes mellitus.

The survey asked about having one's cholesterol tested and about interventions to control high cholesterol. Two-thirds of all respondents said they had had their cholesterol checked; nearly all had had a test within the past five years. Of those who had had their cholesterol tested, 38.3 percent reported being told that their cholesterol was high. In line with national trends, older respondents reported high cholesterol with greater frequency than younger respondents; more than one-half of 55- to 64-year-olds reported having high cholesterol (54.3 percent).³³

More than one-half of respondents with high cholesterol reported receiving advice at their last visit about decreasing the intake of fatty foods (56.2 percent) and about exercise (54.8 percent), whereas 44.8 percent had been prescribed medication to reduce cholesterol levels (see Figure 10).

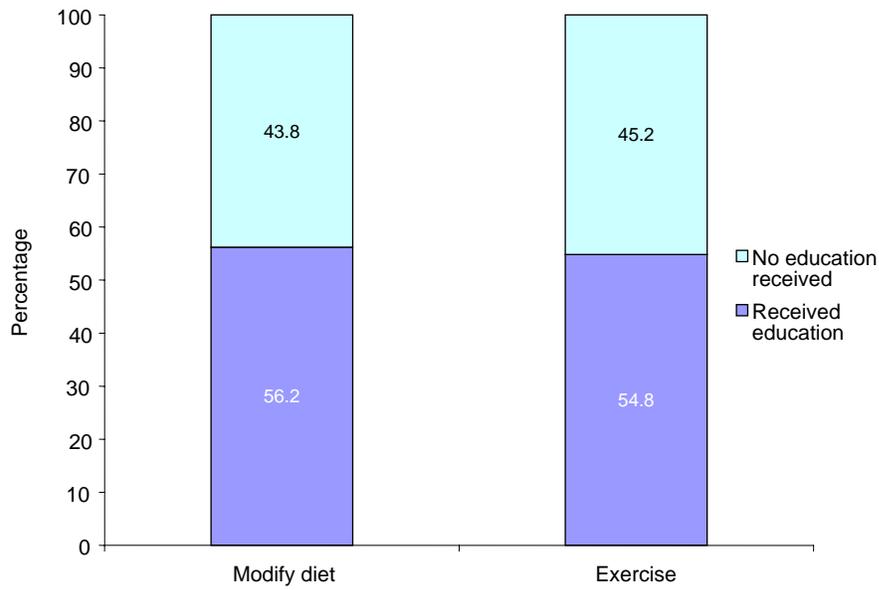


Figure 10. Percentage of respondents who did/did not receive advice from their healthcare provider at their last visit about modifying diet and exercise to lower cholesterol levels.

Hypertension

Slightly more than one-quarter of all respondents said they had been told that their blood pressure was high (27.9 percent), which is slightly higher than the 2003 average for adult Oregonians and the nation (24.0 percent and 24.8 percent, respectively). As with high cholesterol, the prevalence of high blood pressure increases in successively older age groups, with 60.2 percent of respondents aged 55–64 reporting high blood pressure.

Differences also appear among racial and ethnic categories (see Figure 11). These results are generally in line with national trends, except for responses by Asians. The 35.5 percent of Asian survey respondents who reported that they were aware of having hypertension is particularly high compared to national estimates. Nationally, African Americans suffer disproportionately from high blood pressure, with rates as high as 41.8 percent for males, whereas Asians are at the other end of the scale, with a rate of 16.7 percent. Approximately one-third of White males and females have high blood pressure (30.6 percent and 31.0 percent, respectively).³⁴

Because knowledge of one's hypertension depends on screening for blood pressure, the results from this survey most likely underestimate actual prevalence. According to the American Heart Association, nearly one in three U.S. adults has high blood pressure, but almost one-third of those with high blood pressure do not know they have it.³⁵ For example, hypertension among Hispanics, particularly, may be underestimated as a result of lower levels of screening within this ethnic group compared to other groups.³⁶ In addition, data from the National Health and Nutrition Examination Surveys found low levels of awareness and inadequate measurement of hypertension. Underdiagnosis and undertreatment of hypertension are serious concerns, as hypertension is linked to other risk factors of heart disease, including elevated cholesterol levels, obesity, diabetes mellitus, and smoking.

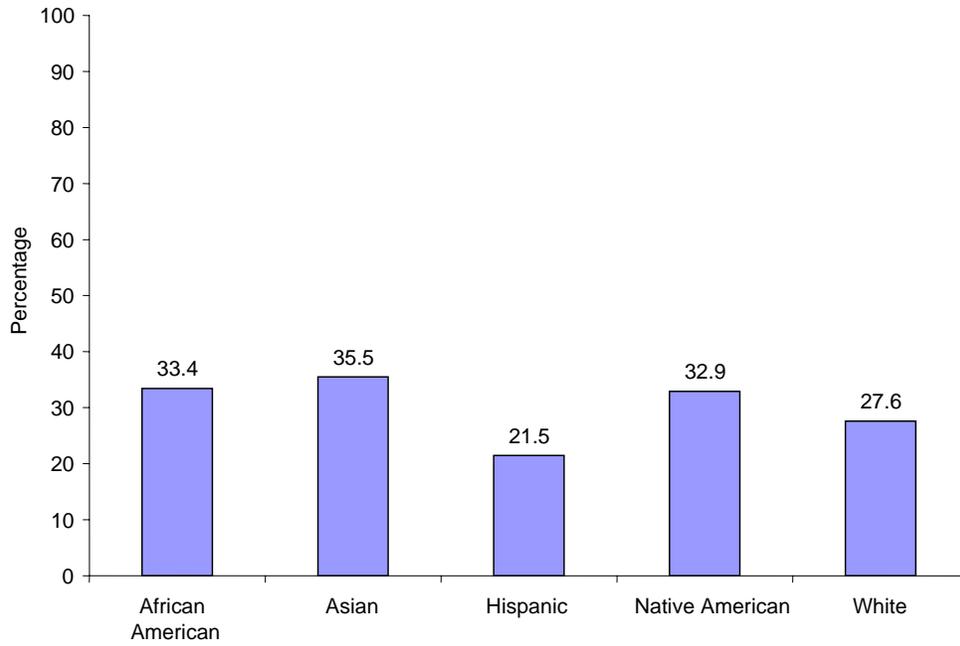


Figure 11. Percentage of respondents told by their provider that they have high blood pressure, by race/ethnicity.

Smoking

Prevalence of smoking

Current smokers are defined as those who have smoked at least 100 cigarettes in their lifetime and who now smoke every day or some days. More than 42 percent of all HRHS survey respondents are current smokers, compared to 19.9 percent of Oregon's general adult population, according to 2004 BRFSS data. Nearly one-third of all HRHS respondents (31.8 percent) smoke every day, and another 10.4 percent smoke some days (see Figure 12). On average, 91.3 percent of smoking clients said they consumed up to one pack of cigarettes per day; 65.7 percent of current smokers said they smoke within the first hour of waking.

Ask, advise, assist

All survey respondents were asked whether at their last visit, their healthcare provider had asked them if they smoke, either by questionnaire or in person. More than two-thirds replied that at their last visit, their healthcare provider had asked them if they smoke (67.5 percent).

Among current smokers, 64.0 percent had been advised to quit smoking by their provider at the last visit. However, fewer than one-half of current smokers reported that their provider had offered recommendations or assistance on quitting smoking at the last visit (40.9 percent).

Oregon has waged a major campaign against smoking since 1998. OMAP, public health programs, and fully capitated health plans have worked in concert to target specific anti-tobacco strategies at pregnant women and the general OHP population through covered benefits for pharmacotherapy, the Oregon Quit Line, and outreach and education for members and providers. The findings that a majority of survey respondents recalled being asked about their smoking habits and that a majority of current smokers had been advised at their most recent visit to quit smoking are encouraging. These findings, taken together with those of other studies, may indicate that interventions targeted at providers have met with some success.

Interpretation of the findings on assistance is complex, as the smoker's readiness to quit was not adjusted for, operation of the quit line was interrupted for a period of time, and the ability of respondents to limit their recall to the last visit may be compromised. A recent survey of Oregon physicians also demonstrated that 57 percent of primary care physicians were aware that smoking cessation services are covered by OHP.³⁷

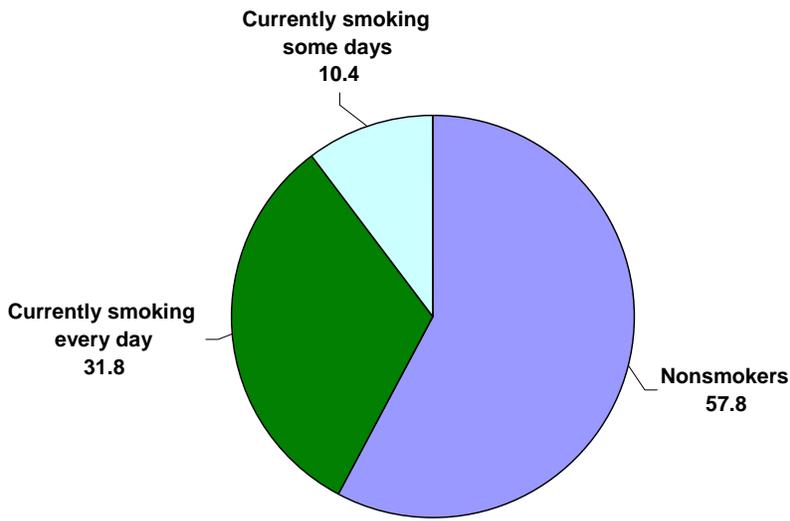


Figure 12. Smoking prevalence among OHP adult respondents.

Smokers with chronic disease

Continuing to smoke after developing chronic disease places a person at high risk for further complications and death. Figure 13 shows the percentage of respondents with chronic diseases who reported smoking.

OHP members with chronic disease report smoking at rates similar to those of the general OHP population. This finding is reinforced by the results of a chronic disease management chart review conducted by OMPRO, which found that 34 percent of adult OHP enrollees with diabetes smoke and that 50 percent of adult enrollees with asthma smoke—even though those who have quit smoking cite health concerns as the leading reasons why they quit (see below).

Smoking cessation programs have targeted OHP members with chronic disease. However, these findings and those of focus groups of smokers with asthma or who have a family member with asthma demonstrate the recalcitrance of this problem and indicate the need for continued research to find more successful approaches. (See results under “Smoking cessation aids” on page 32.)

Previous smokers

Respondents who had quit smoking were asked questions about their cessation. About one in five quitters said they had stopped smoking altogether within the past 12 months. The most frequently cited reason for quitting was concern about one’s health at the time (45.3 percent), followed by a concern about future health (18.9 percent). Twelve percent reported quitting due to pregnancy (see Table 2).

Respondents who had stopped smoking altogether used pharmacotherapy (nicotine patch, gum, or other medications) six times as often as they used cessation classes or counseling (30.9 percent vs. 4.8 percent, respectively). Older respondents were more likely than younger respondents to report using pharmacotherapy to stop smoking.

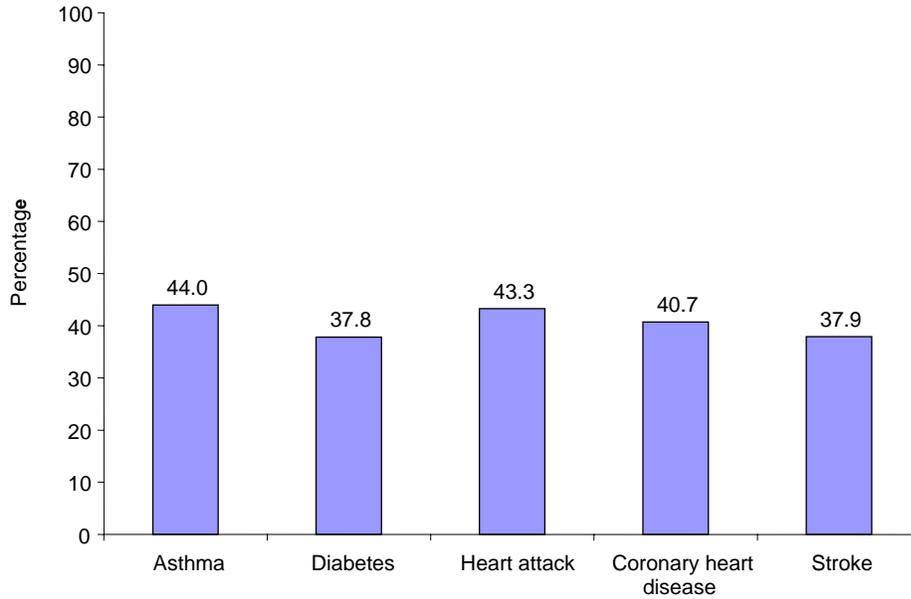


Figure 13. Percentage of respondents with selected chronic diseases who smoke.

Table 2. Top five reasons for quitting smoking.

Reason for quitting	Percent
Concern about my health at the time	45.3
Concern about my future health	18.9
Pregnancy	12.0
Pressure from family and friends	10.9
Cost of cigarettes	4.6

Smoking cessation aids

Nearly two-thirds of current smokers reported that they had quit smoking for one day or longer during the past 12 months. Of smokers who reported quitting for one or more days, respondents used pharmacotherapy four times as often as behavioral classes or counseling (36.3 percent vs. 8.2 percent, respectively). Urban residents and females reported higher use of behavioral counseling methods than their counterparts.

All current smokers were asked about their perceptions of smoking cessation tools. More than one-half said they perceived pharmacotherapy as “very helpful” or “somewhat helpful” (54.5 percent), compared with 45.3 percent who perceived behavioral programs as “very helpful” or “somewhat helpful” (see Figure 14).

Perceptions about the utility of smoking cessation aids differed among demographic groups. Nearly two-thirds of respondents in OHP Standard indicated that pharmacotherapy is helpful, compared with 48.9 percent of OHP Plus respondents. Urban residents reported more often than rural residents that behavioral programs are helpful (54.0 percent vs. 33.9 percent, respectively). Among racial/ethnic categories, African American respondents stated most often that they thought pharmacotherapy and behavioral programs were “very helpful,” whereas Asians least often responded in this way.

Current smokers also were asked about their plans to quit smoking. More respondents indicated that they planned to quit in the next six months than in the next 30 days (61.8 percent vs. 41.0 percent, respectively). Asian respondents least often reported that they planned to stop smoking in the next six months.

When smokers were asked about their knowledge of any smoking cessation services as a covered benefit, 44.0 percent said they did not know if any services are covered, 36.2 percent knew that cessation services are covered, and 19.9 percent erroneously said these services are not covered. Figure 15 shows that approximately 90 percent of smokers were not sure whether their health insurance pays for cessation classes or telephone counseling, and approximately 60 percent were not sure whether their insurance pays for nicotine replacement medications or said they are not covered. While only 9.3 percent said they thought that telephone counseling is covered, 56.5 percent of smokers had heard about the Oregon Tobacco Quit Line, and of those who knew about it, 20.5 percent said they had called the resource line.

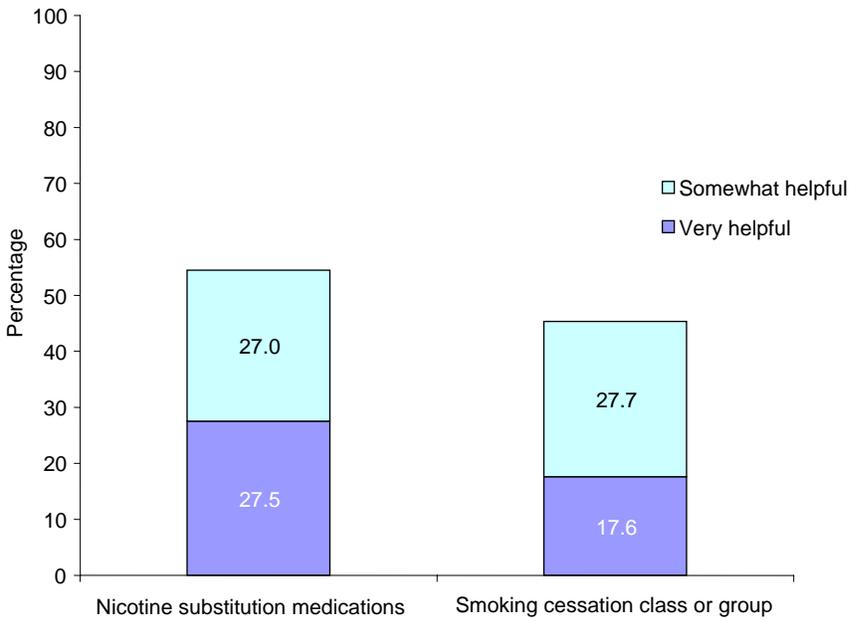


Figure 14. Percentage of current smokers who think that pharmacotherapy and cessation classes or groups are “very helpful” or “somewhat helpful.”

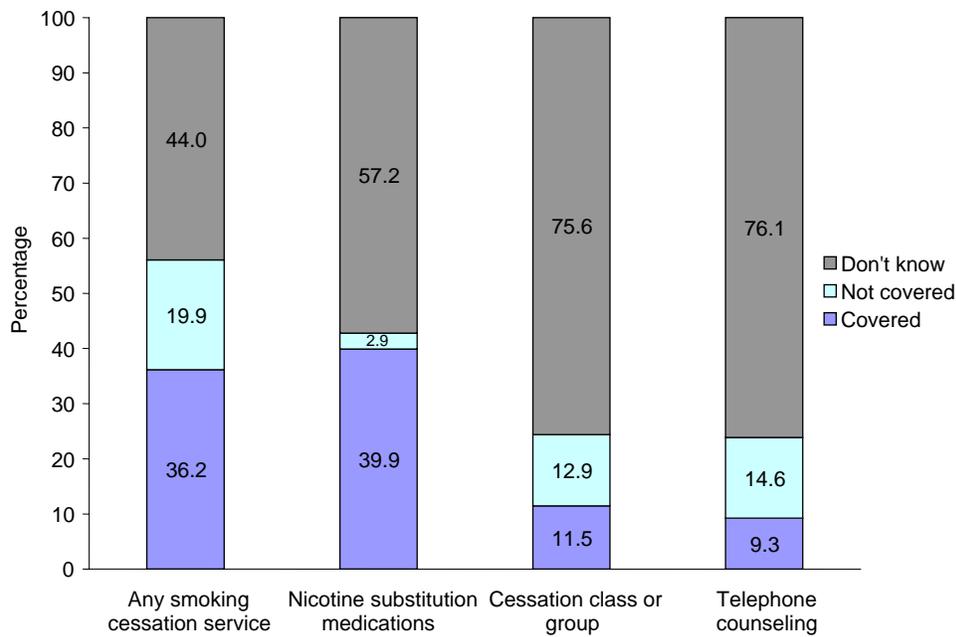


Figure 15. Current smokers' knowledge of smoking cessation services as a covered benefit.

Women's health

Female respondents were asked about preventive exams they had had, including screenings for breast cancer and cervical cancer. Mammography plays a major role in early detection of breast cancers. The U.S. Food and Drug Administration reports that mammography can find 85 percent to 90 percent of breast cancers in women over 50. Pap smears have been shown to reduce the incidence of and mortality from cervical cancer.

Almost one-half of all female respondents (48.4 percent) reported having had a mammogram. A higher percentage of respondents in FFS than in managed care had had mammograms (54.9 percent and 44.4 percent, respectively). The U.S. Preventive Services Task Force (USPSTF) recommends mammography every one to two years for women over age 40, with or without clinical breast exam. Of female respondents aged 40 or older, 65.9 percent have had mammography within the past two years, compared to 71.8 percent of all Oregon females in the same age range (2004 BRFSS).

While the USPSTF concludes that evidence is insufficient to recommend for or against teaching or performing routine breast self-examination, the American Cancer Society recommends routine clinical examination of the breast by a healthcare professional as often as every year to every three years. The majority of female respondents—88.8 percent—said they had had a clinical breast exam performed. Of those who had had a clinical breast exam, almost two-thirds had had an exam in the past year, and 88.8 percent within the past three years.

The USPSTF recommends that screening for cervical cancer begin by age 21 and occur at least every three years. Almost all female respondents said they had had a Pap smear (95.3 percent), and 84.5 percent of those women had had one within the past three years. These results compare favorably to national and state statistics. Nationally, 85.9 percent, and within Oregon, 83.5 percent of females age 18 and older have had a Pap smear within the past three years, according to 2004 BRFSS data.

Oral health

About one-half of respondents reported visiting a dentist within the past 12 months, with 27.6 percent stating that their last trip to the dentist was more than two years ago. Figure 16 shows that respondents in OHP Plus more often reported seeing a dentist in the past 12 months than did respondents in OHP Standard (55.2 percent vs. 40.1 percent, respectively).³⁸ Related to this, more managed care enrollees and younger respondents visited their dentist in the past 12 months than did FFS enrollees and older respondents. Slightly higher percentages of urban than of rural residents had seen a dentist within the past 12 months.

Among all respondents, 41.2 percent said they had had their teeth cleaned in the past 12 months; 31.7 percent said they had not had their teeth cleaned in more than two years. More OHP Plus respondents than OHP Standard respondents had had their teeth cleaned within the past 12 months (46.7 percent vs. 31.0 percent), and older respondents had had their teeth cleaned less often than younger respondents. African American and Asian respondents reported teeth cleanings in the past 12 months in higher percentages than did those in other racial and ethnic groups.

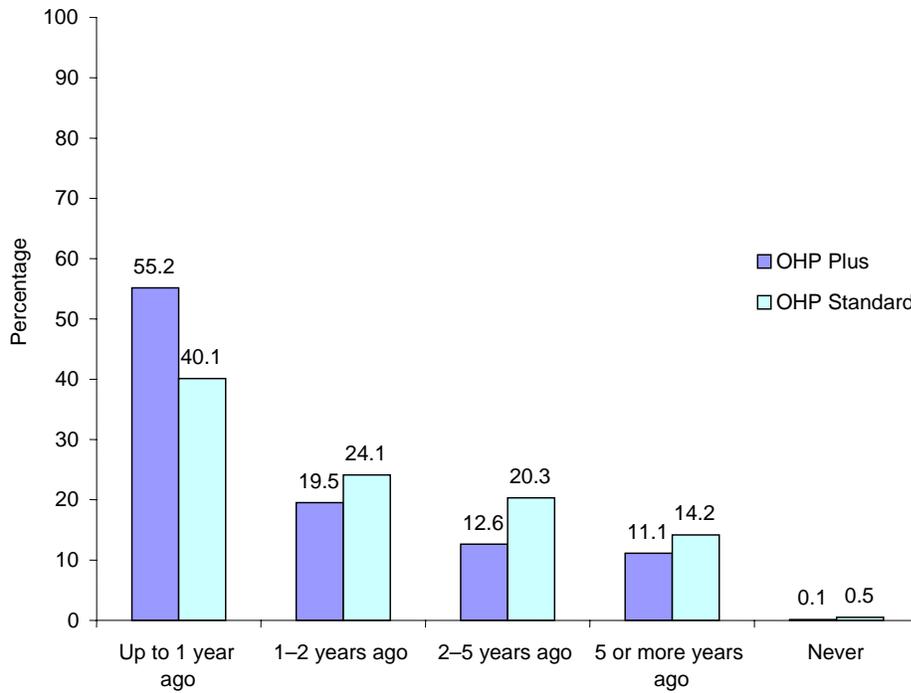


Figure 16. Timeframe of last dental visit for OHP Plus and OHP Standard respondents.

Physical and mental health status

The SF-12 assessment instrument has been used widely to measure the functional health status of individual patients, particularly those with chronic conditions, and of health plan enrollees. One study that tested the usefulness of the SF-12 measures to describe community health status found relationships between social determinants of health and physical and mental health status, such as age, income, and employment status. Lower physical component summary (PCS) scores were associated with lower-income people, older people, people with lower educational achievement, and widowed people. The patterns for mental component summary (MCS) scores were less clear.³⁹

The results for both PCS and MCS for 777 HRHS survey respondents show that OHP respondents are below the national norm for mental and physical health status. The surveyed clients had a mean MCS score of 40 and a PCS score of 39, both significantly lower than the mean U.S. population score of 50 for both measures in 1998 ($P < .05$). The differences can be interpreted as indicating statistically significantly lower physical and mental health status of OHP respondents compared with the national norm.

Generally, the physical and mental composite summary scores did not show major discernible differences among OHP client groups. The only exceptions were a decline in the PCS score in successively older age groups and a higher PCS score for Asian respondents compared with White respondents. Similar to the national norms by age category, younger age groups scored higher on the PCS than did older respondent groups.

[This page intentionally left blank.]

Access to health care

At its essence, access to care is the ability of the enrollee to get needed health care at the time it is needed. To date, healthcare researchers have not articulated one concise measure of access to care; rather, the concept comprises many factors, including the availability of transportation, patients' ability to see specialists, time to next appointment, adequacy of the healthcare network, and availability of translation services.^{40,41,42}

Personal healthcare provider

Studies have shown that those who have a primary physician as a usual source of care report better general and mental health status than those who do not. Asked whether they had one person they regarded as their personal doctor or healthcare provider, 80.4 percent of HRHS respondents answered "yes."

Better access to and relationship with a primary care provider are associated with reduced racial and ethnic disparities in health status. Such disparities are particularly pronounced for racial and ethnic minorities living at or below the poverty level.⁴³ HRHS survey responses differed across racial and ethnic categories. Figure 17 shows that African American and Hispanic respondents stated more often than other respondents that they did not have one person whom they considered to be their personal healthcare provider. These differences reflect divergent cultural experiences, values, and expectations held by people of different racial and ethnic groups. Race and ethnicity can influence one's trust of providers, usual place of health care, and ease of communication, among other factors.

The likelihood of having a personal healthcare provider increased with successive age categories; respondents over age 35 reported twice as often as younger respondents that they had a personal healthcare provider. Females and OHP Plus respondents were more likely to have a personal healthcare provider than were males and OHP Standard respondents.

Getting needed care

Respondents were asked whether there was a time in the past six months when they needed medical care but did not get it. Fewer than 20 percent answered "yes." Figure 18 shows that African Americans, Hispanics, and Native Americans reported more often than White and Asian respondents that they did not receive needed medical care in the past six months.

These responses are difficult to interpret. First, services that a respondent may perceive as needed care may not be covered by the OHP benefit. It is not clear whether some respondents said they "could not get needed care" because they could not pay out of pocket for certain services not covered by OHP or because they could not see a provider or get an appointment for administrative reasons. Also, access barriers other than lack of a provider or available appointment, such as transportation problems, may account for some of the responses.

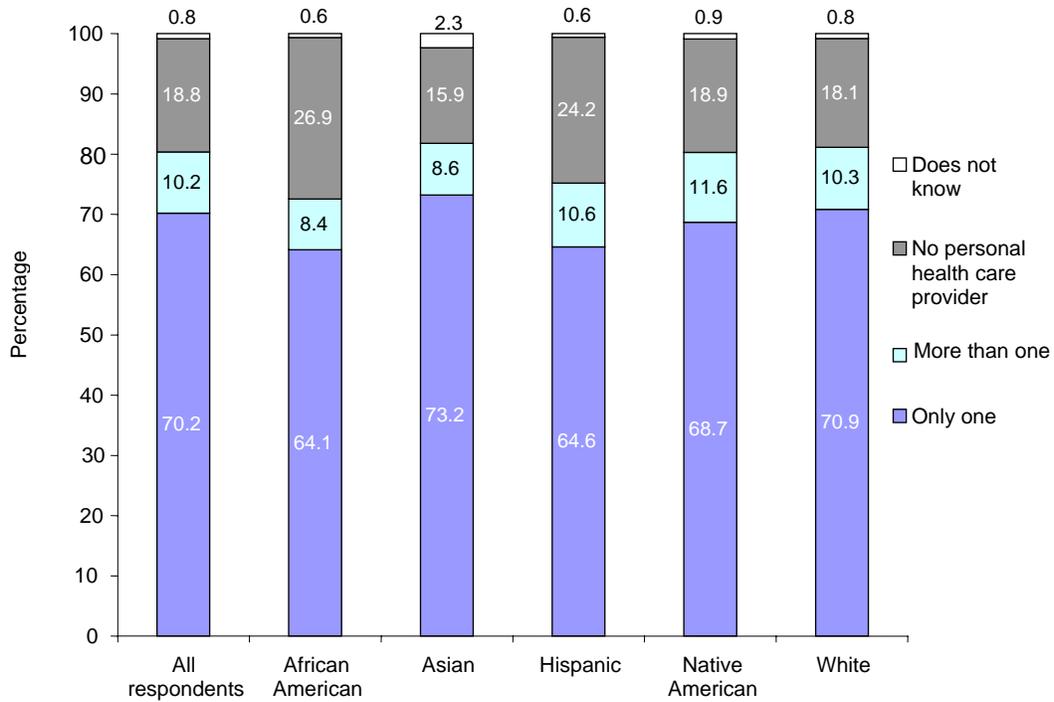


Figure 17. Percentage of respondents who do/do not have someone they consider a personal healthcare provider, by race/ethnicity.

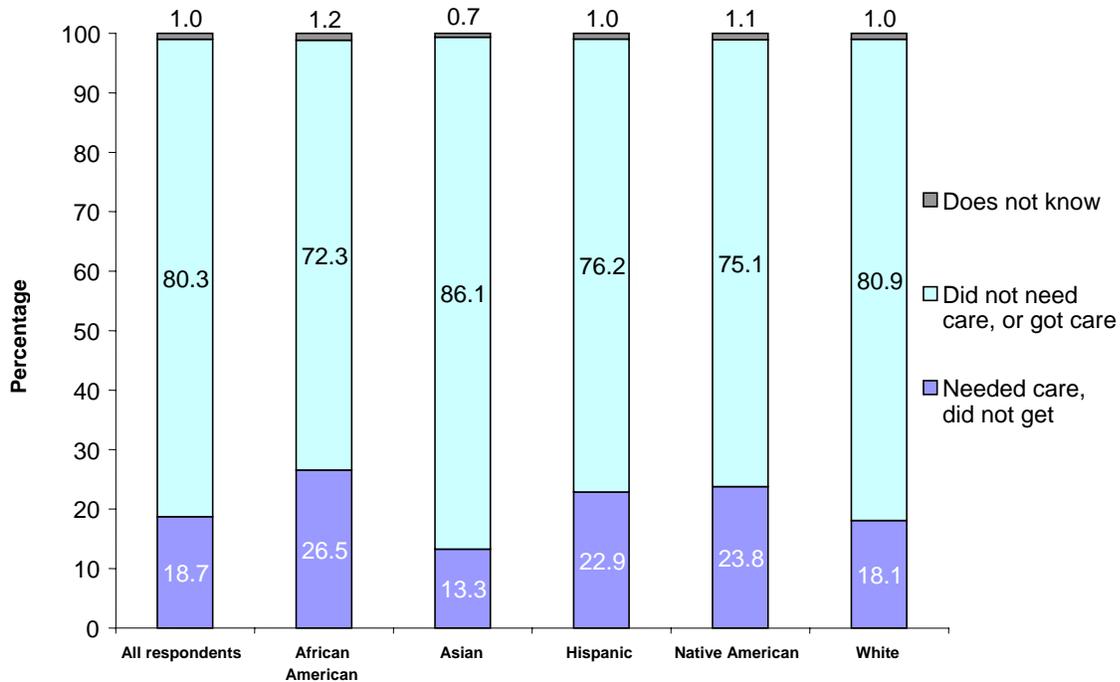


Figure 18. Ability to get needed care in the past six months, by race/ethnicity.

Appointment as wanted

Patients who can schedule appointments promptly with their healthcare providers have higher satisfaction, are likely to return to work sooner, and have better medical outcomes.⁴⁴ A large majority of respondents said they could get appointments as wanted. Most respondents (70.9 percent) stated that they “always” or “usually” got an appointment as soon as they wanted it, excluding times when they needed care right away. Responses varied among demographic categories. Figure 19 shows that non-White respondents answered more often than Whites that they “never” or “sometimes” got an appointment as quickly as they wanted. Males more often than females reported always getting appointments as wanted—47.4 percent vs. 35.8 percent, respectively.

Usual place for health care

Almost one-half of respondents reported that their usual place for health care is a private doctor’s office or clinic; 27.4 percent reported a public health clinic, community health center, or tribal health clinic; and 11.9 percent, a hospital-based clinic (see Table 3). Responses varied by racial and ethnic categories. Whereas almost one-half of White respondents stated that they usually received care in a private doctor’s office or clinic, 27.3 percent of African Americans and 37.7 percent of Native Americans said they usually received care in this setting. Both African Americans and Native Americans use public health clinics, community health centers, or tribal health clinics to a greater extent (31.7 percent and 42.7 percent, respectively), as compared to 25.4 percent of White respondents. Asian Americans’ use of various healthcare settings was similar to that of White respondents. In addition, males reported using the ER twice as often as females did.

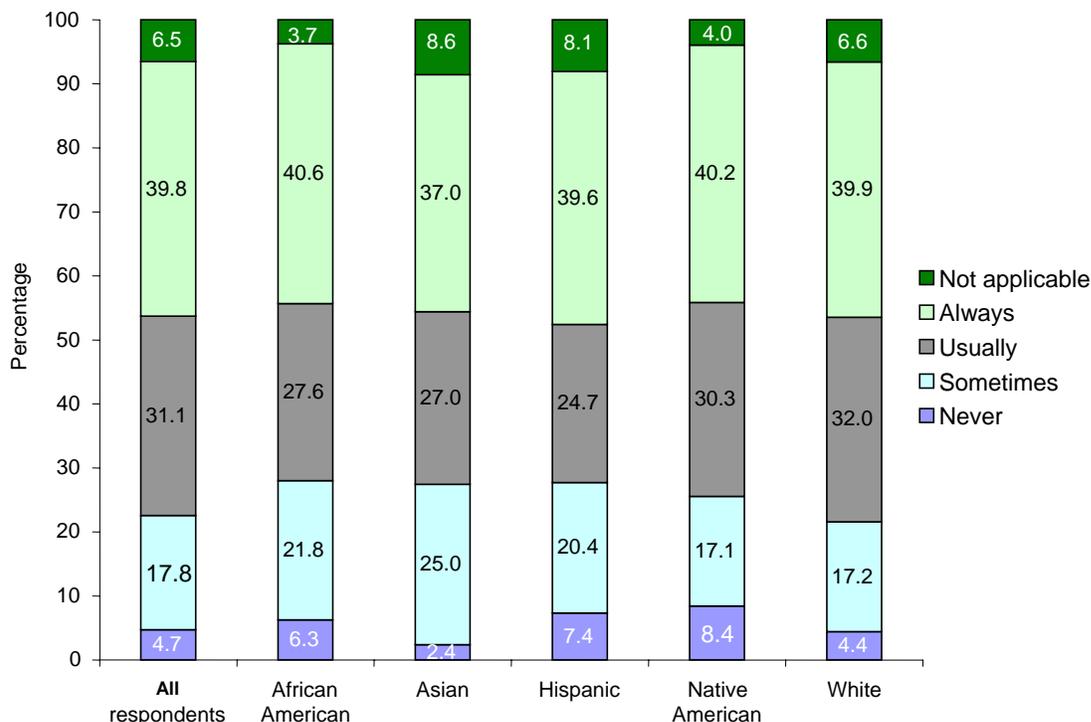


Figure 19. Percentage of respondents getting appointments as soon as wanted in the past six months, by race/ethnicity.

Table 3. Usual place of care for respondents.

Setting	Percent ^a	95% CI
A private doctor's office or clinic	46.5	(42.6–50.3)
A public health clinic, community health center, or tribal health clinic	27.4	(24.0–30.7)
A hospital-based clinic	11.9	(9.4–14.4)
A hospital emergency room	3.1	(1.8–4.4)
An urgent care clinic	1.4	(0.5–2.3)
Some other type of place	4.9	(3.0–6.7)
Does not know	4.9	(3.2–6.6)
Total	100.0	

^aPercentages do not add to exactly 100 percent because of rounding.

Conclusions

The results of this comprehensive analysis of the OHP clients' health status and risks indicate a greater disease burden in the OHP population than in Oregon's general adult population. Reported prevalence of asthma and diabetes among OHP respondents was approximately double that of all Oregon adults. OHP respondents experienced heart attacks, angina, and strokes more often than did adults statewide and had a slightly higher prevalence of risk factors, including high blood pressure and elevated cholesterol levels.

The higher prevalence of chronic disease raises the question of how OHP enrollees are managing their conditions. Proper chronic disease management requires the efforts of both the provider and the patient. Most respondents with diabetes reported receiving care from their providers in accordance with national guidelines, and in some cases, these respondents may be managing their care better than the general population. However, with regard to asthma care, OHP respondents' asthma is not well-controlled, as evidenced by the frequency of their symptoms and their use of the ED and urgent care for worsening symptoms. Yet the majority of respondents with asthma report receiving instruction from their providers on symptom recognition, trigger avoidance, and medication use. For many reasons related to personal and economic issues, asthma may be more difficult to self-manage in the OHP population than in the general population, even if enrollees are receiving proper care from their providers.

In a population with a disproportionate prevalence of disease, it is particularly disconcerting to see smoking rates as high as those reported by the OHP population. The rate is twice that of general Oregon adults. Even among those with chronic disease, smoking remains at levels similar to those reported for the general OHP population. The survey results, however, provide some insight into areas for improvement. Past and current smokers perceive medications to be more effective than behavioral programs for smoking cessation. Current smokers' general knowledge about cessation services as a covered benefit is low. Smoking cessation efforts by the health plans have been underway for several years, but the HRHS findings demonstrate the recalcitrance of this problem and indicate the need for continued research to find more successful approaches.

The survey data indicate that OHP respondents generally are receiving the care they need from their providers and are not experiencing access problems. Most respondents report having a personal healthcare provider and receiving care when they need it, on a timely basis. Also noteworthy was the proportion of female respondents who received women's preventive services in accordance with national guidelines, and in similar proportions to the general female population within the state.

Results of this survey point toward areas in which health plans can target quality improvement projects. There appears to be a disconnect between advice given in the provider's office and the self-management that occurs once the client returns to his or her daily life. Perhaps more education about self-management is warranted, with reminders built into the educational process to help clients manage their condition better after leaving the provider's office. Another area for improvement may be within the larger community; understanding the resources and barriers for managing one's chronic condition day-to-day may help health plans guide their enrollees towards better health.

Health plans have devoted many resources to tobacco cessation over the years. However, results from this survey show that the prevalence of smoking is still high among OHP clients. More focused measures of smoking prevalence and a more systematic, controlled performance improvement project aimed at tobacco prevention could provide OMAP with a more concrete assessment of what types of tobacco cessation programs are effective. Possible topics include increasing the awareness of specific types of tobacco cessation services, educating clients on the effectiveness of behavioral programs for tobacco cessation, and targeting interventions toward smokers with chronic disease.

Acknowledgements

The Health Risk Health Status survey was created through the efforts of OMAP and other DHS Health Services programs. The workgroup that designed the survey instrument included the following participants.

Charles Gallia
Evaluation Program Coordinator
Office of Medical Assistance Programs

Duyen L. Ngo, PhD
Chronic Disease Epidemiologist
Health Services, Health Promotion and Chronic Disease Prevention

Richard Leman, MD
Chronic Disease Medical Epidemiologist
Health Services, Health Promotion and Chronic Disease Prevention

Angela Kemple, MS
Diabetes Research Analyst
Health Services, Diabetes Program

Craig Mosbaek, MPH
TPEP Research Analyst
Health Services, Tobacco Prevention and Education Program

Stacy Schubert, MPH
Asthma Epidemiologist
Health Services, Asthma Program

Jon C. Collins, PhD
Manager, Program Analysis and Evaluation Unit
Office of Mental Health and Addiction Services

Lisa Angus, MPH
Research Analyst
Health Services, Women's and Reproductive Health

References

- ¹ The Other/Unknown racial category includes individuals specified in the OMAP enrollment database as undeclared, other, null, and Native Hawaiian or Pacific Islander.
- ² Enrollees eligible to be surveyed included 600 administratively disqualified clients.
- ³ Centers for Disease Control and Prevention. Behavioral Risk Factor Surveillance System Survey Questionnaire. Atlanta: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, 2004.
- ⁴ Medicare covers acute care services for the dually enrolled, while Medicaid covers Medicare premiums and cost sharing, and—for enrollees below certain income and asset thresholds—long-term care services and prescription drugs, among other services.
- ⁵ Ware JE, Kosinski M, Turner-Bowker DM, Gandek B. How to Score Version 2 of the SF-12[®] Health Survey (With a Supplement Documenting Version 1). Lincoln, RI: Quality Metric Inc., 2002.
- ⁶ One study found that among Cambodians and Vietnamese, those interviewed in English for the REACH 2010 Risk Factor Survey were considerably different from those administered the survey in their native Khmer and Vietnamese languages. Those interviewed in their native language on average were more likely to be older, have less than a high school education, have lower annual household incomes, and report cost as a barrier to receiving health care. Centers for Disease Control and Prevention. Health status of Cambodians and Vietnamese: selected communities, United States, 2001–2002. *MMWR* 2004;53(33):760.
- ⁷ National Heart, Lung, and Blood Institute/National Asthma Education and Prevention Program. Expert Panel Report 2: Guidelines for the diagnosis and management of asthma. National Institutes of Health, No. 97-4051. Bethesda, MD; July 1997.
- ⁸ Oregon Department of Human Services. A view of asthma in Oregon: hospitalization for asthma. Available at: <http://www.oregon.gov/DHS/ph/asthma/view/hosp.shtml>. Accessed June 6, 2005.
- ⁹ Ray NF, Thamer M, Fadillioğlu B, et al. Race, income, urbanicity, and asthma hospitalization in California: a small area analysis. *Chest*. 1998;113(5):1277–1284.
- ¹⁰ National Institutes of Health, National Heart, Lung, and Blood Institute. NAEPP Program Description. Available at: http://www.nhlbi.nih.gov/about/naepp/naep_pd.htm. Accessed May 12, 2005.
- ¹¹ Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention & Health Promotion, Behavioral Risk Factor Surveillance System. Prevalence data: Oregon—2003, asthma. Available at: <http://apps.nccd.cdc.gov/brfss/display.asp?cat=AS&yr=2003&qkey=4416&state=OR>. Accessed June 6, 2005.
- ¹² National Institutes of Health, National Heart, Lung, and Blood Institute. Who gets asthma? Available at: http://www.nhlbi.nih.gov/health/dci/Diseases/Asthma/Asthma_WhoIsAtRisk.html. Accessed May 17, 2005.
- ¹³ Experts agree that asthma is a lifelong condition with periods of quiescence in some individuals. However, misconceptions still linger that children, in particular, can “grow out of” this condition.
- ¹⁴ Active asthma is defined as having been diagnosed by a doctor as having asthma and having experienced wheezing in the past 12 months.
- ¹⁵ Office of Medical Assistance Programs. An evaluation of the management of chronic disease by OHP managed care organizations: diabetes and asthma, 2003–2004. Oregon Department of Human Services, Health Services. Salem, Ore. 2005.
- ¹⁶ _____. Comparative assessment report: emergency department utilization, Oregon Health Plan managed care plans, 2002–2003. Oregon Department of Human Services, Health Services. Salem, Ore. 2005.
- ¹⁷ Yawn BP, Mainous AG 3rd, Love MM, Hueston W. Do rural and urban children have comparable asthma care utilization? *J Rural Health*. 2001 Winter;17(1):32–39.
- ¹⁸ Expert Panel Report 2: Guidelines for the diagnosis and management of asthma.
- ¹⁹ Centers for Disease Control and Prevention. Diabetes: Disabling, deadly, and on the rise. Available at: http://www.cdc.gov/nccdphp/aag/aag_ddt.htm. Accessed April 28, 2005.
- ²⁰ American Diabetes Association. National Diabetes Fact Sheet. Available at: <http://www.diabetes.org/diabetes-statistics/national-diabetes-fact-sheet.jsp>. Accessed April 28, 2005.
- ²¹ Centers for Disease Control and Prevention. National Diabetes Surveillance System: State-specific estimates of diagnosed diabetes among adults. Available at: <http://www.cdc.gov/diabetes/statistics/prev/state/tPrevalenceTotal.htm>. Accessed April 28, 2005.
- ²² Oregon Department of Human Services. *Keeping Oregonians healthy: Preventing chronic diseases by reducing tobacco use, improving diet, and promoting physical activity and preventive screenings*. Salem, OR: June 2003.
- ²³ U.S. Department of Health and Human Services. Overweight and obesity; health consequences. Available at: http://www.surgeongeneral.gov/topics/obesity/calltoaction/fact_consequences.htm. Accessed May 17, 2005.

-
- ²⁴ Oregon Department of Human Services. Oregon overweight, obesity, physical activity, and nutrition facts. Updated September 2004. Available at: <http://oregon.gov/DHS/ph/pan/docs/panfacts04.pdf>. Accessed May 17, 2005.
- ²⁵ *Keeping Oregonians healthy.*
- ²⁶ Institute for Clinical Systems Improvement. Management of type 2 diabetes mellitus. Bloomington, MN: Institute for Clinical Systems Improvement, 2003.
- ²⁷ Calculation based on the data sample analyzed in Office of Medical Assistance Programs, Comparative assessment report: diabetes care for enrollees in Oregon Health Plan managed care plans, 2003–2004. Oregon Department of Human Services, Health Services. Salem, Ore. 2005.
- ²⁸ Response categories included “not at all difficult,” “slightly difficult,” “somewhat difficult,” “very difficult,” and “extremely difficult.”
- ²⁹ Guidelines are available at the National Guideline Clearing House website: www.guidelines.gov/summary/summary.aspx?doc_id=4403&nbr=3317&string=Diabetes. Accessed April 28, 2005.
- ³⁰ Annual retinal eye exams are recommended for Type 2 diabetes. This survey did not ask respondents to specify which type of diabetes they have.
- ³¹ Oregon Department of Human Services, Health Services, Center for Health Statistics. Oregon Vital Statistics Report 2000. Available at: <http://www.Oregon.gov/DHS/ph/chs/data/arpt/00v2/chp6toc.shtml>. Accessed May 13, 2005.
- ³² Oregon Department of Human Services, Health Services, Health Promotion and Chronic Disease Prevention Program. Heart and Stroke Report 2001. Available at: <http://www.oregon.gov/DHS/ph/hdsp/2001/hosp.shtml>. Accessed May 13, 2005.
- ³³ National Heart, Lung, and Blood Institute/ National Cholesterol Education Program. The Third Report of the National Cholesterol Education Program (NCEP) Expert Panel on Detection, Evaluation, and Treatment of High Blood Cholesterol in Adults. In: National Institutes of Health, No. 02-5215. Bethesda, MD; 2002.
- ³⁴ American Heart Association. Heart disease and stroke statistics—2005 update. Available at: <http://www.americanheart.org/downloadable/heart/1105390918119HDSStats2005Update.pdf>. Accessed May 17, 2005.
- ³⁵ American Heart Association. High blood pressure. Available at: <http://www.americanheart.org/presenter.jhtml?identifier=2114>. Accessed May 17, 2005.
- ³⁶ Centers for Disease Control and Prevention. Racial/ethnic disparities in prevalence, treatment, and control of hypertension, United States, 1999–2002. *MMWR* 54(01):7–9.
- ³⁷ Office of Medical Assistance Programs. 2004 Oregon physician workforce survey: report of results. Oregon Department of Human Services, Health Services. Salem, Ore. 2005.
- ³⁸ Most dental services ceased to be a covered benefit for OHP Standard clients as of March 1, 2003. Emergency dental services were reinstated for OHP Standard clients on August, 1, 2004.
- ³⁹ Burdine JN, Felix MR, Abel AL, et al. The SF-12 as a population health measure: an exploratory examination of potential for application. *Health Serv Res.* 2000 Oct;35(4):885–904.
- ⁴⁰ Institute of Medicine. Coverage matters: insurance and health care. Washington, DC: National Academy Press, 2001.
- ⁴¹ Berk ML, Schur CL. Measuring access to care: improving information for policymakers. *Health Aff.* 1998;17(1):180–186.
- ⁴² Sinay T. Access to quality health services: determinants of access. *J Health Care Finance.* 2002;28(4):58–68.
- ⁴³ Shi L, Green LH, Kazakova S. Primary care experience and racial disparities in self-reported health status. *J Am Board Fam Pract.* 2004;17(6):443–452.
- ⁴⁴ Wisconsin Collaborative for Healthcare Quality. Access: time to third next available long appointment. Milwaukee, WI: Wisconsin Collaborative for Healthcare Quality, 2004. Abstract available at: http://www.qualitymeasures.ahrq.gov/summary/summary.aspx?ss=1&doc_id=5743. Accessed May 3, 2005.

Appendix A. Weighted analyses, frequencies, and crosstabulations of survey response data

2.1. Do you have one person you think of as a personal healthcare provider?

Table A-24. Respondent has a personal healthcare provider.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes, only one	1588	70.20	66.68	73.73
More than one	230	10.17	7.91	12.42
No	425	18.80	15.76	21.85
Does not know	19	0.82	0.05	1.60
Total	2262	100.00	–	–

Weighted Frequency Missing = 16.01.

2.1. Do you have one person you think of as a personal healthcare provider?

Table A-25. Respondent has a personal healthcare provider, by race/ethnicity.

Response	Statistic	African American	Asian	Hispanic	Native American	Other or Unknown	White	Total
Yes, only one	Weighted Frequency	64.75	47.44	76.20	39.81	9.05	1350.71	1587.96
	Row Percent	4.08	2.99	4.80	2.51	0.57	85.06	100.00
	Column Percent	64.13	73.22	64.60	68.69	64.14	70.86	—
	95% Lower Confidence Limit, Col Pct	59.39	65.29	60.35	64.63	57.74	66.70	—
	95% Upper Confidence Limit, Col Pct	68.88	81.15	68.84	72.74	70.54	75.02	—
More than one	Weighted Frequency	8.47	5.55	12.52	6.72	0.79	195.95	230.00
	Row Percent	3.68	2.41	5.44	2.92	0.34	85.20	100.00
	Column Percent	8.39	8.57	10.61	11.59	5.60	10.28	—
	95% Lower Confidence Limit, Col Pct	5.66	3.42	7.93	8.84	2.61	7.62	—
	95% Upper Confidence Limit, Col Pct	11.12	13.71	13.30	14.35	8.59	12.94	—
No	Weighted Frequency	27.13	10.29	28.55	10.93	4.08	344.36	425.34
	Row Percent	6.38	2.42	6.71	2.57	0.96	80.96	100.00
	Column Percent	26.87	15.88	24.20	18.86	28.92	18.07	—
	95% Lower Confidence Limit, Col Pct	22.48	9.73	20.37	15.40	22.84	14.48	—
	95% Upper Confidence Limit, Col Pct	31.26	22.03	28.04	22.31	35.00	21.66	—
Does not know	Weighted Frequency	0.61	1.51	0.69	0.50	0.19	15.14	18.64
	Row Percent	3.27	8.10	3.70	2.68	1.02	81.22	100.00
	Column Percent	0.60	2.33	0.58	0.86	1.35	0.79	—
	95% Lower Confidence Limit, Col Pct	0.00	0.00	0.00	0.02	0.00	0.00	—
	95% Upper Confidence Limit, Col Pct	1.44	5.29	1.25	1.71	2.87	1.70	—
Total	Weighted Frequency	100.96	64.79	117.96	57.96	14.11	1906.16	2261.94
	Row Percent	—	—	—	—	—	—	—
	Column Percent	100.00	100.00	100.00	100.00	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—	—	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—	—	—	—	—

Row percent indicates the percentage of responses in the race/ethnicity group.
 Column percent indicates the percentage of the race/ethnicity group that gave the response.
 Weighted Frequency Missing = 16.01. P-value from chi-square test. p=0.0198

2.1. Do you have one person you think of as a personal healthcare provider?

Table A-26. Respondent has a personal healthcare provider, by OHP program.

Response	Statistic	OHP Plus	OHP Standard	Total
Yes, only one	Weighted Frequency	1051.62	535.73	1587.35
	Row Percent	66.25	33.75	100.00
	Column Percent	71.83	67.21	—
	95% Lower Confidence Limit, Col Pct	67.60	60.98	—
	95% Upper Confidence Limit, Col Pct	76.07	73.45	—
More than one	Weighted Frequency	167.18	62.82	230.00
	Row Percent	72.69	27.31	100.00
	Column Percent	11.42	7.88	—
	95% Lower Confidence Limit, Col Pct	8.44	4.58	—
	95% Upper Confidence Limit, Col Pct	14.40	11.19	—
No	Weighted Frequency	228.98	196.04	425.02
	Row Percent	53.88	46.12	100.00
	Column Percent	15.64	24.60	—
	95% Lower Confidence Limit, Col Pct	12.29	18.70	—
	95% Upper Confidence Limit, Col Pct	18.99	30.49	—
Does not know	Weighted Frequency	16.19	2.45	18.64
	Row Percent	86.86	13.14	100.00
	Column Percent	1.11	0.31	—
	95% Lower Confidence Limit, Col Pct	0.00	0.04	—
	95% Upper Confidence Limit, Col Pct	2.29	0.58	—
Total	Weighted Frequency	1463.97	797.04	2261.01
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the OHP benefit group.
 Column percent indicates the percentage of the OHP benefit group that gave the response.
 Weighted Frequency Missing = 16.01. P-value from chi-square test. p=0.0045

2.1. Do you have one person you think of as a personal healthcare provider?

Table A-27. Respondent has a personal healthcare provider, by age.

Response	Statistic	19–24	25–34	35–44	45–54	55–64	Total
Yes, only one	Weighted Frequency	206.77	333.33	392.55	372.52	282.79	1587.96
	Row Percent	13.02	20.99	24.72	23.46	17.81	100.00
	Column Percent	63.19	62.86	73.49	74.22	76.76	—
	95% Lower Confidence Limit, Col Pct	52.71	55.00	66.24	67.68	69.18	—
	95% Upper Confidence Limit, Col Pct	73.67	70.73	80.74	80.77	84.33	—
More than one	Weighted Frequency	23.33	42.50	54.21	62.23	47.73	230.00
	Row Percent	10.14	18.48	23.57	27.06	20.75	100.00
	Column Percent	7.13	8.02	10.15	12.40	12.96	—
	95% Lower Confidence Limit, Col Pct	2.12	3.63	5.39	7.39	6.91	—
	95% Upper Confidence Limit, Col Pct	12.14	12.40	14.90	17.40	19.00	—
No	Weighted Frequency	96.30	153.38	75.50	63.33	36.83	425.34
	Row Percent	22.64	36.06	17.75	14.89	8.66	100.00
	Column Percent	29.43	28.93	14.13	12.62	10.00	—
	95% Lower Confidence Limit, Col Pct	19.43	21.51	8.46	7.79	4.53	—
	95% Upper Confidence Limit, Col Pct	39.43	36.34	19.81	17.44	15.46	—
Does not know	Weighted Frequency	0.82	1.04	11.91	3.80	1.07	18.64
	Row Percent	4.40	5.58	63.89	20.39	5.74	100.00
	Column Percent	0.25	0.20	2.23	0.76	0.29	—
	95% Lower Confidence Limit, Col Pct	0.00	0.00	0.00	0.00	0.00	—
	95% Upper Confidence Limit, Col Pct	0.50	0.40	5.15	2.21	0.77	—
Total	Weighted Frequency	327.22	530.25	534.17	501.88	368.42	2261.94
	Row Percent	—	—	—	—	—	—
	Column Percent	100.00	100.00	100.00	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—	—	—	—

Row percent indicates the percentage of responses in the age group.
 Column percent indicates the percentage of the age group that gave the response.
 Weighted Frequency Missing = 16.01. P-value from chi-square test. p<.0001

2.1. Do you have one person you think of as a personal healthcare provider?

Table A-28. Respondent has a personal healthcare provider, by gender.

Response	Statistic	Female	Male	Total
Yes, only one	Weighted Frequency	1076.97	510.99	1587.96
	Row Percent	67.82	32.18	100.00
	Column Percent	72.51	65.79	—
	95% Lower Confidence Limit, Col Pct	68.46	59.10	—
	95% Upper Confidence Limit, Col Pct	76.56	72.49	—
More than one	Weighted Frequency	157.85	72.15	230.00
	Row Percent	68.63	31.37	100.00
	Column Percent	10.63	9.29	—
	95% Lower Confidence Limit, Col Pct	7.83	5.50	—
	95% Upper Confidence Limit, Col Pct	13.43	13.08	—
No	Weighted Frequency	245.68	179.66	425.34
	Row Percent	57.76	42.24	100.00
	Column Percent	16.54	23.13	—
	95% Lower Confidence Limit, Col Pct	13.18	17.08	—
	95% Upper Confidence Limit, Col Pct	19.90	29.18	—
Does not know	Weighted Frequency	4.79	13.85	18.64
	Row Percent	25.70	74.30	100.00
	Column Percent	0.32	1.78	—
	95% Lower Confidence Limit, Col Pct	0.00	0.00	—
	95% Upper Confidence Limit, Col Pct	0.82	3.82	—
Total	Weighted Frequency	1485.29	776.65	2261.94
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the gender group.

Column percent indicates the percentage of the gender group that gave the response.

Weighted Frequency Missing = 16.01. P-value from chi-square test. p=0.0402

2.2. In past 6 months, did you need medical care but not get it?

Table A-29. Respondent needed but did not get medical care.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	423	18.72	15.83	21.60
No	1813	80.26	77.31	83.21
Does not know	23	1.02	0.26	1.78
Total	2259	100.00	–	–

Weighted Frequency Missing = 19.11.

2.2. In past 6 months, did you need medical care but not get it?

Table A-30. Respondent needed but did not get medical care, by race/ethnicity.

Response	Statistic	African American	Asian	Hispanic	Native American	Other or Unknown	White	Total
Yes	Weighted Frequency	26.79	8.59	27.05	13.76	2.92	343.66	422.77
	Row Percent	6.34	2.03	6.40	3.25	0.69	81.29	100.00
	Column Percent	26.54	13.26	22.88	23.78	20.81	18.06	_
	95% Lower Confidence Limit, Col Pct	22.16	7.39	19.19	20.07	15.39	14.66	_
	95% Upper Confidence Limit, Col Pct	30.91	19.12	26.57	27.49	26.24	21.46	_
No	Weighted Frequency	73.00	55.78	90.04	43.47	10.83	1539.84	1812.96
	Row Percent	4.03	3.08	4.97	2.40	0.60	84.94	100.00
	Column Percent	72.31	86.09	76.16	75.13	77.19	80.92	_
	95% Lower Confidence Limit, Col Pct	67.87	80.12	72.42	71.37	71.57	77.44	_
	95% Upper Confidence Limit, Col Pct	76.74	92.07	79.91	78.89	82.81	84.40	_
Does not know	Weighted Frequency	1.17	0.42	1.13	0.63	0.28	19.48	23.11
	Row Percent	5.06	1.82	4.89	2.73	1.21	84.29	100.00
	Column Percent	1.16	0.65	0.96	1.09	2.00	1.02	_
	95% Lower Confidence Limit, Col Pct	0.15	0.00	0.11	0.22	0.03	0.13	_
	95% Upper Confidence Limit, Col Pct	2.17	1.92	1.80	1.96	3.96	1.92	_
Total	Weighted Frequency	100.96	64.79	118.22	57.86	14.03	1902.98	2258.84
	Row Percent	_	_	_	_	_	_	_
	Column Percent	100.00	100.00	100.00	100.00	100.00	100.00	_
	95% Lower Confidence Limit, Col Pct	_	_	_	_	_	_	_
	95% Upper Confidence Limit, Col Pct	_	_	_	_	_	_	_

Row percent indicates the percentage of responses in the race/ethnicity group.
 Column percent indicates the percentage of the race/ethnicity group that gave the response.
 Weighted Frequency Missing = 19.11. P-value from chi-square test. p=0.006

2.3. Where do you usually receive medical care?

Table A-31. Settings where respondents usually received care.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
A hospital based clinic	269	11.88	9.38	14.39
A hospital emergency room	71	3.12	1.83	4.41
A private doctor's office or clinic	1051	46.49	42.63	50.34
A public health clinic, community health center or tribal health clinic	618	27.35	24.04	30.66
An urgent care clinic	32	1.42	0.52	2.33
Does not know	111	4.89	3.23	6.55
Some other type of place	110	4.85	3.04	6.66
Total	2260	100.00	–	–

Weighted Frequency Missing = 17.54

2.3. Where do you usually receive medical care?

Table A-32. Usual care settings by race/ethnicity.

Response	Statistic	African American	Asian	Hispanic	Native American	Other or Unknown	White	Total
A hospital based clinic	Weighted Frequency	23.42	4.96	10.54	3.79	1.45	224.43	268.59
	Row Percent	8.72	1.85	3.92	1.41	0.54	83.56	100.00
	Column Percent	23.25	7.71	8.98	6.55	10.36	11.77	—
	95% Lower Confidence Limit, Col Pct	19.10	2.42	6.42	4.40	6.22	8.82	—
	95% Upper Confidence Limit, Col Pct	27.41	13.00	11.54	8.70	14.51	14.73	—
A hospital emergency room	Weighted Frequency	7.30	1.84	4.28	2.36	0.27	54.50	70.55
	Row Percent	10.35	2.61	6.07	3.35	0.38	77.25	100.00
	Column Percent	7.25	2.86	3.65	4.08	1.93	2.86	—
	95% Lower Confidence Limit, Col Pct	4.68	0.16	1.91	2.35	0.03	1.34	—
	95% Upper Confidence Limit, Col Pct	9.81	5.56	5.38	5.81	3.83	4.38	—
A private doctor's office or clinic	Weighted Frequency	27.47	30.61	38.39	21.79	6.44	926.08	1050.78
	Row Percent	2.61	2.91	3.65	2.07	0.61	88.13	100.00
	Column Percent	27.28	47.58	32.71	37.66	46.03	48.58	—
	95% Lower Confidence Limit, Col Pct	22.87	38.04	28.56	33.43	39.38	44.04	—
	95% Upper Confidence Limit, Col Pct	31.68	57.11	36.87	41.89	52.69	53.12	—
A public health clinic, community health center or tribal health clinic	Weighted Frequency	31.92	19.64	54.91	24.72	3.60	483.44	618.23
	Row Percent	5.16	3.18	8.88	4.00	0.58	78.20	100.00
	Column Percent	31.69	30.53	46.79	42.72	25.73	25.36	—

2.3. Where do you usually receive medical care?

Table A-32. Usual care settings by race/ethnicity (continued).

Response	Statistic	African American	Asian	Hispanic	Native American	Other or Unknown	White	Total
An urgent care clinic	95% Lower Confidence Limit, Col Pct	27.08	21.69	42.37	38.39	19.89	21.47	—
	95% Upper Confidence Limit, Col Pct	36.31	39.36	51.21	47.05	31.57	29.25	—
	Weighted Frequency	0.81	0.84	1.69	0.76	0.45	27.65	32.20
	Row Percent	2.52	2.61	5.25	2.36	1.40	85.87	100.00
	Column Percent	0.80	1.31	1.44	1.31	3.22	1.45	—
	95% Lower Confidence Limit, Col Pct	0.00	0.00	0.38	0.26	0.82	0.38	—
Does not know	95% Upper Confidence Limit, Col Pct	1.72	3.11	2.50	2.36	5.61	2.52	—
	Weighted Frequency	4.72	4.54	4.32	1.48	0.63	94.82	110.51
	Row Percent	4.27	4.11	3.91	1.34	0.57	85.80	100.00
	Column Percent	4.69	7.06	3.68	2.56	4.50	4.97	—
	95% Lower Confidence Limit, Col Pct	2.56	2.84	2.08	1.17	1.74	3.02	—
	95% Upper Confidence Limit, Col Pct	6.82	11.27	5.29	3.95	7.27	6.93	—
Some other type of place	Weighted Frequency	5.07	1.91	3.22	2.96	1.15	95.24	109.55
	Row Percent	4.63	1.74	2.94	2.70	1.05	86.94	100.00
	Column Percent	5.03	2.97	2.74	5.12	8.22	5.00	—
	95% Lower Confidence Limit, Col Pct	2.85	0.21	1.25	3.21	4.53	2.86	—
	95% Upper Confidence Limit, Col Pct	7.21	5.72	4.24	7.02	11.91	7.13	—

2.3. Where do you usually receive medical care?

Table A-32. Usual care settings by race/ethnicity (continued).

Response	Statistic	African American	Asian	Hispanic	Native American	Other or Unknown	White	Total
Total	Weighted Frequency	100.71	64.34	117.35	57.86	13.99	1906.16	2260.41
	Row Percent	—	—	—	—	—	—	—
	Column Percent	100.00	100.00	100.00	100.00	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—	—	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—	—	—	—	—

Row percent indicates the percentage of responses in the race/ethnicity group.
 Column percent indicates the percentage of the race/ethnicity group that gave the response.
 Weighted Frequency Missing = 17.54. P-value from chi-square test. p<.0001

2.3. Where do you usually receive medical care?

Table A-33. Usual care settings by gender.

Response	Statistic	Female	Male	Total
A hospital based clinic	Weighted Frequency	145.08	123.51	268.59
	Row Percent	54.02	45.98	100.00
	Column Percent	9.77	15.93	—
	95% Lower Confidence Limit, Col Pct	7.11	10.74	—
	95% Upper Confidence Limit, Col Pct	12.42	21.13	—
A hospital emergency room	Weighted Frequency	32.23	38.32	70.55
	Row Percent	45.68	54.32	100.00
	Column Percent	2.17	4.94	—
	95% Lower Confidence Limit, Col Pct	0.96	1.99	—
	95% Upper Confidence Limit, Col Pct	3.38	7.89	—
A private doctor's office or clinic	Weighted Frequency	719.88	330.90	1050.78
	Row Percent	68.51	31.49	100.00
	Column Percent	48.47	42.69	—
	95% Lower Confidence Limit, Col Pct	43.91	35.60	—
	95% Upper Confidence Limit, Col Pct	53.03	49.77	—
A public health clinic, community health center or tribal health clinic	Weighted Frequency	436.57	181.66	618.23
	Row Percent	70.62	29.38	100.00
	Column Percent	29.39	23.43	—
	95% Lower Confidence Limit, Col Pct	25.30	17.89	—
	95% Upper Confidence Limit, Col Pct	33.49	28.98	—
An urgent care clinic	Weighted Frequency	21.87	10.33	32.20
	Row Percent	67.92	32.08	100.00
	Column Percent	1.47	1.33	—
	95% Lower Confidence Limit, Col Pct	0.34	0.00	—
	95% Upper Confidence Limit, Col Pct	2.61	2.83	—

2.3. Where do you usually receive medical care?

Table A-33. Usual care settings by gender (continued).

Response	Statistic	Female	Male	Total
Does not know	Weighted Frequency	79.28	31.23	110.51
	Row Percent	71.74	28.26	100.00
	Column Percent	5.34	4.03	—
	95% Lower Confidence Limit, Col Pct	3.24	1.32	—
	95% Upper Confidence Limit, Col Pct	7.43	6.73	—
Some other type of place	Weighted Frequency	50.32	59.23	109.55
	Row Percent	45.93	54.07	100.00
	Column Percent	3.39	7.64	—
	95% Lower Confidence Limit, Col Pct	1.73	3.47	—
	95% Upper Confidence Limit, Col Pct	5.04	11.81	—
Total	Weighted Frequency	1485.23	775.18	2260.41
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the gender group.

Column percent indicates the percentage of the gender group that gave the response.

Weighted Frequency Missing = 17.54. P-value from chi-square test. p=0.01

2.4. In past 6 months, how often did you get appointment for health care as soon as you wanted?

Table A-34. Appointment readily available in past six months.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Never	106	4.72	3.20	6.25
Sometimes	401	17.83	14.91	20.74
Usually	701	31.14	27.56	34.71
Always	896	39.80	36.01	43.59
Didn't have an appointment	117	5.22	3.40	7.03
Does not know	29	1.29	0.45	2.14
Total	2252	100.00	–	–

Weighted Frequency Missing = 26.45.

2.4. In past 6 months, how often did you get appointment for health care as soon as you wanted?

Table A-35. Appointment readily available in past six months, by race/ethnicity.

Response	Statistic	African American	Asian	Hispanic	Native American	Other or Unknown	White	Total
Never	Weighted Frequency	6.33	1.54	8.64	4.86	1.07	83.94	106.38
	Row Percent	5.95	1.45	8.12	4.57	1.01	78.91	100.00
	Column Percent	6.27	2.41	7.35	8.42	7.58	4.42	_
	95% Lower Confidence Limit, Col Pct	3.92	0.01	5.03	5.91	4.06	2.63	_
	95% Upper Confidence Limit, Col Pct	8.62	4.81	9.66	10.93	11.10	6.22	_
Sometimes	Weighted Frequency	21.96	15.96	23.98	9.89	3.71	325.85	401.35
	Row Percent	5.47	3.98	5.97	2.46	0.92	81.19	100.00
	Column Percent	21.75	25.01	20.39	17.13	26.29	17.17	_
	95% Lower Confidence Limit, Col Pct	17.66	16.54	16.78	13.84	20.39	13.74	_
	95% Upper Confidence Limit, Col Pct	25.84	33.48	24.00	20.42	32.20	20.61	_
Usually	Weighted Frequency	27.91	17.22	29.02	17.49	2.81	606.61	701.06
	Row Percent	3.98	2.46	4.14	2.49	0.40	86.53	100.00
	Column Percent	27.64	26.99	24.67	30.30	19.91	31.97	_
	95% Lower Confidence Limit, Col Pct	23.22	18.55	20.86	26.28	14.58	27.76	_
	95% Upper Confidence Limit, Col Pct	32.07	35.42	28.49	34.31	25.25	36.19	_
Always	Weighted Frequency	40.98	23.62	46.51	23.21	5.76	756.01	896.09
	Row Percent	4.57	2.64	5.19	2.59	0.64	84.37	100.00
	Column Percent	40.59	37.02	39.55	40.20	40.82	39.85	_
	95% Lower Confidence Limit, Col Pct	35.74	27.83	35.24	35.92	34.30	35.38	_
	95% Upper Confidence Limit, Col Pct	45.44	46.20	43.85	44.49	47.34	44.32	_

2.4. In past 6 months, how often did you get appointment for health care as soon as you wanted?

Table A-35. Appointment readily available in past six months, by race/ethnicity (continued).

Response	Statistic	African American	Asian	Hispanic	Native American	Other or Unknown	White	Total
Didn't have an appointment	Weighted Frequency	3.12	3.75	9.04	1.82	0.46	99.29	117.48
	Row Percent	2.66	3.19	7.69	1.55	0.39	84.52	100.00
	Column Percent	3.09	5.88	7.69	3.15	3.26	5.23	—
	95% Lower Confidence Limit, Col Pct	1.34	2.01	5.28	1.62	1.00	3.09	—
	95% Upper Confidence Limit, Col Pct	4.84	9.75	10.10	4.69	5.52	7.37	—
Does not know	Weighted Frequency	0.66	1.72	0.42	0.46	0.30	25.58	29.14
	Row Percent	2.26	5.90	1.44	1.58	1.03	87.78	100.00
	Column Percent	0.65	2.70	0.36	0.80	2.13	1.35	—
	95% Lower Confidence Limit, Col Pct	0.00	0.00	0.00	0.02	0.06	0.35	—
	95% Upper Confidence Limit, Col Pct	1.40	5.91	0.86	1.58	4.19	2.35	—
Total	Weighted Frequency	100.96	63.81	117.61	57.73	14.11	1897.28	2251.50
	Row Percent	—	—	—	—	—	—	—
	Column Percent	100.00	100.00	100.00	100.00	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—	—	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—	—	—	—	—

Row percent indicates the percentage of responses in the race/ethnicity group.
 Column percent indicates the percentage of the race/ethnicity group that gave the response.
 Weighted Frequency Missing = 26.45. P-value from chi-square test. p=0.0024

2.4. In past 6 months, how often did you get appointment for health care as soon as you wanted?

Table A-36. Appointment readily available in past six months, by language category.

Response	Statistic	English	Other	Spanish	Total
Never	Weighted Frequency	102.76	0.79	2.83	106.38
	Row Percent	96.60	0.74	2.66	100.00
	Column Percent	4.69	4.94	6.60	—
	95% Lower Confidence Limit, Col Pct	3.13	0.00	2.98	—
	95% Upper Confidence Limit, Col Pct	6.25	10.61	10.23	—
Sometimes	Weighted Frequency	387.53	4.90	8.92	401.35
	Row Percent	96.56	1.22	2.22	100.00
	Column Percent	17.67	30.64	20.82	—
	95% Lower Confidence Limit, Col Pct	14.68	8.99	14.81	—
	95% Upper Confidence Limit, Col Pct	20.67	52.29	26.82	—
Usually	Weighted Frequency	692.95	2.44	5.67	701.06
	Row Percent	98.84	0.35	0.81	100.00
	Column Percent	31.60	15.26	13.23	—
	95% Lower Confidence Limit, Col Pct	27.94	0.07	8.31	—
	95% Upper Confidence Limit, Col Pct	35.27	30.45	18.15	—
Always	Weighted Frequency	869.51	6.35	20.23	896.09
	Row Percent	97.03	0.71	2.26	100.00
	Column Percent	39.66	39.71	47.21	—
	95% Lower Confidence Limit, Col Pct	35.77	8.70	39.94	—
	95% Upper Confidence Limit, Col Pct	43.54	70.73	54.48	—
Didn't have an appointment	Weighted Frequency	111.37	1.09	5.02	117.48
	Row Percent	94.80	0.93	4.27	100.00
	Column Percent	5.08	6.82	11.72	—
	95% Lower Confidence Limit, Col Pct	3.22	0.00	6.86	—
	95% Upper Confidence Limit, Col Pct	6.94	14.96	16.57	—

2.4. In past 6 months, how often did you get appointment for health care as soon as you wanted?

Table A-36. Appointment readily available in past six months, by language category (continued).

Response	Statistic	English	Other	Spanish	Total
Does not know	Weighted Frequency	28.54	0.42	0.18	29.14
	Row Percent	97.94	1.44	0.62	100.00
	Column Percent	1.30	2.63	0.42	—
	95% Lower Confidence Limit, Col Pct	0.43	0.00	0.00	—
	95% Upper Confidence Limit, Col Pct	2.17	7.85	1.24	—
Total	Weighted Frequency	2192.66	15.99	42.85	2251.50
	Row Percent	—	—	—	—
	Column Percent	100.00	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—	—

Row percent indicates the percentage of responses in the language group.

Column percent indicates the percentage of the language group that gave the response.

Weighted Frequency Missing = 26.45. P-value from chi-square test. p=0.0052

2.4. In past 6 months, how often did you get appointment for health care as soon as you wanted?

Table A-37. Appointment readily available in past six months, by gender.

Response	Statistic	Female	Male	Total
Never	Weighted Frequency	66.58	39.80	106.38
	Row Percent	62.59	37.41	100.00
	Column Percent	4.49	5.17	—
	95% Lower Confidence Limit, Col Pct	2.63	2.54	—
	95% Upper Confidence Limit, Col Pct	6.36	7.79	—
Sometimes	Weighted Frequency	280.03	121.32	401.35
	Row Percent	69.77	30.23	100.00
	Column Percent	18.90	15.75	—
	95% Lower Confidence Limit, Col Pct	15.35	10.66	—
	95% Upper Confidence Limit, Col Pct	22.46	20.84	—
Usually	Weighted Frequency	533.90	167.16	701.06
	Row Percent	76.16	23.84	100.00
	Column Percent	36.04	21.70	—
	95% Lower Confidence Limit, Col Pct	31.62	15.88	—
	95% Upper Confidence Limit, Col Pct	40.46	27.52	—
Always	Weighted Frequency	530.65	365.44	896.09
	Row Percent	59.22	40.78	100.00
	Column Percent	35.82	47.44	—
	95% Lower Confidence Limit, Col Pct	31.48	40.35	—
	95% Upper Confidence Limit, Col Pct	40.17	54.54	—
Didn't have an appointment	Weighted Frequency	46.57	70.91	117.48
	Row Percent	39.64	60.36	100.00
	Column Percent	3.14	9.21	—
	95% Lower Confidence Limit, Col Pct	1.57	4.93	—
	95% Upper Confidence Limit, Col Pct	4.72	13.49	—

2.4. In past 6 months, how often did you get appointment for health care as soon as you wanted?

Table A-37. Appointment readily available in past six months, by gender (continued).

Response	Statistic	Female	Male	Total
Does not know	Weighted Frequency	23.53	5.61	29.14
	Row Percent	80.75	19.25	100.00
	Column Percent	1.59	0.73	—
	95% Lower Confidence Limit, Col Pct	0.41	0.00	—
	95% Upper Confidence Limit, Col Pct	2.77	1.72	—
Total	Weighted Frequency	1481.26	770.24	2251.50
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the gender group.

Column percent indicates the percentage of the gender group that gave the response.

Weighted Frequency Missing = 26.45. P-value from chi-square test. $p < .0001$

2.4. In past 6 months, how often did you get appointment for health care as soon as you wanted?

Table A-38. Appointment readily available in past six months, by rural/urban.

Response	Statistic	Rural	Urban	Total
Never	Weighted Frequency	51.64	54.74	106.38
	Row Percent	48.54	51.46	100.00
	Column Percent	5.05	4.45	—
	95% Lower Confidence Limit, Col Pct	2.65	2.51	—
	95% Upper Confidence Limit, Col Pct	7.45	6.40	—
Sometimes	Weighted Frequency	196.71	204.64	401.35
	Row Percent	49.01	50.99	100.00
	Column Percent	19.24	16.65	—
	95% Lower Confidence Limit, Col Pct	14.67	12.90	—
	95% Upper Confidence Limit, Col Pct	23.81	20.40	—
Usually	Weighted Frequency	301.98	399.08	701.06
	Row Percent	43.07	56.93	100.00
	Column Percent	29.54	32.47	—
	95% Lower Confidence Limit, Col Pct	24.30	27.59	—
	95% Upper Confidence Limit, Col Pct	34.77	37.35	—
Always	Weighted Frequency	414.24	481.85	896.09
	Row Percent	46.23	53.77	100.00
	Column Percent	40.52	39.20	—
	95% Lower Confidence Limit, Col Pct	34.79	34.16	—
	95% Upper Confidence Limit, Col Pct	46.24	44.25	—
Didn't have an appointment	Weighted Frequency	31.87	85.61	117.48
	Row Percent	27.13	72.87	100.00
	Column Percent	3.12	6.97	—
	95% Lower Confidence Limit, Col Pct	1.18	4.08	—
	95% Upper Confidence Limit, Col Pct	5.05	9.85	—

2.4. In past 6 months, how often did you get appointment for health care as soon as you wanted?

Table A-38. Appointment readily available in past six months, by rural/urban (continued).

Response	Statistic	Rural	Urban	Total
Does not know	Weighted Frequency	25.98	3.16	29.14
	Row Percent	89.16	10.84	100.00
	Column Percent	2.54	0.26	—
	95% Lower Confidence Limit, Col Pct	0.70	0.07	—
	95% Upper Confidence Limit, Col Pct	4.38	0.45	—
Total	Weighted Frequency	1022.42	1229.08	2251.50
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the geographic location group.

Column percent indicates the percentage of the geographic location group that gave the response.

Weighted Frequency Missing = 26.45. P-value from chi-square test. p=0.0105

4.1. Have you smoked at least 100 cigarettes in your entire life?

Table A-39. Respondent has smoked at least 100 cigarettes.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	1390	62.31	58.58	66.04
No	815	36.51	32.81	40.22
Does not know	26	1.17	0.32	2.03
Total	2231	100.00	–	–

Weighted Frequency Missing = 46.86.

4.1. Have you smoked at least 100 cigarettes in your entire life?

Table A-40. Respondent has smoked at least 100 cigarettes, by race/ethnicity.

Response	Statistic	African American	Asian	Hispanic	Native American	Other or Unknown	White	Total
Yes	Weighted Frequency	55.62	17.79	38.38	37.03	6.84	1234.57	1390.23
	Row Percent	4.00	1.28	2.76	2.66	0.49	88.80	100.00
	Column Percent	55.93	28.18	32.96	64.96	50.07	65.62	_
	95% Lower Confidence Limit, Col Pct	50.98	19.69	28.77	60.76	43.31	61.23	_
	95% Upper Confidence Limit, Col Pct	60.88	36.66	37.16	69.17	56.84	70.01	_
No	Weighted Frequency	43.33	45.10	76.95	19.61	6.75	622.93	814.67
	Row Percent	5.32	5.54	9.45	2.41	0.83	76.46	100.00
	Column Percent	43.57	71.43	66.09	34.40	49.41	33.11	_
	95% Lower Confidence Limit, Col Pct	38.63	62.92	61.86	30.22	42.65	28.76	_
	95% Upper Confidence Limit, Col Pct	48.51	79.94	70.31	38.59	56.18	37.46	_
Does not know	Weighted Frequency	0.50	0.25	1.11	0.36	0.07	23.90	26.19
	Row Percent	1.91	0.95	4.24	1.37	0.27	91.26	100.00
	Column Percent	0.50	0.40	0.95	0.63	0.51	1.27	_
	95% Lower Confidence Limit, Col Pct	0.00	0.00	0.11	0.00	0.00	0.26	_
	95% Upper Confidence Limit, Col Pct	1.20	1.17	1.79	1.35	1.51	2.28	_
Total	Weighted Frequency	99.45	63.14	116.44	57.00	13.66	1881.40	2231.09
	Row Percent	_	_	_	_	_	_	_
	Column Percent	100.00	100.00	100.00	100.00	100.00	100.00	_
	95% Lower Confidence Limit, Col Pct	_	_	_	_	_	_	_
	95% Upper Confidence Limit, Col Pct	_	_	_	_	_	_	_

Row percent indicates the percentage of responses in the race/ethnicity group.
 Column percent indicates the percentage of the race/ethnicity group that gave the response.
 Weighted Frequency Missing = 46.86. P-value from chi-square test. p<.0001

4.1. Have you smoked at least 100 cigarettes in your entire life?

Table A-41. Respondent has smoked at least 100 cigarettes, by language category.

Response	Statistic	English	Other	Spanish	Total
Yes	Weighted Frequency	1377.86	0.87	11.50	1390.23
	Row Percent	99.11	0.06	0.83	100.00
	Column Percent	63.42	5.44	27.12	—
	95% Lower Confidence Limit, Col Pct	59.60	0.00	20.43	—
	95% Upper Confidence Limit, Col Pct	67.24	13.88	33.80	—
No	Weighted Frequency	769.12	14.87	30.68	814.67
	Row Percent	94.41	1.83	3.77	100.00
	Column Percent	35.40	93.00	72.34	—
	95% Lower Confidence Limit, Col Pct	31.61	83.88	65.62	—
	95% Upper Confidence Limit, Col Pct	39.19	100.00	79.06	—
Does not know	Weighted Frequency	25.71	0.25	0.23	26.19
	Row Percent	98.17	0.95	0.88	100.00
	Column Percent	1.18	1.56	0.54	—
	95% Lower Confidence Limit, Col Pct	0.30	0.00	0.00	—
	95% Upper Confidence Limit, Col Pct	2.06	4.70	1.60	—
Total	Weighted Frequency	2172.69	15.99	42.41	2231.09
	Row Percent	—	—	—	—
	Column Percent	100.00	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—	—

Row percent indicates the percentage of responses in the language group.

Column percent indicates the percentage of the language group that gave the response.

Weighted Frequency Missing = 46.86. P-value from chi-square test. p<.0001

4.2. Do you now smoke cigarettes every day, some days, or not at all?

Table A-42. Respondent now smokes.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Everyday	710	51.11	46.13	56.08
Some days	231	16.59	12.97	20.20
Not at all	446	32.06	27.49	36.63
Does not know	3	0.25	0.00	0.70
Total	1390	100.00	–	–

Weighted Frequency Missing = 887.98.

4.3. On the average, about how many cigarettes a day do you now smoke?

Table A-43. Current amount of daily smoking.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Half a pack or less	301	42.63	35.48	49.78
More than half a pack up to one pack	344	48.67	41.45	55.88
More than one pack up to two packs	46	6.51	2.88	10.15
More than two packs	3	0.47	0.00	1.28
Does not know	12	1.72	0.00	3.53
Total	707	100.00	–	–

Weighted Frequency Missing = 1571.01.

4.4. On the average, when you smoked during the past 30 days, about how many cigarettes did you smoke a day?

Table A-44. Average daily smoking, past 30 days.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Half a pack or less	206	89.17	81.56	96.77
More than half a pack up to one pack	16	6.86	0.70	13.03
More than one pack up to two packs	1	0.36	0.00	0.73
More than two packs	0	0.11	0.00	0.32
Does not know	8	3.50	0.00	8.32
Total	231	100.00	–	–

Weighted Frequency Missing = 2047.42.

4.5. During the past 12 months, have you quit smoking for 1 day or longer?

Table A-45. Respondent quit smoking, past 12 months.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	617	65.56	59.69	71.44
No	320	34.01	28.15	39.87
Does not know	4	0.43	0.00	1.22
Total	941	100.00	–	–

Weighted Frequency Missing = 1337.06.

4.6. The last time you tried to quit smoking, did you use the nicotine patch, nicotine gum, or any other medication to help you quit?

Table A-46. Tried to quit smoking, used patch, gum, or medication.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	224	36.32	28.94	43.71
No	393	63.66	56.28	71.05
Does not know	0	0.02	0.00	0.05
Total	617	100.00	–	–

Weighted Frequency Missing = 1661.06.

4.7. The last time you tried to quit smoking, did you use any other assistance such as classes or counseling?

Table A-47. Tried to quit smoking, used classes or counseling.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	51	8.21	4.19	12.23
No	566	91.76	87.74	95.77
Does not know	0	0.03	0.00	0.08
Total	617	100.00	–	–

Weighted Frequency Missing = 1661.26.

4.7. The last time you tried to quit smoking, did you use any other assistance such as classes or counseling?

Table A-48. Tried to quit smoking, used classes or counseling, by gender.

Response	Statistic	Female	Male	Total
Yes	Weighted Frequency	42.40	8.24	50.64
	Row Percent	83.73	16.27	100.00
	Column Percent	10.98	3.57	—
	95% Lower Confidence Limit, Col Pct	5.14	0.00	—
	95% Upper Confidence Limit, Col Pct	16.82	7.65	—
No	Weighted Frequency	343.59	222.26	565.85
	Row Percent	60.72	39.28	100.00
	Column Percent	88.99	96.39	—
	95% Lower Confidence Limit, Col Pct	83.15	92.31	—
	95% Upper Confidence Limit, Col Pct	94.83	100.00	—
Does not know	Weighted Frequency	0.12	0.08	0.20
	Row Percent	60.00	40.00	100.00
	Column Percent	0.03	0.03	—
	95% Lower Confidence Limit, Col Pct	0.00	0.00	—
	95% Upper Confidence Limit, Col Pct	0.09	0.10	—
Total	Weighted Frequency	386.11	230.58	616.69
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the gender group.

Column percent indicates the percentage of the gender group that gave the response.

Weighted Frequency Missing = 1661.26. P-value from chi-square test. $p=0.0317$

4.7. The last time you tried to quit smoking, did you use any other assistance such as classes or counseling?

Table A-49. Tried to quit smoking, used classes or counseling, by rural/urban.

Response	Statistic	Rural	Urban	Total
Yes	Weighted Frequency	4.97	45.67	50.64
	Row Percent	9.81	90.19	100.00
	Column Percent	2.00	12.42	—
	95% Lower Confidence Limit, Col Pct	0.00	6.10	—
	95% Upper Confidence Limit, Col Pct	4.92	18.74	—
No	Weighted Frequency	243.86	321.99	565.85
	Row Percent	43.10	56.90	100.00
	Column Percent	97.96	87.56	—
	95% Lower Confidence Limit, Col Pct	95.03	81.24	—
	95% Upper Confidence Limit, Col Pct	100.00	93.88	—
Does not know	Weighted Frequency	0.12	0.08	0.20
	Row Percent	60.00	40.00	100.00
	Column Percent	0.05	0.02	—
	95% Lower Confidence Limit, Col Pct	0.00	0.00	—
	95% Upper Confidence Limit, Col Pct	0.14	0.06	—
Total	Weighted Frequency	248.95	367.74	616.69
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the geographic location group.
 Column percent indicates the percentage of the geographic location group that gave the response.
 Weighted Frequency Missing = 1661.26. P-value from chi-square test. p=0.0008

4.8. On the days that you smoke, how soon after you awake in the morning do you usually smoke your first cigarette?

Table A-50. Time from waking to first cigarette.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
0 up to 15 minutes	340	36.32	30.45	42.20
15 up to 30 minutes	136	14.55	9.95	19.16
30 up to 60 minutes	139	14.80	10.44	19.16
60 up to 120 minutes	144	15.37	10.82	19.91
More than 120 minutes	160	17.05	12.50	21.61
Does not know	18	1.91	0.24	3.58
Total	937	100.00	–	–

Weighted Frequency Missing = 1341.22.

4.9. About how long has it been since you last smoked cigarettes regularly, that is, daily?

Table A-51. Period since respondent last smoked daily.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
0 to 1 month ago	25	5.67	1.51	9.83
1 to 3 months ago	15	3.44	0.45	6.43
3 to 6 months ago	23	5.16	1.22	9.10
6 to 12 months ago	23	5.11	1.49	8.74
1 to 5 years ago	144	32.57	24.46	40.68
5 to 15 years ago	109	24.58	17.35	31.81
15 or more years ago	99	22.48	15.34	29.63
Does not know	4	0.98	0.00	2.64
Total	442	100.00	—	—

Weighted Frequency Missing = 1836.

4.9. About how long has it been since you last smoked cigarettes regularly, that is, daily?

Table A-52. Period since respondent last smoked daily, by gender.

Response	Statistic	Female	Male	Total
0 to 1 month ago	Weighted Frequency	15.44	9.62	25.06
	Row Percent	61.61	38.39	100.00
	Column Percent	5.45	6.06	—
	95% Lower Confidence Limit, Col Pct	0.59	0.00	—
	95% Upper Confidence Limit, Col Pct	10.32	13.72	—
1 to 3 months ago	Weighted Frequency	13.95	1.26	15.21
	Row Percent	91.72	8.28	100.00
	Column Percent	4.93	0.79	—
	95% Lower Confidence Limit, Col Pct	0.32	0.11	—
	95% Upper Confidence Limit, Col Pct	9.53	1.48	—
3 to 6 months ago	Weighted Frequency	13.60	9.22	22.82
	Row Percent	59.60	40.40	100.00
	Column Percent	4.80	5.81	—
	95% Lower Confidence Limit, Col Pct	0.41	0.00	—
	95% Upper Confidence Limit, Col Pct	9.19	13.47	—
6 to 12 months ago	Weighted Frequency	21.65	0.94	22.59
	Row Percent	95.84	4.16	100.00
	Column Percent	7.65	0.59	—
	95% Lower Confidence Limit, Col Pct	2.08	0.01	—
	95% Upper Confidence Limit, Col Pct	13.21	1.17	—
1 to 5 years ago	Weighted Frequency	111.21	32.73	143.94
	Row Percent	77.26	22.74	100.00
	Column Percent	39.28	20.61	—
	95% Lower Confidence Limit, Col Pct	28.83	8.77	—
	95% Upper Confidence Limit, Col Pct	49.73	32.45	—

4.9. About how long has it been since you last smoked cigarettes regularly, that is, daily?

Table A-52. Period since respondent last smoked daily, by gender (continued).

Response	Statistic	Female	Male	Total
5 to 15 years ago	Weighted Frequency	55.78	52.85	108.63
	Row Percent	51.35	48.65	100.00
	Column Percent	19.70	33.28	—
	95% Lower Confidence Limit, Col Pct	11.47	19.81	—
	95% Upper Confidence Limit, Col Pct	27.93	46.75	—
15 or more years ago	Weighted Frequency	47.48	51.89	99.37
	Row Percent	47.78	52.22	100.00
	Column Percent	16.77	32.67	—
	95% Lower Confidence Limit, Col Pct	8.98	18.98	—
	95% Upper Confidence Limit, Col Pct	24.56	46.37	—
Does not know	Weighted Frequency	4.03	0.30	4.33
	Row Percent	93.07	6.93	100.00
	Column Percent	1.42	0.19	—
	95% Lower Confidence Limit, Col Pct	0.00	0.00	—
	95% Upper Confidence Limit, Col Pct	4.01	0.46	—
Total	Weighted Frequency	283.14	158.81	441.95
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the gender group.

Column percent indicates the percentage of the gender group that gave the response.

Weighted Frequency Missing = 1836. P-value from chi-square test. p=0.0038

4.10. Thinking of when you successfully quit smoking, please tell me the single most important reason you had for quitting.

Table A-53. Most important reasons for quitting smoking.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Concern about my future health	43	18.85	9.46	28.25
Concern about my health at the time	104	45.29	33.19	57.39
Concern for the health of those around me (secondhand smoke)	6	2.42	0.00	6.02
Cost of cigarettes	11	4.57	0.00	9.37
Doctor advised me to quit	1	0.40	0.00	0.81
Does not know	0	0.18	0.00	0.39
It isn't the thing to do anymore	1	0.61	0.09	1.12
Laws restricting smoking	4	1.61	0.00	4.76
Other (SPECIFY:)	7	3.09	0.00	6.75
Pregnancy	27	11.96	4.02	19.91
Pressure from family and friends	25	10.94	3.10	18.79
Workplace smoking policy	0	0.08	0.00	0.23
Total	230	100.00	—	—

Weighted Frequency Missing = 2048.33.

4.11. When you quit smoking the last time, did you use the nicotine patch, nicotine gum, or any other medication to help you quit?

Table A-54. Quit smoking, used patch, gum, or medication.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	70	30.90	19.36	42.43
No	156	69.10	57.57	80.64
Total	226	100.00	–	–

Weighted Frequency Missing = 2052.13.

4.11. When you quit smoking the last time, did you use the nicotine patch, nicotine gum, or any other medication to help you quit?

Table A-55. Quit smoking, used patch, gum, or medication, by race/ethnicity.

Response	Statistic	African American	Asian	Hispanic	Native American	Other or Unknown	White	Total
Yes	Weighted Frequency	2.02	1.02	0.24	1.07	0.30	65.12	69.77
	Row Percent	2.90	1.46	0.34	1.53	0.43	93.34	100.00
	Column Percent	20.08	29.57	3.44	16.74	23.44	32.94	—
	95% Lower Confidence Limit, Col Pct	7.49	0.00	0.00	6.60	4.91	19.83	—
	95% Upper Confidence Limit, Col Pct	32.67	66.05	10.13	26.89	41.96	46.06	—
No	Weighted Frequency	8.04	2.43	6.73	5.32	0.98	132.55	156.05
	Row Percent	5.15	1.56	4.31	3.41	0.63	84.94	100.00
	Column Percent	79.92	70.43	96.56	83.26	76.56	67.06	—
	95% Lower Confidence Limit, Col Pct	67.33	33.95	89.87	73.11	58.04	53.94	—
	95% Upper Confidence Limit, Col Pct	92.51	100.00	100.00	93.40	95.09	80.17	—
Total	Weighted Frequency	10.06	3.45	6.97	6.39	1.28	197.67	225.82
	Row Percent	—	—	—	—	—	—	—
	Column Percent	100.00	100.00	100.00	100.00	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—	—	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—	—	—	—	—

Row percent indicates the percentage of responses in the race/ethnicity group.
 Column percent indicates the percentage of the race/ethnicity group that gave the response.
 Weighted Frequency Missing = 2052.13. P-value from chi-square test. p=0.0255

4.11. When you quit smoking the last time, did you use the nicotine patch, nicotine gum, or any other medication to help you quit?

Table A-56. Quit smoking, used patch, gum, or medication, by age.

Response	Statistic	19–24	25–34	35–44	45–54	55–64	Total
Yes	Weighted Frequency	0.08	6.05	27.12	22.17	14.35	69.77
	Row Percent	0.11	8.67	38.87	31.78	20.57	100.00
	Column Percent	0.22	11.16	48.17	61.55	33.65	–
	95% Lower Confidence Limit, Col Pct	0.00	0.00	21.93	35.21	7.71	–
	95% Upper Confidence Limit, Col Pct	0.67	25.98	74.41	87.89	59.60	–
No	Weighted Frequency	36.57	48.16	29.18	13.85	28.29	156.05
	Row Percent	23.43	30.86	18.70	8.88	18.13	100.00
	Column Percent	99.78	88.84	51.83	38.45	66.35	–
	95% Lower Confidence Limit, Col Pct	99.33	74.02	25.59	12.11	40.40	–
	95% Upper Confidence Limit, Col Pct	100.00	100.00	78.07	64.79	92.29	–
Total	Weighted Frequency	36.65	54.21	56.30	36.02	42.64	225.82
	Row Percent	–	–	–	–	–	–
	Column Percent	100.00	100.00	100.00	100.00	100.00	–
	95% Lower Confidence Limit, Col Pct	–	–	–	–	–	–
	95% Upper Confidence Limit, Col Pct	–	–	–	–	–	–

Row percent indicates the percentage of responses in the age group.
 Column percent indicates the percentage of the age group that gave the response.
 Weighted Frequency Missing = 2052.13. P-value from chi-square test. p=0.0003

4.12. When you quit smoking, did you use any other assistance such as classes or counseling?

Table A-57. Quit smoking, used classes or counseling.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	11	4.79	0.00	10.63
No	215	95.12	89.29	100.00
Does not know	0	0.08	0.00	0.25
Total	226	100.00	–	–

Weighted Frequency Missing = 2052.13.

4.13. At your last visit to your health care provider, did someone ask you if you smoked, either by questionnaire or in person?

Table A-58. Provider asked whether respondent smoked, last visit.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	1458	67.47	63.72	71.21
No	703	32.53	28.79	36.28
Total	2161	100.00	–	–

Weighted Frequency Missing = 116.96.

4.13. At your last visit to your health care provider, did someone ask you if you smoked, either by questionnaire or in person?

Table A-59. Provider asked whether respondent smoked, last visit, by race/ethnicity.

Response	Statistic	African American	Asian	Hispanic	Native American	Other or Unknown	White	Total
Yes	Weighted Frequency	67.80	40.35	84.62	42.72	8.82	1213.68	1457.99
	Row Percent	4.65	2.77	5.80	2.93	0.60	83.24	100.00
	Column Percent	70.01	66.31	75.16	77.69	66.22	66.60	—
	95% Lower Confidence Limit, Col Pct	65.38	57.00	71.26	74.00	59.76	62.18	—
	95% Upper Confidence Limit, Col Pct	74.64	75.62	79.05	81.38	72.68	71.01	—
No	Weighted Frequency	29.04	20.50	27.97	12.27	4.50	608.72	703.00
	Row Percent	4.13	2.92	3.98	1.75	0.64	86.59	100.00
	Column Percent	29.99	33.69	24.84	22.31	33.78	33.40	—
	95% Lower Confidence Limit, Col Pct	25.36	24.38	20.95	18.62	27.32	28.99	—
	95% Upper Confidence Limit, Col Pct	34.62	43.00	28.74	26.00	40.24	37.82	—
Total	Weighted Frequency	96.84	60.85	112.59	54.99	13.32	1822.40	2160.99
	Row Percent	—	—	—	—	—	—	—
	Column Percent	100.00	100.00	100.00	100.00	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—	—	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—	—	—	—	—

Row percent indicates the percentage of responses in the race/ethnicity group.
 Column percent indicates the percentage of the race/ethnicity group that gave the response.
 Weighted Frequency Missing = 116.96. P-value from chi-square test. p=0.003

4.14. At your last visit to your health care provider, were you advised to quit smoking?

Table A-60. Provider advised respondent to quit smoking, last visit.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	592	64.03	58.12	69.94
No	333	35.97	30.06	41.88
Total	925	100.00	–	–

Weighted Frequency Missing = 1352.73.

4.15. Has a doctor or other health professional ever advised you to quit smoking?

Table A-61. Health professional advised respondent to quit smoking.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	237	68.23	59.11	77.36
No	110	31.77	22.64	40.89
Total	347	100.00	–	–

Weighted Frequency Missing = 1931.32.

4.15. Has a doctor or other health professional ever advised you to quit smoking?

Table A-62. Health professional advised respondent to quit smoking, by race/ethnicity.

Response	Statistic	African American	Asian	Hispanic	Native American	Other or Unknown	White	Total
Yes	Weighted Frequency	7.10	1.56	4.43	5.59	0.98	216.86	236.52
	Row Percent	3.00	0.66	1.87	2.36	0.41	91.69	100.00
	Column Percent	51.90	35.14	49.94	66.00	52.69	70.11	—
	95% Lower Confidence Limit, Col Pct	38.04	4.59	33.58	54.93	34.43	59.95	—
	95% Upper Confidence Limit, Col Pct	65.76	65.68	66.31	77.06	70.94	80.27	—
No	Weighted Frequency	6.58	2.88	4.44	2.88	0.88	92.45	110.11
	Row Percent	5.98	2.62	4.03	2.62	0.80	83.96	100.00
	Column Percent	48.10	64.86	50.06	34.00	47.31	29.89	—
	95% Lower Confidence Limit, Col Pct	34.24	34.32	33.69	22.94	29.06	19.73	—
	95% Upper Confidence Limit, Col Pct	61.96	95.41	66.42	45.07	65.57	40.05	—
Total	Weighted Frequency	13.68	4.44	8.87	8.47	1.86	309.31	346.63
	Row Percent	—	—	—	—	—	—	—
	Column Percent	100.00	100.00	100.00	100.00	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—	—	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—	—	—	—	—

Row percent indicates the percentage of responses in the race/ethnicity group.
 Column percent indicates the percentage of the race/ethnicity group that gave the response.
 Weighted Frequency Missing = 1931.32. P-value from chi-square test. p=0.0028

4.15. Has a doctor or other health professional ever advised you to quit smoking?

Table A-63. Health professional advised respondent to quit smoking, by Medicaid reimbursement category.

Response	Statistic	FFS	MC	Total
Yes	Weighted Frequency	72.04	160.94	232.98
	Row Percent	30.92	69.08	100.00
	Column Percent	54.59	76.23	–
	95% Lower Confidence Limit, Col Pct	38.58	65.73	–
	95% Upper Confidence Limit, Col Pct	70.59	86.74	–
No	Weighted Frequency	59.93	50.18	110.11
	Row Percent	54.43	45.57	100.00
	Column Percent	45.41	23.77	–
	95% Lower Confidence Limit, Col Pct	29.41	13.26	–
	95% Upper Confidence Limit, Col Pct	61.42	34.27	–
Total	Weighted Frequency	131.97	211.12	343.09
	Row Percent	–	–	–
	Column Percent	100.00	100.00	–
	95% Lower Confidence Limit, Col Pct	–	–	–
	95% Upper Confidence Limit, Col Pct	–	–	–

Row percent indicates the percentage of responses in the Medicaid enrollment group.
 Column percent indicates the percentage of the Medicaid enrollment group that gave the response.
 Weighted Frequency Missing = 1931.32. P-value from chi-square test. p=0.0232

4.16. When was the last time a health care professional advised you to quit smoking?

Table A-64. Last time advised by health professional to quit smoking.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
1 to 12 months	96	46.40	33.57	59.23
1 to 3 years	54	25.98	14.51	37.45
3 or more years ago	57	27.62	16.12	39.12
Total	207	100.00	–	–

Weighted Frequency Missing = 2071.36.

4.17. At your last visit to your health care provider, were you offered recommendations or assistance on how to quit smoking?

Table A-65. Provider offered assistance to quit smoking, last visit.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	375	40.93	34.79	47.07
No	541	59.07	52.93	65.21
Total	916	100.00	–	–

Weighted Frequency Missing = 1361.84.

4.18. If you were trying to quit smoking, how helpful do you think it would be to use any type of nicotine replacement products, or quit smoking medications like nicotine patch, gum, nasal spray, inhaler or Zyban?

Table A-66. Opinion of usefulness of smoking cessation products.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Very helpful	256	27.51	21.97	33.05
Somewhat helpful	251	26.96	21.40	32.51
Not very helpful	81	8.68	5.22	12.14
Not helpful at all	252	27.07	21.59	32.55
Does not know	91	9.78	6.19	13.38
Total	931	100.00	–	–

Weighted Frequency Missing = 1346.62.

4.18. If you were trying to quit smoking, how helpful do you think it would be to use any type of nicotine replacement products, or quit smoking medications like nicotine patch, gum, nasal spray, inhaler or Zyban?

Table A-67. Opinion of usefulness of smoking cessation products, by race/ethnicity.

Response	Statistic	African American	Asian	Hispanic	Native American	Other or Unknown	White	Total
Very helpful	Weighted Frequency	12.74	1.02	4.98	5.23	1.29	230.95	256.21
	Row Percent	4.97	0.40	1.94	2.04	0.50	90.14	100.00
	Column Percent	34.06	10.14	26.28	22.03	30.21	27.60	_
	95% Lower Confidence Limit, Col Pct	26.30	0.00	16.47	16.33	19.04	21.44	_
	95% Upper Confidence Limit, Col Pct	41.83	21.53	36.09	27.73	41.38	33.75	_
Somewhat helpful	Weighted Frequency	7.23	1.09	4.63	5.53	1.28	231.29	251.05
	Row Percent	2.88	0.43	1.84	2.20	0.51	92.13	100.00
	Column Percent	19.33	10.83	24.43	23.29	29.98	27.64	_
	95% Lower Confidence Limit, Col Pct	12.82	0.00	14.98	17.43	18.99	21.47	_
	95% Upper Confidence Limit, Col Pct	25.84	23.00	33.88	29.16	40.97	33.80	_
Not very helpful	Weighted Frequency	3.28	1.20	1.16	1.65	0.38	73.18	80.85
	Row Percent	4.06	1.48	1.43	2.04	0.47	90.51	100.00
	Column Percent	8.77	11.93	6.12	6.95	8.90	8.74	_
	95% Lower Confidence Limit, Col Pct	4.17	0.00	0.88	3.52	2.01	4.91	_
	95% Upper Confidence Limit, Col Pct	13.37	25.32	11.36	10.39	15.79	12.58	_
Not helpful at all	Weighted Frequency	9.65	3.89	4.74	6.98	0.97	225.86	252.09
	Row Percent	3.83	1.54	1.88	2.77	0.38	89.59	100.00
	Column Percent	25.80	38.67	25.01	29.40	22.72	26.99	_
	95% Lower Confidence Limit, Col Pct	18.64	16.68	15.15	23.16	12.52	20.91	_
	95% Upper Confidence Limit, Col Pct	32.97	60.66	34.87	35.64	32.91	33.07	_
Does not know	Weighted Frequency	4.50	2.86	3.44	4.35	0.35	75.63	91.13
	Row Percent	4.94	3.14	3.77	4.77	0.38	82.99	100.00
	Column Percent	12.03	28.43	18.15	18.32	8.20	9.04	_
	95% Lower Confidence Limit, Col Pct	6.73	7.07	9.72	13.05	1.75	5.06	_
	95% Upper Confidence Limit, Col Pct	17.33	49.79	26.59	23.60	14.65	13.02	_

4.18. If you were trying to quit smoking, how helpful do you think it would be to use any type of nicotine replacement products, or quit smoking medications like nicotine patch, gum, nasal spray, inhaler or Zyban?

Table A-67. Opinion of usefulness of smoking cessation products, by race/ethnicity (continued).

Response	Statistic	African American	Asian	Hispanic	Native American	Other or Unknown	White	Total
Total	Weighted Frequency	37.40	10.06	18.95	23.74	4.27	836.91	931.33
	Row Percent	–	–	–	–	–	–	–
	Column Percent	100.00	100.00	100.00	100.00	100.00	100.00	–
	95% Lower Confidence Limit, Col Pct	–	–	–	–	–	–	–
	95% Upper Confidence Limit, Col Pct	–	–	–	–	–	–	–

Row percent indicates the percentage of responses in the race/ethnicity group.
 Column percent indicates the percentage of the race/ethnicity group that gave the response.
 Weighted Frequency Missing = 1346.62. P-value from chi-square test. p=0.0054

4.18. If you were trying to quit smoking, how helpful do you think it would be to use any type of nicotine replacement products, or quit smoking medications like nicotine patch, gum, nasal spray, inhaler or Zyban?

Table A-68. Opinion of usefulness of smoking cessation products, by OHP program.

Response	Statistic	OHP Plus	OHP Standard	Total
Very helpful	Weighted Frequency	142.82	113.39	256.21
	Row Percent	55.74	44.26	100.00
	Column Percent	24.73	32.05	—
	95% Lower Confidence Limit, Col Pct	18.22	22.20	—
	95% Upper Confidence Limit, Col Pct	31.25	41.91	—
Somewhat helpful	Weighted Frequency	139.44	111.61	251.05
	Row Percent	55.54	44.46	100.00
	Column Percent	24.15	31.55	—
	95% Lower Confidence Limit, Col Pct	17.49	21.83	—
	95% Upper Confidence Limit, Col Pct	30.80	41.27	—
Not very helpful	Weighted Frequency	67.28	13.57	80.85
	Row Percent	83.22	16.78	100.00
	Column Percent	11.65	3.84	—
	95% Lower Confidence Limit, Col Pct	6.59	0.29	—
	95% Upper Confidence Limit, Col Pct	16.71	7.38	—
Not helpful at all	Weighted Frequency	156.03	95.98	252.01
	Row Percent	61.91	38.09	100.00
	Column Percent	27.02	27.13	—
	95% Lower Confidence Limit, Col Pct	20.18	18.00	—
	95% Upper Confidence Limit, Col Pct	33.86	36.27	—
Does not know	Weighted Frequency	71.93	19.20	91.13
	Row Percent	78.93	21.07	100.00
	Column Percent	12.46	5.43	—
	95% Lower Confidence Limit, Col Pct	7.27	1.40	—
	95% Upper Confidence Limit, Col Pct	17.64	9.45	—

4.18. If you were trying to quit smoking, how helpful do you think it would be to use any type of nicotine replacement products, or quit smoking medications like nicotine patch, gum, nasal spray, inhaler or Zyban?

Table A-68. Opinion of usefulness of smoking cessation products, by OHP program (continued).

Response	Statistic	OHP Plus	OHP Standard	Total
Total	Weighted Frequency	577.50	353.75	931.25
	Row Percent	–	–	–
	Column Percent	100.00	100.00	–
	95% Lower Confidence Limit, Col Pct	–	–	–
	95% Upper Confidence Limit, Col Pct	–	–	–

Row percent indicates the percentage of responses in the OHP benefit package group.
 Column percent indicates the percentage of the OHP benefit package group that gave the response.
 Weighted Frequency Missing = 1346.62. P-value from chi-square test. $p=0.0374$

4.19. If you were trying to quit smoking, how helpful do you think it would be to take part in a smoking cessation program such as classes or counseling?

Table A-69. Opinion of usefulness of classes or counseling.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Very helpful	164	17.62	12.91	22.33
Somewhat helpful	258	27.73	22.08	33.38
Not very helpful	150	16.16	11.68	20.64
Not helpful at all	247	26.55	21.13	31.96
Does not know	111	11.94	7.91	15.96
Total	929	100.00	–	–

Weighted Frequency Missing = 1349.05.

4.19. If you were trying to quit smoking, how helpful do you think it would be to take part in a smoking cessation program such as classes or counseling?

Table A-70. Opinion of usefulness of classes or counseling, by race/ethnicity.

Response	Statistic	African American	Asian	Hispanic	Native American	Other or Unknown	White	Total
Very helpful	Weighted Frequency	10.73	1.30	4.18	3.81	0.63	143.06	163.71
	Row Percent	6.55	0.79	2.55	2.33	0.38	87.39	100.00
	Column Percent	28.94	12.92	22.06	16.12	14.75	17.13	_
	95% Lower Confidence Limit, Col Pct	21.48	0.00	12.85	11.14	6.22	11.91	_
	95% Upper Confidence Limit, Col Pct	36.39	26.94	31.26	21.10	23.29	22.36	_
Somewhat helpful	Weighted Frequency	10.52	2.58	3.36	5.09	1.17	234.87	257.59
	Row Percent	4.08	1.00	1.30	1.98	0.45	91.18	100.00
	Column Percent	28.37	25.65	17.73	21.53	27.40	28.13	_
	95% Lower Confidence Limit, Col Pct	20.94	5.13	9.25	15.83	16.69	21.87	_
	95% Upper Confidence Limit, Col Pct	35.81	46.16	26.21	27.23	38.11	34.39	_
Not very helpful	Weighted Frequency	2.14	0.89	2.96	3.11	0.83	140.20	150.13
	Row Percent	1.43	0.59	1.97	2.07	0.55	93.39	100.00
	Column Percent	5.77	8.85	15.62	13.16	19.44	16.79	_
	95% Lower Confidence Limit, Col Pct	1.87	0.00	7.49	8.55	9.82	11.82	_
	95% Upper Confidence Limit, Col Pct	9.68	21.65	23.75	17.76	29.06	21.77	_
Not helpful at all	Weighted Frequency	10.26	4.87	6.73	8.28	1.09	215.36	246.59
	Row Percent	4.16	1.97	2.73	3.36	0.44	87.34	100.00
	Column Percent	27.67	48.41	35.51	35.03	25.53	25.79	_
	95% Lower Confidence Limit, Col Pct	20.30	26.11	24.80	28.43	14.93	19.79	_
	95% Upper Confidence Limit, Col Pct	35.04	70.71	46.23	41.62	36.12	31.79	_
Does not know	Weighted Frequency	3.43	0.42	1.72	3.35	0.55	101.41	110.88
	Row Percent	3.09	0.38	1.55	3.02	0.50	91.46	100.00
	Column Percent	9.25	4.17	9.08	14.17	12.88	12.15	_
	95% Lower Confidence Limit, Col Pct	4.66	0.00	2.98	9.41	4.83	7.68	_
	95% Upper Confidence Limit, Col Pct	13.84	12.25	15.18	18.93	20.93	16.61	_

4.19. If you were trying to quit smoking, how helpful do you think it would be to take part in a smoking cessation program such as classes or counseling?

Table A-70. Opinion of usefulness of classes or counseling, by race/ethnicity (continued).

Response	Statistic	African American	Asian	Hispanic	Native American	Other or Unknown	White	Total
Total	Weighted Frequency	37.08	10.06	18.95	23.64	4.27	834.90	928.90
	Row Percent	–	–	–	–	–	–	–
	Column Percent	100.00	100.00	100.00	100.00	100.00	100.00	–
	95% Lower Confidence Limit, Col Pct	–	–	–	–	–	–	–
	95% Upper Confidence Limit, Col Pct	–	–	–	–	–	–	–

Row percent indicates the percentage of responses in the race/ethnicity group.
 Column percent indicates the percentage of the race/ethnicity group that gave the response.
 Weighted Frequency Missing = 1349.05. P-value from chi-square test. p=0.0097

4.19. If you were trying to quit smoking, how helpful do you think it would be to take part in a smoking cessation program such as classes or counseling?

Table A-71. Opinion of usefulness of classes or counseling, by rural/urban.

Response	Statistic	Rural	Urban	Total
Very helpful	Weighted Frequency	36.62	127.09	163.71
	Row Percent	22.37	77.63	100.00
	Column Percent	9.16	24.03	—
	95% Lower Confidence Limit, Col Pct	4.01	16.95	—
	95% Upper Confidence Limit, Col Pct	14.30	31.11	—
Somewhat helpful	Weighted Frequency	98.95	158.64	257.59
	Row Percent	38.41	61.59	100.00
	Column Percent	24.74	29.99	—
	95% Lower Confidence Limit, Col Pct	16.59	22.26	—
	95% Upper Confidence Limit, Col Pct	32.90	37.71	—
Not very helpful	Weighted Frequency	80.98	69.15	150.13
	Row Percent	53.94	46.06	100.00
	Column Percent	20.25	13.07	—
	95% Lower Confidence Limit, Col Pct	12.79	7.65	—
	95% Upper Confidence Limit, Col Pct	27.71	18.50	—
Not helpful at all	Weighted Frequency	130.74	115.85	246.59
	Row Percent	53.02	46.98	100.00
	Column Percent	32.69	21.90	—
	95% Lower Confidence Limit, Col Pct	23.76	15.37	—
	95% Upper Confidence Limit, Col Pct	41.62	28.43	—
Does not know	Weighted Frequency	52.63	58.25	110.88
	Row Percent	47.47	52.53	100.00
	Column Percent	13.16	11.01	—
	95% Lower Confidence Limit, Col Pct	6.62	5.98	—
	95% Upper Confidence Limit, Col Pct	19.70	16.04	—

4.19. If you were trying to quit smoking, how helpful do you think it would be to take part in a smoking cessation program such as classes or counseling?

Table A-71. Opinion of usefulness of classes or counseling, by rural/urban (continued).

Response	Statistic	Rural	Urban	Total
Total	Weighted Frequency	399.92	528.98	928.90
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the geographic location group.

Column percent indicates the percentage of the geographic location group that gave the response.

Weighted Frequency Missing = 1349.05. P-value from chi-square test. $p=0.0084$

4.20. Are you seriously considering stopping smoking within the next 6 months?

Table A-72. Considering stopping smoking in next 6 months.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	576	61.79	55.79	67.80
No	311	33.34	27.48	39.20
Does not know	45	4.87	2.46	7.27
Total	931	100.00	–	–

Weighted Frequency Missing = 1346.6.

4.20. Are you seriously considering stopping smoking within the next 6 months?

Table A-73. Considering stopping smoking in next 6 months, by race/ethnicity.

Response	Statistic	African American	Asian	Hispanic	Native American	Other or Unknown	White	Total
Yes	Weighted Frequency	25.34	4.47	12.29	12.76	2.62	518.04	575.52
	Row Percent	4.40	0.78	2.14	2.22	0.46	90.01	100.00
	Column Percent	68.47	44.43	64.04	54.21	63.44	61.86	—
	95% Lower Confidence Limit, Col Pct	60.82	22.46	53.39	47.34	51.69	55.21	—
	95% Upper Confidence Limit, Col Pct	76.11	66.41	74.70	61.07	75.18	68.52	—
No	Weighted Frequency	7.80	2.89	4.37	8.98	1.22	285.24	310.50
	Row Percent	2.51	0.93	1.41	2.89	0.39	91.86	100.00
	Column Percent	21.08	28.73	22.77	38.15	29.54	34.06	—
	95% Lower Confidence Limit, Col Pct	14.31	9.56	13.55	31.46	18.41	27.56	—
	95% Upper Confidence Limit, Col Pct	27.84	47.89	31.99	44.84	40.67	40.56	—
Does not know	Weighted Frequency	3.87	2.70	2.53	1.80	0.29	34.14	45.33
	Row Percent	8.54	5.96	5.58	3.97	0.64	75.31	100.00
	Column Percent	10.46	26.84	13.18	7.65	7.02	4.08	—
	95% Lower Confidence Limit, Col Pct	5.52	5.00	5.47	3.99	0.94	1.44	—
	95% Upper Confidence Limit, Col Pct	15.39	48.68	20.90	11.30	13.10	6.71	—
Total	Weighted Frequency	37.01	10.06	19.19	23.54	4.13	837.42	931.35
	Row Percent	—	—	—	—	—	—	—
	Column Percent	100.00	100.00	100.00	100.00	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—	—	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—	—	—	—	—

Row percent indicates the percentage of responses in the race/ethnicity group.
 Column percent indicates the percentage of the race/ethnicity group that gave the response.
 Weighted Frequency Missing = 1346.6. P-value from chi-square test. $p < .0001$

4.21. Are you planning to stop within the next 30 days?

Table A-74. Planning to stop smoking in next 30 days.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	236	40.95	33.10	48.80
No	280	48.73	40.80	56.66
Does not know	59	10.32	5.42	15.21
Total	575	100.00	–	–

Weighted Frequency Missing = 1702.67.

4.22. Does your health insurance coverage pay for the cost of any quit smoking medications, products, or programs?

Table A-75. Health insurance pays for smoking cessation products.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	320	36.18	30.01	42.35
No	176	19.87	14.89	24.86
Does not know	388	43.95	37.64	50.25
Total	884	100.00	–	–

Weighted Frequency Missing = 1393.98.

4.22. Does your health insurance coverage pay for the cost of any quit smoking medications, products, or programs?

Table A-76. Health insurance pays for smoking cessation products, by race/ethnicity.

Response	Statistic	African American	Asian	Hispanic	Native American	Other or Unknown	White	Total
Yes	Weighted Frequency	11.58	1.03	4.95	6.68	1.06	294.52	319.82
	Row Percent	3.62	0.32	1.55	2.09	0.33	92.09	100.00
	Column Percent	33.90	10.24	27.75	30.28	26.24	37.01	—
	95% Lower Confidence Limit, Col Pct	25.85	0.00	17.70	23.73	15.12	30.18	—
	95% Upper Confidence Limit, Col Pct	41.95	21.73	37.80	36.83	37.36	43.84	—
No	Weighted Frequency	9.14	5.01	4.49	4.29	1.02	151.72	175.67
	Row Percent	5.20	2.85	2.56	2.44	0.58	86.37	100.00
	Column Percent	26.76	49.80	25.17	19.45	25.25	19.06	—
	95% Lower Confidence Limit, Col Pct	19.24	27.45	15.21	13.81	14.61	13.55	—
	95% Upper Confidence Limit, Col Pct	34.27	72.15	35.13	25.08	35.88	24.58	—
Does not know	Weighted Frequency	13.44	4.02	8.40	11.09	1.96	349.57	388.48
	Row Percent	3.46	1.03	2.16	2.85	0.50	89.98	100.00
	Column Percent	39.34	39.96	47.09	50.27	48.51	43.93	—
	95% Lower Confidence Limit, Col Pct	30.93	18.43	35.69	43.15	36.07	36.95	—
	95% Upper Confidence Limit, Col Pct	47.76	61.50	58.48	57.40	60.96	50.91	—
Total	Weighted Frequency	34.16	10.06	17.84	22.06	4.04	795.81	883.97
	Row Percent	—	—	—	—	—	—	—
	Column Percent	100.00	100.00	100.00	100.00	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—	—	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—	—	—	—	—

Row percent indicates the percentage of responses in the race/ethnicity group.
 Column percent indicates the percentage of the race/ethnicity group that gave the response.
 Weighted Frequency Missing = 1393.98. P-value from chi-square test. p=0.001

4.22. Does your health insurance coverage pay for the cost of any quit smoking medications, products, or programs?

Table A-77. Health insurance pays for smoking cessation products, by Medicaid reimbursement plan.

Response	Statistic	FFS	MC	Total
Yes	Weighted Frequency	70.52	233.27	303.79
	Row Percent	23.21	76.79	100.00
	Column Percent	21.87	43.42	–
	95% Lower Confidence Limit, Col Pct	13.44	35.25	–
	95% Upper Confidence Limit, Col Pct	30.30	51.59	–
No	Weighted Frequency	76.12	95.23	171.35
	Row Percent	44.42	55.58	100.00
	Column Percent	23.61	17.73	–
	95% Lower Confidence Limit, Col Pct	14.79	11.62	–
	95% Upper Confidence Limit, Col Pct	32.43	23.83	–
Does not know	Weighted Frequency	175.80	208.76	384.56
	Row Percent	45.71	54.29	100.00
	Column Percent	54.52	38.86	–
	95% Lower Confidence Limit, Col Pct	44.13	30.97	–
	95% Upper Confidence Limit, Col Pct	64.92	46.75	–
Total	Weighted Frequency	322.44	537.26	859.70
	Row Percent	–	–	–
	Column Percent	100.00	100.00	–
	95% Lower Confidence Limit, Col Pct	–	–	–
	95% Upper Confidence Limit, Col Pct	–	–	–

Row percent indicates the percentage of responses in the Medicaid enrollment group.
 Column percent indicates the percentage of the Medicaid enrollment group that gave the response.
 Weighted Frequency Missing = 1393.98. P-value from chi-square test. p=0.003

4.23A. Which of the following does your health insurance coverage pay for? Any type of nicotine replacement products, or quit smoking medications like nicotine patches, gum, nasal sprays, inhalers, or Zyban.

Table A-78. Smoking cessation products covered by health insurance.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	281	39.88	32.80	46.96
No	20	2.89	0.77	5.00
Does not know	403	57.24	50.11	64.36
Total	704	100.00	—	—

Weighted Frequency Missing = 1573.71.

4.23A. Which of the following does your health insurance coverage pay for? Any type of nicotine replacement products, or quit smoking medications like nicotine patches, gum, nasal sprays, inhalers, or Zyban.

Table A-79. Smoking cessation products covered by health insurance, by Medicaid reimbursement category.

Response	Statistic	FFS	MC	Total
Yes	Weighted Frequency	61.39	203.77	265.16
	Row Percent	23.15	76.85	100.00
	Column Percent	24.95	46.50	—
	95% Lower Confidence Limit, Col Pct	14.86	37.36	—
	95% Upper Confidence Limit, Col Pct	35.04	55.64	—
No	Weighted Frequency	3.84	12.80	16.64
	Row Percent	23.08	76.92	100.00
	Column Percent	1.56	2.92	—
	95% Lower Confidence Limit, Col Pct	0.00	0.24	—
	95% Upper Confidence Limit, Col Pct	3.90	5.60	—
Does not know	Weighted Frequency	180.83	221.66	402.49
	Row Percent	44.93	55.07	100.00
	Column Percent	73.49	50.58	—
	95% Lower Confidence Limit, Col Pct	63.25	41.46	—
	95% Upper Confidence Limit, Col Pct	83.73	59.70	—
Total	Weighted Frequency	246.06	438.23	684.29
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the Medicaid enrollment group.
 Column percent indicates the percentage of the Medicaid enrollment group that gave the response.
 Weighted Frequency Missing = 1573.71. P-value from chi-square test. p=0.003

4.23B. Which of the following does your health insurance coverage pay for? A quit smoking class or group.

Table A-80. Smoking cessation class covered by health insurance.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	81	11.45	7.18	15.72
No	91	12.93	8.14	17.72
Does not know	533	75.62	69.62	81.63
Total	704	100.00	–	–

Weighted Frequency Missing = 1573.71.

4.23C. Which of the following does your health insurance coverage pay for? Telephone counseling to help you quit smoking.

Table A-81. Telephone counseling covered by health insurance.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	65	9.25	5.26	13.23
No	103	14.61	9.54	19.69
Does not know	536	76.14	70.09	82.19
Total	704	100.00	–	–

Weighted Frequency Missing = 1573.71.

4.23C. Which of the following does your health insurance coverage pay for? Telephone counseling to help you quit smoking.

Table A-82. Telephone counseling covered by health insurance, by gender.

Response	Statistic	Female	Male	Total
Yes	Weighted Frequency	51.09	14.02	65.11
	Row Percent	78.47	21.53	100.00
	Column Percent	11.50	5.39	—
	95% Lower Confidence Limit, Col Pct	6.03	0.16	—
	95% Upper Confidence Limit, Col Pct	16.97	10.63	—
No	Weighted Frequency	41.56	61.36	102.92
	Row Percent	40.38	59.62	100.00
	Column Percent	9.36	23.59	—
	95% Lower Confidence Limit, Col Pct	4.52	12.94	—
	95% Upper Confidence Limit, Col Pct	14.19	34.24	—
Does not know	Weighted Frequency	351.50	184.71	536.21
	Row Percent	65.55	34.45	100.00
	Column Percent	79.14	71.02	—
	95% Lower Confidence Limit, Col Pct	72.25	59.71	—
	95% Upper Confidence Limit, Col Pct	86.03	82.32	—
Total	Weighted Frequency	444.15	260.09	704.24
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the gender group.
 Column percent indicates the percentage of the gender group that gave the response.
 Weighted Frequency Missing = 1573.71. P-value from chi-square test. p=0.0138

4.24. Have you ever heard about the Oregon Tobacco Quit Line?

Table A-83. Ever heard of Oregon Tobacco Quit Line.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	516	56.53	50.37	62.70
No	397	43.47	37.30	49.63
Total	913	100.00	–	–

Weighted Frequency Missing = 1364.57.

4.25. Have you ever called the Oregon Tobacco Quit Line?

Table A-84. Ever called Oregon Tobacco Quit Line.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	106	20.52	13.53	27.51
No	410	79.48	72.49	86.47
Total	516	100.00	–	–

Weighted Frequency Missing = 1761.58.

6.1. Have you ever been told by a doctor, nurse, or other health professional that you had asthma?

Table A-85. Health professional told respondent he/she had asthma.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	561	25.81	22.34	29.29
No	1608	74.02	70.54	77.49
Does not know	4	0.17	0.00	0.46
Total	2172	100.00	–	–

Weighted Frequency Missing = 106.15.

6.1. Have you ever been told by a doctor, nurse, or other health professional that you had asthma?

Table A-86. Health professional told respondent he/she had asthma, by Medicaid reimbursement plan.

Response	Statistic	FFS	MC	Total
Yes	Weighted Frequency	168.71	375.24	543.95
	Row Percent	31.02	68.98	100.00
	Column Percent	20.54	28.91	—
	95% Lower Confidence Limit, Col Pct	15.58	24.19	—
	95% Upper Confidence Limit, Col Pct	25.50	33.63	—
No	Weighted Frequency	652.65	919.44	1572.09
	Row Percent	41.51	58.49	100.00
	Column Percent	79.45	70.83	—
	95% Lower Confidence Limit, Col Pct	74.49	66.10	—
	95% Upper Confidence Limit, Col Pct	84.41	75.56	—
Does not know	Weighted Frequency	0.12	3.43	3.55
	Row Percent	3.38	96.62	100.00
	Column Percent	0.01	0.26	—
	95% Lower Confidence Limit, Col Pct	0.00	0.00	—
	95% Upper Confidence Limit, Col Pct	0.04	0.75	—
Total	Weighted Frequency	821.48	1298.11	2119.59
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the Medicaid enrollment group.
 Column percent indicates the percentage of the Medicaid enrollment group that gave the response.
 Weighted Frequency Missing = 106.15. P-value from chi-square test. $p=0.0031$

6.1. Have you ever been told by a doctor, nurse, or other health professional that you had asthma?

Table A-87. Health professional told respondent he/she had asthma, by gender.

Response	Statistic	Female	Male	Total
Yes	Weighted Frequency	425.40	135.25	560.65
	Row Percent	75.88	24.12	100.00
	Column Percent	29.55	18.47	—
	95% Lower Confidence Limit, Col Pct	25.30	12.54	—
	95% Upper Confidence Limit, Col Pct	33.80	24.40	—
No	Weighted Frequency	1010.68	596.82	1607.50
	Row Percent	62.87	37.13	100.00
	Column Percent	70.21	81.50	—
	95% Lower Confidence Limit, Col Pct	65.95	75.57	—
	95% Upper Confidence Limit, Col Pct	74.47	87.43	—
Does not know	Weighted Frequency	3.43	0.22	3.65
	Row Percent	93.97	6.03	100.00
	Column Percent	0.24	0.03	—
	95% Lower Confidence Limit, Col Pct	0.00	0.00	—
	95% Upper Confidence Limit, Col Pct	0.67	0.07	—
Total	Weighted Frequency	1439.51	732.29	2171.80
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the gender group.

Column percent indicates the percentage of the gender group that gave the response.

Weighted Frequency Missing = 106.15. P-value from chi-square test. $p=0.0006$

6.2. Do you still have asthma?

Table A-88. Respondent still has asthma.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	405	72.23	65.07	79.39
No	129	23.09	16.42	29.77
Does not know	26	4.68	1.03	8.33
Total	561	100.00	–	–

Weighted Frequency Missing = 1717.3.

6.2. Do you still have asthma?

Table A-89. Respondent still has asthma, by OHP program.

Response	Statistic	OHP Plus	OHP Standard	Total
Yes	Weighted Frequency	296.56	108.41	404.97
	Row Percent	73.23	26.77	100.00
	Column Percent	80.00	57.08	–
	95% Lower Confidence Limit, Col Pct	72.62	43.13	–
	95% Upper Confidence Limit, Col Pct	87.38	71.02	–
No	Weighted Frequency	64.67	64.79	129.46
	Row Percent	49.95	50.05	100.00
	Column Percent	17.44	34.11	–
	95% Lower Confidence Limit, Col Pct	10.48	20.66	–
	95% Upper Confidence Limit, Col Pct	24.41	47.56	–
Does not know	Weighted Frequency	9.49	16.73	26.22
	Row Percent	36.19	63.81	100.00
	Column Percent	2.56	8.81	–
	95% Lower Confidence Limit, Col Pct	0.00	0.00	–
	95% Upper Confidence Limit, Col Pct	5.52	17.70	–
Total	Weighted Frequency	370.72	189.93	560.65
	Row Percent	–	–	–
	Column Percent	100.00	100.00	–
	95% Lower Confidence Limit, Col Pct	–	–	–
	95% Upper Confidence Limit, Col Pct	–	–	–

Row percent indicates the percentage of responses in the OHP benefit group.
 Column percent indicates the percentage of the OHP benefit group that gave the response.
 Weighted Frequency Missing = 1717.3. P-value from chi-square test. $p=0.0087$

6.2. Do you still have asthma?

Table A-90. Respondent still has asthma, by age.

Response	Statistic	19–24	25–34	35–44	45–54	55–64	Total
Yes	Weighted Frequency	41.79	60.98	104.86	120.81	76.53	404.97
	Row Percent	10.32	15.06	25.89	29.83	18.90	100.00
	Column Percent	56.65	62.81	75.96	79.80	76.26	–
	95% Lower Confidence Limit, Col Pct	31.78	44.62	61.73	68.62	61.85	–
	95% Upper Confidence Limit, Col Pct	81.52	81.00	90.20	90.98	90.66	–
No	Weighted Frequency	31.91	27.27	20.68	26.14	23.46	129.46
	Row Percent	24.65	21.06	15.97	20.19	18.12	100.00
	Column Percent	43.26	28.09	14.98	17.27	23.38	–
	95% Lower Confidence Limit, Col Pct	18.39	11.39	3.96	6.80	8.97	–
	95% Upper Confidence Limit, Col Pct	68.13	44.79	26.00	27.73	37.78	–
Does not know	Weighted Frequency	0.07	8.84	12.50	4.44	0.37	26.22
	Row Percent	0.27	33.71	47.67	16.93	1.41	100.00
	Column Percent	0.09	9.10	9.06	2.93	0.37	–
	95% Lower Confidence Limit, Col Pct	0.00	0.00	0.00	0.00	0.02	–
	95% Upper Confidence Limit, Col Pct	0.29	20.52	19.88	7.74	0.72	–
Total	Weighted Frequency	73.77	97.09	138.04	151.39	100.36	560.65
	Row Percent	–	–	–	–	–	–
	Column Percent	100.00	100.00	100.00	100.00	100.00	–
	95% Lower Confidence Limit, Col Pct	–	–	–	–	–	–
	95% Upper Confidence Limit, Col Pct	–	–	–	–	–	–

Row percent indicates the percentage of responses in the age group.
 Column percent indicates the percentage of the age group that gave the response.
 Weighted Frequency Missing = 1717.3. P-value from chi-square test. $p=0.0455$

6.2. Do you still have asthma?

Table A-91. Respondent still has asthma, by rural/urban.

Response	Statistic	Rural	Urban	Total
Yes	Weighted Frequency	197.91	207.06	404.97
	Row Percent	48.87	51.13	100.00
	Column Percent	79.29	66.57	—
	95% Lower Confidence Limit, Col Pct	69.43	56.49	—
	95% Upper Confidence Limit, Col Pct	89.15	76.65	—
No	Weighted Frequency	31.59	97.87	129.46
	Row Percent	24.40	75.60	100.00
	Column Percent	12.66	31.47	—
	95% Lower Confidence Limit, Col Pct	5.03	21.51	—
	95% Upper Confidence Limit, Col Pct	20.28	41.42	—
Does not know	Weighted Frequency	20.11	6.11	26.22
	Row Percent	76.70	23.30	100.00
	Column Percent	8.06	1.96	—
	95% Lower Confidence Limit, Col Pct	0.72	0.00	—
	95% Upper Confidence Limit, Col Pct	15.40	4.63	—
Total	Weighted Frequency	249.61	311.04	560.65
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the geographic location group.

Column percent indicates the percentage of the geographic location group that gave the response.

Weighted Frequency Missing = 1717.3. P-value from chi-square test. $p=0.0055$

6.2. Do you still have asthma?

Table A-92. Respondent still has asthma, by smoking status.

Response	Statistic	Non Smoker	Smoker	Total
Yes	Weighted Frequency	226.69	177.78	404.47
	Row Percent	56.05	43.95	100.00
	Column Percent	69.55	77.29	—
	95% Lower Confidence Limit, Col Pct	60.21	66.20	—
	95% Upper Confidence Limit, Col Pct	78.89	88.38	—
No	Weighted Frequency	73.78	51.48	125.26
	Row Percent	58.90	41.10	100.00
	Column Percent	22.64	22.38	—
	95% Lower Confidence Limit, Col Pct	14.46	11.29	—
	95% Upper Confidence Limit, Col Pct	30.81	33.47	—
Does not know	Weighted Frequency	25.47	0.75	26.22
	Row Percent	97.14	2.86	100.00
	Column Percent	7.81	0.33	—
	95% Lower Confidence Limit, Col Pct	1.67	0.00	—
	95% Upper Confidence Limit, Col Pct	13.95	0.68	—
Total	Weighted Frequency	325.94	230.01	555.95
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the demographic group.

Column percent indicates the percentage of the demographic group that gave the response.

Weighted Frequency Missing = 1717.3. P-value from chi-square test. $p=0.0844$

6.2. Do you still have asthma?

Table A-93. Respondent still has asthma, by whether provider asked about smoking.

Response	Statistic	Provider asked if smoker	Provider did not ask if smoker
Yes	Weighted Frequency	272.49	124.11
	Row Percent	68.71	31.29
	Column Percent	72.46	71.91
	95% Lower Confidence Limit, Col Pct	63.61	59.24
	95% Upper Confidence Limit, Col Pct	81.31	84.58
No	Weighted Frequency	83.54	42.40
	Row Percent	66.33	33.67
	Column Percent	22.22	24.57
	95% Lower Confidence Limit, Col Pct	13.99	12.71
	95% Upper Confidence Limit, Col Pct	30.44	36.42
Does not know	Weighted Frequency	20.02	6.09
	Row Percent	76.68	23.32
	Column Percent	5.32	3.53
	95% Lower Confidence Limit, Col Pct	0.73	0.00
	95% Upper Confidence Limit, Col Pct	9.92	9.87
Total	Weighted Frequency	376.05	172.60
	Row Percent	–	–
	Column Percent	100.00	100.00
	95% Lower Confidence Limit, Col Pct	–	–
	95% Upper Confidence Limit, Col Pct	–	–

Row percent indicates the percentage of responses in the demographic group.

Column percent indicates the percentage of the demographic group that gave the response.

Weighted Frequency Missing = 1717.3. P-value from chi-square test. $p=0.8797$

6.2. Do you still have asthma?

Table A-94. Respondent still has asthma, by whether provider advised to quit smoking.

Response	Statistic	Advised to quit	Not advised to quit
Yes	Weighted Frequency	124.42	53.36
	Row Percent	69.99	30.01
	Column Percent	78.83	77.32
	95% Lower Confidence Limit, Col Pct	64.67	60.06
	95% Upper Confidence Limit, Col Pct	93.00	94.58
No	Weighted Frequency	33.09	15.22
	Row Percent	68.50	31.50
	Column Percent	20.97	22.05
	95% Lower Confidence Limit, Col Pct	6.79	4.82
	95% Upper Confidence Limit, Col Pct	35.14	39.29
Does not know	Weighted Frequency	0.32	0.43
	Row Percent	42.67	57.33
	Column Percent	0.20	0.62
	95% Lower Confidence Limit, Col Pct	0.00	0.00
	95% Upper Confidence Limit, Col Pct	0.53	1.54
Total	Weighted Frequency	157.83	69.01
	Row Percent	–	–
	Column Percent	100.00	100.00
	95% Lower Confidence Limit, Col Pct	–	–
	95% Upper Confidence Limit, Col Pct	–	–

Row percent indicates the percentage of responses in the demographic group.

Column percent indicates the percentage of the demographic group that gave the response.

Weighted Frequency Missing = 1717.3. P-value from chi-square test. $p=0.9260$

6.3. How old were you when you were first told by a doctor, nurse, or other health professional that you had asthma?

Table A-95. Age when told that respondent had asthma.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
0-5 years	37	9.92	4.67	15.17
6-12 years	61	16.51	8.98	24.05
13-17 years	43	11.53	5.11	17.94
18-24 years	29	7.85	3.10	12.59
25-34 years	116	31.11	22.02	40.20
35-44 years	41	11.02	5.54	16.49
45-54 years	37	9.81	4.31	15.32
55-64 years	8	2.25	0.00	5.07
Total	372	100.00	–	–

Weighted Frequency Missing = 1906.01.

6.3. How old were you when you were first told by a doctor, nurse, or other health professional that you had asthma?

Table A-96. Age when told that respondent had asthma, by gender.

Response	Statistic	Female	Male	Total
0-5 years	Weighted Frequency	34.83	2.07	36.90
	Row Percent	94.39	5.61	100.00
	Column Percent	11.73	2.76	—
	95% Lower Confidence Limit, Col Pct	5.28	0.58	—
	95% Upper Confidence Limit, Col Pct	18.19	4.93	—
6-12 years	Weighted Frequency	46.62	14.80	61.42
	Row Percent	75.90	24.10	100.00
	Column Percent	15.71	19.70	—
	95% Lower Confidence Limit, Col Pct	8.29	0.00	—
	95% Upper Confidence Limit, Col Pct	23.12	42.38	—
13-17 years	Weighted Frequency	36.94	5.93	42.87
	Row Percent	86.17	13.83	100.00
	Column Percent	12.45	7.89	—
	95% Lower Confidence Limit, Col Pct	5.28	0.00	—
	95% Upper Confidence Limit, Col Pct	19.61	22.15	—
18-24 years	Weighted Frequency	28.09	1.10	29.19
	Row Percent	96.23	3.77	100.00
	Column Percent	9.46	1.46	—
	95% Lower Confidence Limit, Col Pct	3.61	0.00	—
	95% Upper Confidence Limit, Col Pct	15.32	3.07	—
25-34 years	Weighted Frequency	93.62	22.09	115.71
	Row Percent	80.91	19.09	100.00
	Column Percent	31.54	29.41	—
	95% Lower Confidence Limit, Col Pct	21.78	6.15	—
	95% Upper Confidence Limit, Col Pct	41.30	52.66	—

6.3. How old were you when you were first told by a doctor, nurse, or other health professional that you had asthma?

Table A-96. Age when told that respondent had asthma, by gender (continued).

Response	Statistic	Female	Male	Total
35-44 years	Weighted Frequency	31.15	9.82	40.97
	Row Percent	76.03	23.97	100.00
	Column Percent	10.49	13.07	—
	95% Lower Confidence Limit, Col Pct	4.48	0.00	—
	95% Upper Confidence Limit, Col Pct	16.51	26.18	—
45-54 years	Weighted Frequency	24.79	11.71	36.50
	Row Percent	67.92	32.08	100.00
	Column Percent	8.35	15.59	—
	95% Lower Confidence Limit, Col Pct	2.64	0.22	—
	95% Upper Confidence Limit, Col Pct	14.06	30.96	—
55-64 years	Weighted Frequency	0.78	7.60	8.38
	Row Percent	9.31	90.69	100.00
	Column Percent	0.26	10.12	—
	95% Lower Confidence Limit, Col Pct	0.02	0.00	—
	95% Upper Confidence Limit, Col Pct	0.51	23.64	—
Total	Weighted Frequency	296.82	75.12	371.94
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the gender group.
 Column percent indicates the percentage of the gender group that gave the response.
 Weighted Frequency Missing = 1906.01. P-value from chi-square test. $p=0.0357$

6.4. During the past 12 months, how many times did you visit an emergency room or urgent care center because of your asthma?

Table A-97. Visits to ER or urgent care because of asthma, past 12 months.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
None	326	80.76	73.95	87.57
Once	42	10.29	4.87	15.70
Twice to five times	23	5.77	2.04	9.50
Six or more times	13	3.18	0.34	6.02
Total	404	100.00	–	–

Weighted Frequency Missing = 1873.83.

6.4. During the past 12 months, how many times did you visit an emergency room or urgent care center because of your asthma?

Table A-98. Visits to ER or urgent care because of asthma, by Medicaid reimbursement plan.

Response	Statistic	FFS	MC	Total
None	Weighted Frequency	96.83	218.82	315.65
	Row Percent	30.68	69.32	100.00
	Column Percent	80.39	80.24	—
	95% Lower Confidence Limit, Col Pct	68.72	71.60	—
	95% Upper Confidence Limit, Col Pct	92.06	88.87	—
Once	Weighted Frequency	8.98	32.47	41.45
	Row Percent	21.66	78.34	100.00
	Column Percent	7.46	11.91	—
	95% Lower Confidence Limit, Col Pct	0.00	4.71	—
	95% Upper Confidence Limit, Col Pct	15.30	19.10	—
Twice to five times	Weighted Frequency	3.61	19.59	23.20
	Row Percent	15.56	84.44	100.00
	Column Percent	3.00	7.18	—
	95% Lower Confidence Limit, Col Pct	1.24	1.76	—
	95% Upper Confidence Limit, Col Pct	4.75	12.61	—
Six or more times	Weighted Frequency	11.03	1.84	12.87
	Row Percent	85.70	14.30	100.00
	Column Percent	9.16	0.67	—
	95% Lower Confidence Limit, Col Pct	0.04	0.07	—
	95% Upper Confidence Limit, Col Pct	18.27	1.28	—
Total	Weighted Frequency	120.45	272.72	393.17
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the Medicaid enrollment group.
 Column percent indicates the percentage of the Medicaid enrollment group that gave the response.
 Weighted Frequency Missing = 1873.83. P-value from chi-square test. p=0.0018

6.4. During the past 12 months, how many times did you visit an emergency room or urgent care center because of your asthma?

Table A-99. Visits to ER or urgent care because of asthma, by age.

Response	Statistic	19–24	25–34	35–44	45–54	55–64	Total
None	Weighted Frequency	39.28	34.96	82.19	108.19	61.75	326.37
	Row Percent	12.04	10.71	25.18	33.15	18.92	100.00
	Column Percent	93.99	57.55	78.56	89.84	80.69	—
	95% Lower Confidence Limit, Col Pct	88.88	33.93	64.29	81.26	65.76	—
	95% Upper Confidence Limit, Col Pct	99.11	81.16	92.83	98.41	95.62	—
Once	Weighted Frequency	1.04	14.57	13.96	8.33	3.68	41.58
	Row Percent	2.50	35.04	33.57	20.03	8.85	100.00
	Column Percent	2.49	23.98	13.34	6.92	4.81	—
	95% Lower Confidence Limit, Col Pct	0.00	3.01	1.82	0.00	0.00	—
	95% Upper Confidence Limit, Col Pct	5.11	44.96	24.86	15.28	12.83	—
Twice to five times	Weighted Frequency	0.87	10.97	4.28	2.78	4.40	23.30
	Row Percent	3.73	47.08	18.37	11.93	18.88	100.00
	Column Percent	2.08	18.06	4.09	2.31	5.75	—
	95% Lower Confidence Limit, Col Pct	0.00	0.30	0.00	0.75	0.00	—
	95% Upper Confidence Limit, Col Pct	4.78	35.81	10.95	3.87	13.84	—
Six or more times	Weighted Frequency	0.60	0.25	4.19	1.13	6.70	12.87
	Row Percent	4.66	1.94	32.56	8.78	52.06	100.00
	Column Percent	1.44	0.41	4.00	0.94	8.75	—
	95% Lower Confidence Limit, Col Pct	0.00	0.00	0.00	0.00	0.00	—
	95% Upper Confidence Limit, Col Pct	3.34	1.24	10.86	2.16	19.82	—
Total	Weighted Frequency	41.79	60.75	104.62	120.43	76.53	404.12
	Row Percent	—	—	—	—	—	—
	Column Percent	100.00	100.00	100.00	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—	—	—	—

Row percent indicates the percentage of responses in the age group.
 Column percent indicates the percentage of the age group that gave the response.
 Weighted Frequency Missing = 1873.83. P-value from chi-square test. p=0.0021

6.4. During the past 12 months, how many times did you visit an emergency room or urgent care center because of your asthma?

Table A-100. Visits to ER or urgent care because of asthma, by rural/urban.

Response	Statistic	Rural	Urban	Total
None	Weighted Frequency	178.13	148.24	326.37
	Row Percent	54.58	45.42	100.00
	Column Percent	90.11	71.80	–
	95% Lower Confidence Limit, Col Pct	83.36	60.56	–
	95% Upper Confidence Limit, Col Pct	96.87	83.05	–
Once	Weighted Frequency	9.99	31.59	41.58
	Row Percent	24.03	75.97	100.00
	Column Percent	5.05	15.30	–
	95% Lower Confidence Limit, Col Pct	0.00	6.10	–
	95% Upper Confidence Limit, Col Pct	10.20	24.50	–
Twice to five times	Weighted Frequency	5.73	17.57	23.30
	Row Percent	24.59	75.41	100.00
	Column Percent	2.90	8.51	–
	95% Lower Confidence Limit, Col Pct	0.00	1.97	–
	95% Upper Confidence Limit, Col Pct	6.16	15.05	–
Six or more times	Weighted Frequency	3.82	9.05	12.87
	Row Percent	29.68	70.32	100.00
	Column Percent	1.93	4.38	–
	95% Lower Confidence Limit, Col Pct	0.00	0.00	–
	95% Upper Confidence Limit, Col Pct	5.14	9.01	–
Total	Weighted Frequency	197.67	206.45	404.12
	Row Percent	–	–	–
	Column Percent	100.00	100.00	–
	95% Lower Confidence Limit, Col Pct	–	–	–
	95% Upper Confidence Limit, Col Pct	–	–	–

Row percent indicates the percentage of responses in the geographic location group.
 Column percent indicates the percentage of the geographic location group that gave the response.
 Weighted Frequency Missing = 1873.83. P-value from chi-square test. p=0.0406

6.5. During the past 12 months, how many times did you see a doctor, nurse, or other health professional for urgent treatment of worsening asthma symptoms?

Table A-101. Visits to health professional for urgent treatment of asthma, past 12 months.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
None	268	67.77	59.28	76.26
Once	47	11.85	6.02	17.67
Twice to five times	63	16.00	9.31	22.69
Six or more times	17	4.38	1.09	7.67
Total	396	100.00	—	—

Weighted Frequency Missing = 1882.22.

6.5. During the past 12 months, how many times did you see a doctor, nurse, or other health professional for urgent treatment of worsening asthma symptoms?

Table A-102. Visits to health professional for urgent treatment of asthma, by age.

Response	Statistic	19–24	25–34	35–44	45–54	55–64	Total
None	Weighted Frequency	26.88	38.24	72.73	83.87	46.48	268.20
	Row Percent	10.02	14.26	27.12	31.27	17.33	100.00
	Column Percent	65.29	63.01	69.67	69.64	67.31	—
	95% Lower Confidence Limit, Col Pct	36.88	40.24	52.66	54.84	48.48	—
	95% Upper Confidence Limit, Col Pct	93.70	85.78	86.68	84.45	86.15	—
Once	Weighted Frequency	12.44	10.17	8.90	7.34	8.03	46.88
	Row Percent	26.54	21.69	18.98	15.66	17.13	100.00
	Column Percent	30.22	16.76	8.53	6.09	11.63	—
	95% Lower Confidence Limit, Col Pct	2.42	0.00	0.00	0.00	0.00	—
	95% Upper Confidence Limit, Col Pct	58.01	35.08	18.11	13.65	24.11	—
Twice to five times	Weighted Frequency	0.99	10.84	18.64	28.19	4.67	63.33
	Row Percent	1.56	17.12	29.43	44.51	7.37	100.00
	Column Percent	2.40	17.86	17.86	23.41	6.76	—
	95% Lower Confidence Limit, Col Pct	0.00	0.09	3.25	9.61	0.00	—
	95% Upper Confidence Limit, Col Pct	5.19	35.63	32.46	37.20	15.73	—
Six or more times	Weighted Frequency	0.86	1.44	4.12	1.03	9.87	17.32
	Row Percent	4.97	8.31	23.79	5.95	56.99	100.00
	Column Percent	2.09	2.37	3.95	0.86	14.29	—
	95% Lower Confidence Limit, Col Pct	0.00	0.00	0.00	0.11	0.00	—
	95% Upper Confidence Limit, Col Pct	4.81	4.74	10.82	1.60	28.82	—
Total	Weighted Frequency	41.17	60.69	104.39	120.43	69.05	395.73
	Row Percent	—	—	—	—	—	—
	Column Percent	100.00	100.00	100.00	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—	—	—	—

Row percent indicates the percentage of responses in the age group.
 Column percent indicates the percentage of the age group that gave the response.
 Weighted Frequency Missing = 1882.22. P-value from chi-square test. p=0.0416

6.5. During the past 12 months, how many times did you see a doctor, nurse, or other health professional for urgent treatment of worsening asthma symptoms?

Table A-103. Visits to health professional for urgent treatment of asthma, by rural/urban.

Response	Statistic	Rural	Urban	Total
None	Weighted Frequency	148.53	119.67	268.20
	Row Percent	55.38	44.62	100.00
	Column Percent	76.68	59.23	–
	95% Lower Confidence Limit, Col Pct	65.98	46.44	–
	95% Upper Confidence Limit, Col Pct	87.38	72.03	–
Once	Weighted Frequency	14.97	31.91	46.88
	Row Percent	31.93	68.07	100.00
	Column Percent	7.73	15.79	–
	95% Lower Confidence Limit, Col Pct	1.29	6.33	–
	95% Upper Confidence Limit, Col Pct	14.17	25.26	–
Twice to five times	Weighted Frequency	29.20	34.13	63.33
	Row Percent	46.11	53.89	100.00
	Column Percent	15.07	16.89	–
	95% Lower Confidence Limit, Col Pct	5.82	7.26	–
	95% Upper Confidence Limit, Col Pct	24.33	26.53	–
Six or more times	Weighted Frequency	1.00	16.32	17.32
	Row Percent	5.77	94.23	100.00
	Column Percent	0.52	8.08	–
	95% Lower Confidence Limit, Col Pct	0.00	1.74	–
	95% Upper Confidence Limit, Col Pct	1.06	14.42	–
Total	Weighted Frequency	193.70	202.03	395.73
	Row Percent	–	–	–
	Column Percent	100.00	100.00	–
	95% Lower Confidence Limit, Col Pct	–	–	–
	95% Upper Confidence Limit, Col Pct	–	–	–

Row percent indicates the percentage of responses in the geographic location group.
 Column percent indicates the percentage of the geographic location group that gave the response.
 Weighted Frequency Missing = 1882.22. P-value from chi-square test. p=0.02

6.6. During the past 12 months, how many times did you see a doctor, nurse, or other health professional for routine treatment or evaluation of asthma?

Table A-104. Visits to health professional for routine treatment of asthma, past 12 months.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
None	197	50.59	41.24	59.94
Once	73	18.73	11.51	25.95
Two or more times	119	30.68	22.29	39.08
Total	389	100.00	–	–

Weighted Frequency Missing = 1889.39.

6.7. During the past 4 weeks, how often did you have any symptoms of asthma?

Table A-105. Respondent had asthma symptoms, past 4 weeks.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Not at any time	55	13.56	6.75	20.38
Less than once a week	30	7.38	3.05	11.72
Once or twice a week	98	24.29	16.63	31.95
More than 2 times a week, but not every day	54	13.39	7.14	19.63
Every day, but not all the time	108	26.72	18.45	35.00
Or every day, all the time	52	12.88	7.03	18.74
Does not know	7	1.77	0.00	3.95
Total	405	100.00	–	–

Weighted Frequency Missing = 1872.98.

6.8. During the past 4 weeks, how many days did symptoms of asthma make it difficult for you to stay asleep?

Table A-106. Trouble sleeping because of asthma symptoms, past 4 weeks.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
None	133	37.86	28.38	47.35
One or two days	72	20.58	12.75	28.41
Three or four days	33	9.40	4.07	14.73
Five days	13	3.60	0.04	7.16
Six to ten days	22	6.34	1.80	10.89
More than ten days	57	16.17	9.03	23.31
Does not know	21	6.04	1.49	10.59
Total	350	100.00	–	–

Weighted Frequency Missing = 1927.91.

6.8. During the past 4 weeks, how many days did symptoms of asthma make it difficult for you to stay asleep?

Table A-107. Trouble sleeping because of asthma symptoms, by Medicaid reimbursement plan.

Response	Statistic	FFS	MC	Total
None	Weighted Frequency	56.12	70.72	126.84
	Row Percent	44.24	55.76	100.00
	Column Percent	52.83	29.83	–
	95% Lower Confidence Limit, Col Pct	35.77	19.01	–
	95% Upper Confidence Limit, Col Pct	69.88	40.65	–
One or two days	Weighted Frequency	15.19	56.22	71.41
	Row Percent	21.27	78.73	100.00
	Column Percent	14.30	23.72	–
	95% Lower Confidence Limit, Col Pct	3.28	13.45	–
	95% Upper Confidence Limit, Col Pct	25.32	33.98	–
Three or four days	Weighted Frequency	6.79	26.12	32.91
	Row Percent	20.63	79.37	100.00
	Column Percent	6.39	11.02	–
	95% Lower Confidence Limit, Col Pct	0.00	3.87	–
	95% Upper Confidence Limit, Col Pct	13.52	18.17	–
Five days	Weighted Frequency	0.91	11.69	12.60
	Row Percent	7.22	92.78	100.00
	Column Percent	0.86	4.93	–
	95% Lower Confidence Limit, Col Pct	0.07	0.00	–
	95% Upper Confidence Limit, Col Pct	1.64	10.14	–
Six to ten days	Weighted Frequency	1.64	20.47	22.11
	Row Percent	7.42	92.58	100.00
	Column Percent	1.54	8.64	–
	95% Lower Confidence Limit, Col Pct	0.41	2.03	–
	95% Upper Confidence Limit, Col Pct	2.67	15.24	–

6.8. During the past 4 weeks, how many days did symptoms of asthma make it difficult for you to stay asleep?

Table A-107. Trouble sleeping because of asthma symptoms, by Medicaid reimbursement plan (continued).

Response	Statistic	FFS	MC	Total
More than ten days	Weighted Frequency	24.59	31.87	56.46
	Row Percent	43.55	56.45	100.00
	Column Percent	23.15	13.44	—
	95% Lower Confidence Limit, Col Pct	7.95	5.62	—
	95% Upper Confidence Limit, Col Pct	38.35	21.26	—
Does not know	Weighted Frequency	0.99	19.96	20.95
	Row Percent	4.73	95.27	100.00
	Column Percent	0.93	8.42	—
	95% Lower Confidence Limit, Col Pct	0.07	1.81	—
	95% Upper Confidence Limit, Col Pct	1.79	15.03	—
Total	Weighted Frequency	106.23	237.05	343.28
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the Medicaid enrollment group.
 Column percent indicates the percentage of the Medicaid enrollment group that gave the response.
 Weighted Frequency Missing = 1927.91. P-value from chi-square test. p=0.0019

6.9. Did your doctor, nurse, or other healthcare provider ever give you information on how to avoid the things that make your asthma worse?

Table A-108. Provider told respondent how to avoid worsening asthma.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	300	76.81	69.05	84.56
No	90	23.19	15.44	30.95
Total	390	100.00	–	–

Weighted Frequency Missing = 1888.01.

6.10. Did your doctor, nurse, or other healthcare provider ever explain how to recognize the early signs of an asthma episode?

Table A-109. Provider explained early signs of asthma episode.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	251	63.95	55.02	72.88
No	141	36.05	27.12	44.98
Total	392	100.00	–	–

Weighted Frequency Missing = 1885.79.

6.11. Have you been given written directions by a doctor, nurse, or other healthcare provider about how to take your asthma medicine?

Table A-110. Provider gave written directions for taking asthma medicine.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	349	87.18	81.23	93.13
No	51	12.82	6.87	18.77
Total	401	100.00	–	–

Weighted Frequency Missing = 1877.29.

6.12. During the last 3 months, how many days of work, school, or other daily activities did you miss because of asthma?

Table A-111. Days of work/school/other activities missed because of asthma.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Seven days or less	354	87.46	81.62	93.31
Eight to 14 days	5	1.13	0.00	2.93
15 days or more	23	5.74	1.70	9.78
Does not know	23	5.67	1.53	9.81
Total	405	100.00	–	–

Weighted Frequency Missing = 1873.33.

6.12. During the last 3 months, how many days of work, school, or other daily activities did you miss because of asthma?

Table A-112. Days missed because of asthma, by Medicaid reimbursement plan.

Response	Statistic	FFS	MC	Total
Seven days or less	Weighted Frequency	94.72	248.32	343.04
	Row Percent	27.61	72.39	100.00
	Column Percent	78.56	90.93	—
	95% Lower Confidence Limit, Col Pct	65.39	84.74	—
	95% Upper Confidence Limit, Col Pct	91.73	97.12	—
Eight to 14 days	Weighted Frequency	0.10	4.47	4.57
	Row Percent	2.19	97.81	100.00
	Column Percent	0.08	1.64	—
	95% Lower Confidence Limit, Col Pct	0.00	0.00	—
	95% Upper Confidence Limit, Col Pct	0.25	4.30	—
15 days or more	Weighted Frequency	10.38	12.73	23.11
	Row Percent	44.92	55.08	100.00
	Column Percent	8.61	4.66	—
	95% Lower Confidence Limit, Col Pct	0.00	0.08	—
	95% Upper Confidence Limit, Col Pct	17.26	9.24	—
Does not know	Weighted Frequency	15.37	7.58	22.95
	Row Percent	66.97	33.03	100.00
	Column Percent	12.75	2.78	—
	95% Lower Confidence Limit, Col Pct	1.76	0.00	—
	95% Upper Confidence Limit, Col Pct	23.74	6.28	—
Total	Weighted Frequency	120.57	273.10	393.67
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the Medicaid enrollment group.
 Column percent indicates the percentage of the Medicaid enrollment group that gave the response.
 Weighted Frequency Missing = 1873.33. P-value from chi-square test. p=.0286

6.13. During the last 3 months, how much did you limit your usual activities because of your asthma?

Table A-113. Limited usual activities because of asthma.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Not at all	145	35.77	26.89	44.65
A little bit	101	24.95	17.09	32.80
Moderately	66	16.30	9.67	22.93
Quite a bit	62	15.37	8.67	22.06
Could not do my regular daily activities	16	3.85	0.73	6.97
Does not know	15	3.77	0.33	7.21
Total	405	100.00	–	–

Weighted Frequency Missing = 1873.19.

7.1. Have you ever been told by a doctor, nurse, or other health professional that you have diabetes?

Table A-114. Health professional told respondent he/she had diabetes.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	251	11.58	9.22	13.94
Yes but female told only during pregnancy	27	1.24	0.44	2.05
No	1855	85.47	82.87	88.08
No, pre-diabetes or borderline diabetes	28	1.28	0.49	2.08
Does not know	9	0.42	0.00	0.92
Total	2171	100.00	–	–

Weighted Frequency Missing = 107.45.

7.1. Have you ever been told by a doctor, nurse, or other health professional that you have diabetes?

Table A-115. Health professional told respondent he/she had diabetes, by gender.

Response	Statistic	Female	Male	Total
Yes	Weighted Frequency	172.17	79.27	251.44
	Row Percent	68.47	31.53	100.00
	Column Percent	11.97	10.82	—
	95% Lower Confidence Limit, Col Pct	9.05	6.82	—
	95% Upper Confidence Limit, Col Pct	14.89	14.83	—
Yes but female told only during pregnancy	Weighted Frequency	26.89	0.05	26.94
	Row Percent	99.81	0.19	100.00
	Column Percent	1.87	0.01	—
	95% Lower Confidence Limit, Col Pct	0.66	0.00	—
	95% Upper Confidence Limit, Col Pct	3.08	0.02	—
No	Weighted Frequency	1204.67	650.54	1855.21
	Row Percent	64.93	35.07	100.00
	Column Percent	83.76	88.84	—
	95% Lower Confidence Limit, Col Pct	80.43	84.82	—
	95% Upper Confidence Limit, Col Pct	87.09	92.85	—
No, pre-diabetes or borderline diabetes	Weighted Frequency	25.66	2.20	27.86
	Row Percent	92.10	7.90	100.00
	Column Percent	1.78	0.30	—
	95% Lower Confidence Limit, Col Pct	0.60	0.11	—
	95% Upper Confidence Limit, Col Pct	2.97	0.49	—
Does not know	Weighted Frequency	8.82	0.23	9.05
	Row Percent	97.46	2.54	100.00
	Column Percent	0.61	0.03	—
	95% Lower Confidence Limit, Col Pct	0.00	0.00	—
	95% Upper Confidence Limit, Col Pct	1.38	0.09	—

7.1. Have you ever been told by a doctor, nurse, or other health professional that you have diabetes?

Table A-115. Health professional told respondent he/she had diabetes, by gender (continued).

Response	Statistic	Female	Male	Total
Total	Weighted Frequency	1438.21	732.29	2170.50
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the gender group.

Column percent indicates the percentage of the gender group that gave the response.

Weighted Frequency Missing = 107.45. P-value from chi-square test. $p < .0001$

7.1. Have you ever been told by a doctor, nurse, or other health professional that you have diabetes?

Table A-116. Health professional told respondent he/she had diabetes, by smoking status.

Response	Statistic	Non Smoker	Smoker	Total
Yes	Weighted Frequency	156.13	94.97	251.10
	Row Percent	62.18	37.82	100.00
	Column Percent	12.63	10.49	—
	95% Lower Confidence Limit, Col Pct	9.46	6.87	—
	95% Upper Confidence Limit, Col Pct	15.81	14.12	—
Yes but female told only during pregnancy	Weighted Frequency	9.75	17.19	26.94
	Row Percent	36.19	63.81	100.00
	Column Percent	0.79	1.90	—
	95% Lower Confidence Limit, Col Pct	0.16	0.18	—
	95% Upper Confidence Limit, Col Pct	1.42	3.62	—
No	Weighted Frequency	1052.53	773.55	1826.08
	Row Percent	57.64	42.36	100.00
	Column Percent	85.17	85.45	—
	95% Lower Confidence Limit, Col Pct	81.82	81.21	—
	95% Upper Confidence Limit, Col Pct	88.52	89.70	—
No, pre-diabetes or borderline diabetes	Weighted Frequency	12.04	15.82	27.86
	Row Percent	43.22	56.78	100.00
	Column Percent	0.97	1.75	—
	95% Lower Confidence Limit, Col Pct	0.24	0.14	—
	95% Upper Confidence Limit, Col Pct	1.71	3.36	—
Does not know	Weighted Frequency	5.36	3.69	9.05
	Row Percent	59.23	40.77	100.00
	Column Percent	0.43	0.41	—
	95% Lower Confidence Limit, Col Pct	0.00	0.00	—
	95% Upper Confidence Limit, Col Pct	1.11	1.21	—

7.1. Have you ever been told by a doctor, nurse, or other health professional that you have diabetes?

Table A-116. Health professional told respondent he/she had diabetes, by smoking status (continued).

Response	Statistic	Non Smoker	Smoker	Total
Total	Weighted Frequency	1235.81	905.22	2141.03
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the demographic group.

Column percent indicates the percentage of the demographic group that gave the response.

Weighted Frequency Missing = 107.45. P-value from chi-square test. $p=0.5114$

7.1. Have you ever been told by a doctor, nurse, or other health professional that you have diabetes?

Table A-117. Respondent told about diabetes, by whether provider asked about smoking.

Response	Statistic	Provider asked if smoker	Provider did not ask if smoker
Yes	Weighted Frequency	168.76	78.49
	Row Percent	68.25	31.75
	Column Percent	11.92	11.36
	95% Lower Confidence Limit, Col Pct	8.97	7.19
	95% Upper Confidence Limit, Col Pct	14.87	15.53
Yes but female told only during pregnancy	Weighted Frequency	25.86	0.83
	Row Percent	96.89	3.11
	Column Percent	1.83	0.12
	95% Lower Confidence Limit, Col Pct	0.60	0.00
	95% Upper Confidence Limit, Col Pct	3.06	0.25
No	Weighted Frequency	1198.38	597.24
	Row Percent	66.74	33.26
	Column Percent	84.66	86.45
	95% Lower Confidence Limit, Col Pct	81.36	81.96
	95% Upper Confidence Limit, Col Pct	87.95	90.95
No, pre-diabetes or borderline diabetes	Weighted Frequency	17.27	10.59
	Row Percent	61.99	38.01
	Column Percent	1.22	1.53
	95% Lower Confidence Limit, Col Pct	0.26	0.00
	95% Upper Confidence Limit, Col Pct	2.18	3.07
Does not know	Weighted Frequency	5.28	3.69
	Row Percent	58.86	41.14
	Column Percent	0.37	0.53
	95% Lower Confidence Limit, Col Pct	0.00	0.00
	95% Upper Confidence Limit, Col Pct	0.96	1.58

7.1. Have you ever been told by a doctor, nurse, or other health professional that you have diabetes?

Table A-117. Respondent told about diabetes, by whether provider asked about smoking (continued).

Response	Statistic	Provider asked if smoker	Provider did not ask if smoker
Total	Weighted Frequency	1415.55	690.84
	Row Percent	–	–
	Column Percent	100.00	100.00
	95% Lower Confidence Limit, Col Pct	–	–
	95% Upper Confidence Limit, Col Pct	–	–

Row percent indicates the percentage of responses in the demographic group.

Column percent indicates the percentage of the demographic group that gave the response.

Weighted Frequency Missing = 107.45. P-value from chi-square test. $p=0.3156$

7.1. Have you ever been told by a doctor, nurse, or other health professional that you have diabetes?

Table A-118. Respondent told about diabetes, by whether provider advised to quit smoking.

Response	Statistic	Advised to quit	Not advised to quit
Yes	Weighted Frequency	66.77	28.01
	Row Percent	70.45	29.55
	Column Percent	11.71	8.72
	95% Lower Confidence Limit, Col Pct	6.88	3.13
	95% Upper Confidence Limit, Col Pct	16.54	14.31
Yes but female told only during pregnancy	Weighted Frequency	5.39	11.80
	Row Percent	31.36	68.64
	Column Percent	0.95	3.67
	95% Lower Confidence Limit, Col Pct	0.00	0.00
	95% Upper Confidence Limit, Col Pct	2.40	7.76
No	Weighted Frequency	486.32	273.44
	Row Percent	64.01	35.99
	Column Percent	85.30	85.15
	95% Lower Confidence Limit, Col Pct	79.94	77.88
	95% Upper Confidence Limit, Col Pct	90.67	92.42
No, pre-diabetes or borderline diabetes	Weighted Frequency	11.63	4.19
	Row Percent	73.51	26.49
	Column Percent	2.04	1.30
	95% Lower Confidence Limit, Col Pct	0.00	0.00
	95% Upper Confidence Limit, Col Pct	4.24	3.62
Does not know	Weighted Frequency	.	3.69
	Row Percent	.	100.00
	Column Percent	.	1.15
	95% Lower Confidence Limit, Col Pct	.	0.00
	95% Upper Confidence Limit, Col Pct	.	3.39

7.1. Have you ever been told by a doctor, nurse, or other health professional that you have diabetes?

Table A-118. Respondent told about diabetes, by whether provider advised to quit smoking (continued).

Response	Statistic	Advised to quit	Not advised to quit
Total	Weighted Frequency	570.11	321.13
	Row Percent	–	–
	Column Percent	100.00	100.00
	95% Lower Confidence Limit, Col Pct	–	–
	95% Upper Confidence Limit, Col Pct	–	–

Row percent indicates the percentage of responses in the demographic group.

Column percent indicates the percentage of the demographic group that gave the response.

Weighted Frequency Missing = 107.45. P-value from chi-square test

P-value cannot be calculated because some cells have zero counts."

7.2. How old were you when you were told you have diabetes?

Table A-119. Age when told that respondent had diabetes.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
18 or under	37	14.54	6.66	22.42
19 - 29	31	12.17	5.00	19.33
34-9	109	43.22	32.56	53.87
56-4	66	26.15	16.72	35.57
Does not kn	10	3.93	0.10	7.77
Total	251	100.00	–	–

Weighted Frequency Missing = 2026.59.

7.3. Are you now taking insulin?

Table A-120. Respondent now takes insulin.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	110	43.92	33.17	54.67
No	141	56.08	45.33	66.83
Total	251	100.00	–	–

Weighted Frequency Missing = 2026.89.

7.3. Are you now taking insulin?

Table A-121. Respondent now takes insulin, by OHP program.

Response	Statistic	OHP Plus	OHP Standard	Total
Yes	Weighted Frequency	90.84	19.43	110.27
	Row Percent	82.38	17.62	100.00
	Column Percent	54.97	22.64	—
	95% Lower Confidence Limit, Col Pct	41.59	7.69	—
	95% Upper Confidence Limit, Col Pct	68.35	37.59	—
No	Weighted Frequency	74.41	66.38	140.79
	Row Percent	52.85	47.15	100.00
	Column Percent	45.03	77.36	—
	95% Lower Confidence Limit, Col Pct	31.65	62.41	—
	95% Upper Confidence Limit, Col Pct	58.41	92.31	—
Total	Weighted Frequency	165.25	85.81	251.06
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the OHP benefit group.
 Column percent indicates the percentage of the OHP benefit group that gave the response.
 Weighted Frequency Missing = 2026.89. P-value from chi-square test. p=0.0038

7.4. Are you taking pills to treat your diabetes?

Table A-122. Respondent takes pills to treat diabetes.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	157	63.58	53.02	74.13
No	90	36.42	25.87	46.98
Total	247	100.00	–	–

Weighted Frequency Missing = 2030.69.

7.5. About how often do you check your blood for glucose or sugar?

Table A-123. Frequency of checking for glucose or blood sugar.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Less than once per day	23	9.33	3.56	15.11
More than once per day	152	62.79	52.20	73.38
Never	23	9.28	2.80	15.75
Once	45	18.60	9.86	27.34
Total	243	100.00	–	–

Weighted Frequency Missing = 2035.34.

7.5. About how often do you check your blood for glucose or sugar?

Table A-124. Frequency of checking for glucose or blood sugar, by OHP program.

Response	Statistic	OHP Plus	OHP Standard	Total
Less than once per day	Weighted Frequency	12.92	9.72	22.64
	Row Percent	57.07	42.93	100.00
	Column Percent	8.06	11.81	—
	95% Lower Confidence Limit, Col Pct	1.23	1.22	—
	95% Upper Confidence Limit, Col Pct	14.89	22.40	—
More than once per day	Weighted Frequency	117.19	35.14	152.33
	Row Percent	76.93	23.07	100.00
	Column Percent	73.11	42.69	—
	95% Lower Confidence Limit, Col Pct	60.89	24.54	—
	95% Upper Confidence Limit, Col Pct	85.32	60.84	—
Never	Weighted Frequency	9.34	13.17	22.51
	Row Percent	41.49	58.51	100.00
	Column Percent	5.83	16.00	—
	95% Lower Confidence Limit, Col Pct	0.00	2.33	—
	95% Upper Confidence Limit, Col Pct	12.48	29.67	—
Once per day	Weighted Frequency	20.85	24.28	45.13
	Row Percent	46.20	53.80	100.00
	Column Percent	13.01	29.50	—
	95% Lower Confidence Limit, Col Pct	3.37	12.56	—
	95% Upper Confidence Limit, Col Pct	22.64	46.44	—
Total	Weighted Frequency	160.30	82.31	242.61
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the OHP benefit group.

Column percent indicates the percentage of the OHP benefit group that gave the response.

Weighted Frequency Missing = 2035.34. P-value from chi-square test. p=0.0495

7.5. About how often do you check your blood for glucose or sugar?

Table A-125. Frequency of checking for glucose or blood sugar, by Medicaid reimbursement plan.

Response	Statistic	FFS	MC	Total
Less than once per day	Weighted Frequency	6.44	16.20	22.64
	Row Percent	28.45	71.55	100.00
	Column Percent	7.28	10.81	—
	95% Lower Confidence Limit, Col Pct	0.00	2.56	—
	95% Upper Confidence Limit, Col Pct	14.60	19.06	—
More than once per day	Weighted Frequency	44.26	107.75	152.01
	Row Percent	29.12	70.88	100.00
	Column Percent	50.01	71.89	—
	95% Lower Confidence Limit, Col Pct	32.48	59.16	—
	95% Upper Confidence Limit, Col Pct	67.55	84.62	—
Never	Weighted Frequency	18.53	3.87	22.40
	Row Percent	82.72	17.28	100.00
	Column Percent	20.94	2.58	—
	95% Lower Confidence Limit, Col Pct	5.87	0.00	—
	95% Upper Confidence Limit, Col Pct	36.01	6.75	—
Once per day	Weighted Frequency	19.27	22.06	41.33
	Row Percent	46.62	53.38	100.00
	Column Percent	21.77	14.72	—
	95% Lower Confidence Limit, Col Pct	7.34	4.22	—
	95% Upper Confidence Limit, Col Pct	36.21	25.22	—
Total	Weighted Frequency	88.50	149.88	238.38
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the Medicaid enrollment group.
 Column percent indicates the percentage of the Medicaid enrollment group that gave the response.
 Weighted Frequency Missing = 2035.34. P-value from chi-square test. p=0.0171

7.6. About how often do you check your feet for any sores or irritations?

Table A-126. Frequency of checking feet for sores or irritations.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
More than once per day	33	14.03	6.17	21.89
Once per day per day	125	53.85	42.70	65.01
Less than once per day	50	21.60	12.06	31.13
Never	24	10.52	3.65	17.39
Total	233	100.00	–	–

Weighted Frequency Missing = 2045.24.

7.6. About how often do you check your feet for any sores or irritations?

Table A-127. Frequency of checking feet for sores or irritations, by rural/urban.

Response	Statistic	Rural	Urban	Total
More than once per day	Weighted Frequency	26.87	5.78	32.65
	Row Percent	82.30	17.70	100.00
	Column Percent	21.54	5.35	—
	95% Lower Confidence Limit, Col Pct	8.39	0.00	—
	95% Upper Confidence Limit, Col Pct	34.69	11.24	—
Once per day	Weighted Frequency	71.06	54.26	125.32
	Row Percent	56.70	43.30	100.00
	Column Percent	56.97	50.25	—
	95% Lower Confidence Limit, Col Pct	41.56	34.32	—
	95% Upper Confidence Limit, Col Pct	72.37	66.19	—
Less than once per day	Weighted Frequency	18.50	31.76	50.26
	Row Percent	36.81	63.19	100.00
	Column Percent	14.83	29.42	—
	95% Lower Confidence Limit, Col Pct	3.81	14.00	—
	95% Upper Confidence Limit, Col Pct	25.85	44.83	—
Never	Weighted Frequency	8.31	16.17	24.48
	Row Percent	33.95	66.05	100.00
	Column Percent	6.66	14.98	—
	95% Lower Confidence Limit, Col Pct	0.00	2.88	—
	95% Upper Confidence Limit, Col Pct	13.65	27.07	—
Total	Weighted Frequency	124.74	107.97	232.71
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the geographic location group.

Column percent indicates the percentage of the geographic location group that gave the response.

Weighted Frequency Missing = 2045.24. P-value from chi-square test. p=0.0465

7.7. About how many times in the past 12 months have you seen a doctor, nurse, or other health professional for your diabetes?

Table A-128. Visits to health professional for diabetes, past 12 months.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
None	26	10.94	3.99	17.89
Once	21	8.60	2.68	14.52
Two or three times	38	15.61	8.18	23.03
Four or more times	157	64.86	54.54	75.17
Total	241	100.00	–	–

Weighted Frequency Missing = 2036.58.

7.7. About how many times in the past 12 months have you seen a doctor, nurse, or other health professional for your diabetes?

Table A-129. Respondent has had a visit for diabetes in past 12 months, by HbA1c test in past 12 months.

Response	Statistic	NoHbA1c test	One HbA1c test	Two or three HbA1c test	Four or more HbA1c test	Total
None	Weighted Frequency	14.54	4.23	4.16	0.10	23.03
	Row Percent	63.14	18.37	18.06	0.43	100.00
	Column Percent	44.84	15.71	4.19	0.20	—
	95% Lower Confidence Limit, Col Pct	14.15	0.00	0.00	0.00	—
	95% Upper Confidence Limit, Col Pct	75.52	37.42	11.50	0.61	—
One or more times	Weighted Frequency	17.89	22.69	95.06	49.90	185.54
	Row Percent	9.64	12.23	51.23	26.89	100.00
	Column Percent	55.16	84.29	95.81	99.80	—
	95% Lower Confidence Limit, Col Pct	24.48	62.58	88.50	99.39	—
	95% Upper Confidence Limit, Col Pct	85.85	100.00	100.00	100.00	—
Total	Weighted Frequency	32.43	26.92	99.22	50.00	208.57
	Row Percent	—	—	—	—	—
	Column Percent	100.00	100.00	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—	—	—

Row percent indicates the percentage of responses in the HbA1c group. Column percent indicates the percentage of the HbA1c group that gave the response. Weighted Frequency Missing = 2036.58. P-value from chi-square test. p=<.0001

7.7. About how many times in the past 12 months have you seen a doctor, nurse, or other health professional for your diabetes?

Table A-130. Respondent has had a visit for diabetes in past 12 months, by provider foot assessment check in past 12 months.

Response	Statistic	Foot assessment in last 12 months	No foot assessment in last 12 months	Total
None	Weighted Frequency	14.64	11.76	26.40
	Row Percent	55.45	44.55	100.00
	Column Percent	7.29	32.24	39.53
	95% Lower Confidence Limit, Col Pct	1.08	5.23	—
	95% Upper Confidence Limit, Col Pct	13.50	59.25	—
One or more visits	Weighted Frequency	186.13	24.72	210.85
	Row Percent	88.28	11.72	100.00
	Column Percent	92.71	67.76	—
	95% Lower Confidence Limit, Col Pct	86.50	40.75	—
	95% Upper Confidence Limit, Col Pct	98.92	94.77	—
Total	Weighted Frequency	200.77	36.48	237.25
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the foot assessment response. Column percent indicates the percentage of the foot assessment group that gave the response. Weighted Frequency Missing = 2036.58. P-value from chi-square test. p=0.0110

7.10. When was the last time you had an eye exam in which the pupils were dilated?

Table A-131. Last eye exam in which pupils were dilated.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
0 up to 1 month ago	71	28.45	18.81	38.10
1 up to 12 months ago	98	39.28	28.67	49.89
1 up to 2 years ago	39	15.47	7.70	23.23
2 or more years ago	31	12.47	5.15	19.80
Does not apply	11	4.33	0.00	8.88
Total	250	100.00	–	–

Weighted Frequency Missing = 2027.86.

7.11. Have you ever attended any formal diabetes education session, either classes or one-on-one training with a diabetes educator?

Table A-132. Respondent has attended diabetes education session.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	184	73.44	63.85	83.04
No	66	26.56	16.96	36.15
Total	250	100.00	–	–

Weighted Frequency Missing = 2027.64.

7.12. When was the last time you had this formal diabetes education session?

Table A-133. Last time attended diabetes education session.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
0 up to 1 month	27	15.11	6.20	24.03
1 up to 12 months	51	28.49	16.84	40.15
1 up to 2 years	32	17.92	8.11	27.72
2 or more years	69	38.48	26.07	50.89
Total	180	100.00	–	–

Weighted Frequency Missing = 2097.77.

7.13. Over the last 12 months, how difficult has it been for you to take medications as prescribed?

Table A-134. Degree of difficulty taking medications as prescribed.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Not at all difficult	158	63.27	52.82	73.72
Slightly difficult	52	20.71	11.98	29.44
Somewhat difficult	13	5.07	0.22	9.92
Very difficult	4	1.64	0.00	4.15
Extremely difficult	1	0.36	0.00	0.74
Does not apply	22	8.95	2.55	15.35
Total	250	100.00	–	–

Weighted Frequency Missing = 2028.14.

7.14. Over the last 12 months, how difficult has it been for you to get physical activity regularly?

Table A-135. Degree of difficulty getting regular physical activity.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Not at all difficult	55	22.27	13.25	31.29
Slightly difficult	38	15.63	8.04	23.22
Somewhat difficult	60	24.51	14.92	34.10
Very difficult	67	27.36	17.51	37.22
Extremely difficult	25	10.11	3.59	16.63
Does not apply	0	0.12	0.00	0.30
Total	246	100.00	–	–

Weighted Frequency Missing = 2031.71.

7.15. Over the last 12 months, how difficult has it been for you to follow your recommended eating plan?

Table A-136. Degree of difficulty following recommended eating plan.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Not at all difficult	77	31.11	21.00	41.22
Slightly difficult	56	22.68	13.47	31.90
Somewhat difficult	58	23.36	14.19	32.53
Very difficult	42	16.89	8.47	25.31
Extremely difficult	6	2.52	0.00	5.16
Does not apply	8	3.43	0.00	7.35
Total	246	100.00	–	–

Weighted Frequency Missing = 2031.57.

7.15. Over the last 12 months, how difficult has it been for you to follow your recommended eating plan?

Table A-137. Degree of difficulty following recommended eating plan, by OHP program.

Response	Statistic	OHP Plus	OHP Standard	Total
Not at all difficult	Weighted Frequency	45.59	31.06	76.65
	Row Percent	59.48	40.52	100.00
	Column Percent	28.33	36.34	—
	95% Lower Confidence Limit, Col Pct	15.94	19.04	—
	95% Upper Confidence Limit, Col Pct	40.73	53.65	—
Slightly difficult	Weighted Frequency	23.71	32.18	55.89
	Row Percent	42.42	57.58	100.00
	Column Percent	14.73	37.65	—
	95% Lower Confidence Limit, Col Pct	4.83	20.06	—
	95% Upper Confidence Limit, Col Pct	24.64	55.25	—
Somewhat difficult	Weighted Frequency	46.13	11.43	57.56
	Row Percent	80.14	19.86	100.00
	Column Percent	28.67	13.37	—
	95% Lower Confidence Limit, Col Pct	16.32	1.73	—
	95% Upper Confidence Limit, Col Pct	41.01	25.01	—
Very difficult	Weighted Frequency	32.29	9.33	41.62
	Row Percent	77.58	22.42	100.00
	Column Percent	20.07	10.92	—
	95% Lower Confidence Limit, Col Pct	8.95	0.00	—
	95% Upper Confidence Limit, Col Pct	31.18	22.98	—
Extremely difficult	Weighted Frequency	5.57	0.65	6.22
	Row Percent	89.55	10.45	100.00
	Column Percent	3.46	0.76	—
	95% Lower Confidence Limit, Col Pct	0.00	0.00	—
	95% Upper Confidence Limit, Col Pct	7.45	1.77	—

7.15. Over the last 12 months, how difficult has it been for you to follow your recommended eating plan?

Table A-137. Degree of difficulty following recommended eating plan, by OHP program (continued).

Response	Statistic	OHP Plus	OHP Standard	Total
Does not apply	Weighted Frequency	7.62	0.82	8.44
	Row Percent	90.28	9.72	100.00
	Column Percent	4.74	0.96	—
	95% Lower Confidence Limit, Col Pct	0.00	0.05	—
	95% Upper Confidence Limit, Col Pct	10.67	1.87	—
Total	Weighted Frequency	160.91	85.47	246.38
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the OHP benefit group.
 Column percent indicates the percentage of the OHP benefit group that gave the response.
 Weighted Frequency Missing = 2031.57. P-value from chi-square test. p=0.0218

7.16. Over the last 12 months, how difficult has it been for you to check your blood for sugar?

Table A-138. Degree of difficulty checking blood sugar.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Not at all difficult	162	64.72	54.24	75.19
Slightly difficult	38	15.02	7.28	22.77
Somewhat difficult	22	8.68	2.33	15.03
Very difficult	1	0.56	0.10	1.03
Extremely difficult	12	4.79	0.02	9.56
Does not apply	16	6.23	0.55	11.90
Total	250	100.00	–	–

Weighted Frequency Missing = 2028.2.

7.17. Over the last 12 months, how difficult has it been for you to check your feet for wounds or sores?

Table A-139. Degree of difficulty checking feet for wounds or sores.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Not at all difficult	198	79.11	70.39	87.82
Slightly difficult	20	8.20	2.26	14.15
Somewhat difficult	18	7.40	1.90	12.90
Very difficult	1	0.50	0.11	0.89
Extremely difficult	4	1.60	0.00	4.11
Does not apply	8	3.19	0.00	7.33
Total	250	100.00	–	–

Weighted Frequency Missing = 2028.1.

7.18. Has a doctor, nurse, or other health professional explained or shown you how to care for your feet?

Table A-140. Health professional explained how to care for feet.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes and understood completely	162	67.14	56.83	77.44
Yes but are still confused	11	4.46	0.37	8.56
No one has explained this	69	28.40	18.42	38.38
Total	242	100.00	—	—

Weighted Frequency Missing = 2035.96.

7.18. Has a doctor, nurse, or other health professional explained or shown you how to care for your feet?

Table A-141. Health professional explained how to care for feet, by gender.

Response	Statistic	Female	Male	Total
Yes and understood completely	Weighted Frequency	111.13	51.33	162.46
	Row Percent	68.40	31.60	100.00
	Column Percent	67.94	65.45	—
	95% Lower Confidence Limit, Col Pct	55.60	46.82	—
	95% Upper Confidence Limit, Col Pct	80.29	84.08	—
Yes but are still confused	Weighted Frequency	0.79	10.01	10.80
	Row Percent	7.31	92.69	100.00
	Column Percent	0.48	12.76	—
	95% Lower Confidence Limit, Col Pct	0.00	0.64	—
	95% Upper Confidence Limit, Col Pct	1.00	24.89	—
No one has explained this	Weighted Frequency	51.64	17.09	68.73
	Row Percent	75.13	24.87	100.00
	Column Percent	31.57	21.79	—
	95% Lower Confidence Limit, Col Pct	19.23	5.02	—
	95% Upper Confidence Limit, Col Pct	43.91	38.56	—
Total	Weighted Frequency	163.56	78.43	241.99
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the gender group.

Column percent indicates the percentage of the gender group that gave the response.

Weighted Frequency Missing = 2035.96. P-value from chi-square test. p=0.0048

7.19. Has a doctor, nurse or other health professional explained or shown you how and when to test your blood glucose?

Table A-142. Health professional explained how to test blood glucose.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes and understood completely	203	81.51	73.02	90.00
Yes but are still confused	8	3.37	0.09	6.66
No one has explained this	38	15.12	7.05	23.18
Total	249	100.00	–	–

Weighted Frequency Missing = 2028.56.

7.19. Has a doctor, nurse or other health professional explained or shown you how and when to test your blood glucose?

Table A-143. Health professional explained how to test blood glucose, by OHP program.

Response	Statistic	OHP Plus	OHP Standard	Total
Yes and understood completely	Weighted Frequency	123.43	79.85	203.28
	Row Percent	60.72	39.28	100.00
	Column Percent	75.32	93.37	–
	95% Lower Confidence Limit, Col Pct	63.44	85.89	–
	95% Upper Confidence Limit, Col Pct	87.21	100.00	–
Yes but are still confused	Weighted Frequency	7.93	0.48	8.41
	Row Percent	94.29	5.71	100.00
	Column Percent	4.84	0.56	–
	95% Lower Confidence Limit, Col Pct	0.00	0.00	–
	95% Upper Confidence Limit, Col Pct	9.80	1.30	–
No one has explained this	Weighted Frequency	32.51	5.19	37.70
	Row Percent	86.23	13.77	100.00
	Column Percent	19.84	6.07	–
	95% Lower Confidence Limit, Col Pct	8.51	0.00	–
	95% Upper Confidence Limit, Col Pct	31.17	13.50	–
Total	Weighted Frequency	163.87	85.52	249.39
	Row Percent	–	–	–
	Column Percent	100.00	100.00	–
	95% Lower Confidence Limit, Col Pct	–	–	–
	95% Upper Confidence Limit, Col Pct	–	–	–

Row percent indicates the percentage of responses in the OHP benefit group.
 Column percent indicates the percentage of the OHP benefit group that gave the response.
 Weighted Frequency Missing = 2028.56. P-value from chi-square test. p=0.0091

7.19. Has a doctor, nurse or other health professional explained or shown you how and when to test your blood glucose?

Table A-144. Health professional explained how to test blood glucose, by gender.

Response	Statistic	Female	Male	Total
Yes and understood completely	Weighted Frequency	148.79	54.49	203.28
	Row Percent	73.19	26.81	100.00
	Column Percent	86.98	69.57	–
	95% Lower Confidence Limit, Col Pct	78.55	51.03	–
	95% Upper Confidence Limit, Col Pct	95.40	88.12	–
Yes but are still confused	Weighted Frequency	1.40	7.01	8.41
	Row Percent	16.65	83.35	100.00
	Column Percent	0.82	8.95	–
	95% Lower Confidence Limit, Col Pct	0.20	0.00	–
	95% Upper Confidence Limit, Col Pct	1.44	19.08	–
No one has explained this	Weighted Frequency	20.88	16.82	37.70
	Row Percent	55.38	44.62	100.00
	Column Percent	12.21	21.48	–
	95% Lower Confidence Limit, Col Pct	3.80	4.07	–
	95% Upper Confidence Limit, Col Pct	20.61	38.88	–
Total	Weighted Frequency	171.07	78.32	249.39
	Row Percent	–	–	–
	Column Percent	100.00	100.00	–
	95% Lower Confidence Limit, Col Pct	–	–	–
	95% Upper Confidence Limit, Col Pct	–	–	–

Row percent indicates the percentage of responses in the gender group.

Column percent indicates the percentage of the gender group that gave the response.

Weighted Frequency Missing = 2028.56. P-value from chi-square test. $p=0.0178$

7.20. Has a doctor, nurse or other health professional explained or shown to you how to adjust your food choices to help you manage your blood glucose level?

Table A-145. Health professional explained how to adjust food choices to manage blood glucose.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes and understood completely	166	66.75	56.43	77.06
Yes but are still confused	40	16.12	8.14	24.11
No one has explained this	43	17.13	8.75	25.51
Total	249	100.00	–	–

Weighted Frequency Missing = 2028.77.

7.21. Has a doctor, nurse or other health professional explained or shown to you how to get appropriate physical activity?

Table A-146. Health professional explained appropriate physical activity.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes and understood completely	163	67.48	57.23	77.73
Yes but are still confused	10	4.26	0.29	8.24
No one has explained this	68	28.26	18.34	38.19
Total	242	100.00	–	–

Weighted Frequency Missing = 2036.24.

7.21. Has a doctor, nurse or other health professional explained or shown to you how to get appropriate physical activity?

Table A-147. Health professional explained appropriate physical activity, by OHP program.

Response	Statistic	OHP Plus	OHP Standard	Total
Yes and understood completely	Weighted Frequency	96.48	66.62	163.10
	Row Percent	59.15	40.85	100.00
	Column Percent	60.33	81.46	–
	95% Lower Confidence Limit, Col Pct	46.90	68.17	–
	95% Upper Confidence Limit, Col Pct	73.75	94.76	–
Yes but are still confused	Weighted Frequency	5.67	4.63	10.30
	Row Percent	55.05	44.95	100.00
	Column Percent	3.55	5.66	–
	95% Lower Confidence Limit, Col Pct	0.00	0.00	–
	95% Upper Confidence Limit, Col Pct	7.54	14.37	–
No one has explained this	Weighted Frequency	57.78	10.53	68.31
	Row Percent	84.58	15.42	100.00
	Column Percent	36.13	12.88	–
	95% Lower Confidence Limit, Col Pct	22.84	2.10	–
	95% Upper Confidence Limit, Col Pct	49.41	23.65	–
Total	Weighted Frequency	159.93	81.78	241.71
	Row Percent	–	–	–
	Column Percent	100.00	100.00	–
	95% Lower Confidence Limit, Col Pct	–	–	–
	95% Upper Confidence Limit, Col Pct	–	–	–

Row percent indicates the percentage of responses in the OHP benefit group.

Column percent indicates the percentage of the OHP benefit group that gave the response.

Weighted Frequency Missing = 2036.24. P-value from chi-square test. p=0.0493

7.21. Has a doctor, nurse or other health professional explained or shown to you how to get appropriate physical activity?

Table A-148. Health professional explained appropriate physical activity, by rural/urban.

Response	Statistic	Rural	Urban	Total
Yes and understood completely	Weighted Frequency	98.00	65.10	163.10
	Row Percent	60.09	39.91	100.00
	Column Percent	76.75	57.09	—
	95% Lower Confidence Limit, Col Pct	64.14	41.49	—
	95% Upper Confidence Limit, Col Pct	89.36	72.69	—
Yes but are still confused	Weighted Frequency	8.26	2.04	10.30
	Row Percent	80.19	19.81	100.00
	Column Percent	6.47	1.79	—
	95% Lower Confidence Limit, Col Pct	0.00	0.62	—
	95% Upper Confidence Limit, Col Pct	13.83	2.96	—
No one has explained this	Weighted Frequency	21.42	46.89	68.31
	Row Percent	31.36	68.64	100.00
	Column Percent	16.78	41.12	—
	95% Lower Confidence Limit, Col Pct	5.74	25.49	—
	95% Upper Confidence Limit, Col Pct	27.82	56.75	—
Total	Weighted Frequency	127.68	114.03	241.71
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the geographic location group.

Column percent indicates the percentage of the geographic location group that gave the response.

Weighted Frequency Missing = 2036.24. P-value from chi-square test. p=0.0048

7.22. Has a doctor, nurse, or other health professional explained or shown you how to take your medications?

Table A-149. Health professional explained how to take medications.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes and understood completely	207	84.20	76.05	92.36
Yes but are still confused	4	1.82	0.00	4.77
No one has explained this	34	13.97	6.20	21.75
Total	246	100.00	–	–

Weighted Frequency Missing = 2031.71.

7.23. Has a doctor, nurse or other health professional explained to you about the long-term consequences of diabetes, for example eye problems, foot ulcers, or heart attack?

Table A-150. Health professional explained consequences of diabetes.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes and understood completely	207	85.39	77.51	93.27
Yes but are still confused	18	7.32	1.50	13.15
No one has explained this	18	7.29	1.49	13.09
Total	242	100.00	–	–

Weighted Frequency Missing = 2035.7.

7.24. Do you have a parent or sibling, related by blood, who has or did have diabetes?

Table A-151. Respondent has blood relative who has/had diabetes.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	773	36.30	32.52	40.09
No	1339	62.91	59.11	66.72
No, I am adopted	17	0.78	0.08	1.48
Total	2128	100.00	–	–

Weighted Frequency Missing = 150.03.

7.24. Do you have a parent or sibling, related by blood, who has or did have diabetes?

Table A-152. Respondent has blood relative who has/had diabetes, by age.

Response	Statistic	19-24	25-34	35-44	45-54	55-64	Total
Yes	Weighted Frequency	61.47	168.88	211.51	198.46	132.19	772.51
	Row Percent	7.96	21.86	27.38	25.69	17.11	100.00
	Column Percent	20.05	34.25	41.71	41.49	38.56	—
	95% Lower Confidence Limit, Col Pct	11.48	26.31	33.38	33.83	29.77	—
	95% Upper Confidence Limit, Col Pct	28.61	42.19	50.04	49.15	47.34	—
No	Weighted Frequency	244.92	322.69	288.90	278.65	203.59	1338.75
	Row Percent	18.29	24.10	21.58	20.81	15.21	100.00
	Column Percent	79.87	65.45	56.98	58.25	59.38	—
	95% Lower Confidence Limit, Col Pct	71.31	57.51	48.60	50.59	50.48	—
	95% Upper Confidence Limit, Col Pct	88.44	73.39	65.36	65.91	68.28	—
No, I am adopted	Weighted Frequency	0.24	1.48	6.65	1.23	7.06	16.66
	Row Percent	1.44	8.88	39.92	7.38	42.38	100.00
	Column Percent	0.08	0.30	1.31	0.26	2.06	—
	95% Lower Confidence Limit, Col Pct	0.00	0.04	0.00	0.00	0.00	—
	95% Upper Confidence Limit, Col Pct	0.23	0.56	3.51	0.54	4.86	—
Total	Weighted Frequency	306.63	493.05	507.06	478.34	342.84	2127.92
	Row Percent	—	—	—	—	—	—
	Column Percent	100.00	100.00	100.00	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—	—	—	—

Row percent indicates the percentage of responses in the age group.
 Column percent indicates the percentage of the age group that gave the response.
 Weighted Frequency Missing = 150.03. P-value from chi-square test. $p=0.0008$

7.24. Do you have a parent or sibling, related by blood, who has or did have diabetes?

Table A-153. Respondent has blood relative who has/had diabetes, by gender.

Response	Statistic	Female	Male	Total
Yes	Weighted Frequency	555.75	216.76	772.51
	Row Percent	71.94	28.06	100.00
	Column Percent	39.32	30.34	—
	95% Lower Confidence Limit, Col Pct	34.77	23.67	—
	95% Upper Confidence Limit, Col Pct	43.87	37.00	—
No	Weighted Frequency	851.12	487.63	1338.75
	Row Percent	63.58	36.42	100.00
	Column Percent	60.22	68.24	—
	95% Lower Confidence Limit, Col Pct	55.66	61.47	—
	95% Upper Confidence Limit, Col Pct	64.78	75.02	—
No, I am adopted	Weighted Frequency	6.50	10.16	16.66
	Row Percent	39.02	60.98	100.00
	Column Percent	0.46	1.42	—
	95% Lower Confidence Limit, Col Pct	0.00	0.00	—
	95% Upper Confidence Limit, Col Pct	0.93	3.29	—
Total	Weighted Frequency	1413.37	714.55	2127.92
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the gender group.

Column percent indicates the percentage of the gender group that gave the response.

Weighted Frequency Missing = 150.03. P-value from chi-square test. $p=0.0401$

7.24. Do you have a parent or sibling, related by blood, who has or did have diabetes?

Table A-154. Respondent has blood relative who has/had diabetes, by rural/urban.

Response	Statistic	Rural	Urban	Total
Yes	Weighted Frequency	368.14	404.37	772.51
	Row Percent	47.66	52.34	100.00
	Column Percent	38.41	34.58	—
	95% Lower Confidence Limit, Col Pct	32.64	29.59	—
	95% Upper Confidence Limit, Col Pct	44.17	39.58	—
No	Weighted Frequency	589.64	749.11	1338.75
	Row Percent	44.04	55.96	100.00
	Column Percent	61.51	64.06	—
	95% Lower Confidence Limit, Col Pct	55.75	59.01	—
	95% Upper Confidence Limit, Col Pct	67.28	69.11	—
No, I am adopted	Weighted Frequency	0.78	15.88	16.66
	Row Percent	4.68	95.32	100.00
	Column Percent	0.08	1.36	—
	95% Lower Confidence Limit, Col Pct	0.00	0.09	—
	95% Upper Confidence Limit, Col Pct	0.16	2.63	—
Total	Weighted Frequency	958.56	1169.36	2127.92
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the geographic location group.

Column percent indicates the percentage of the geographic location group that gave the response.

Weighted Frequency Missing = 150.03. P-value from chi-square test. $p=0.0269$

8.1. How long has it been since you last visited a dentist or a dental clinic for any reason?

Table A-155. Last time visited dentist or dental clinic.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
0 up to 1 year ago	1076	49.83	45.88	53.77
1 up to 2 years ago	457	21.13	17.93	24.33
2 up to 5 years ago	332	15.38	12.47	18.29
5 or more years ago	264	12.22	9.70	14.74
Does not know	25	1.17	0.40	1.94
Never	6	0.27	0.15	0.38
Total	2160	100.00	–	–

Weighted Frequency Missing = 117.48.

8.1. How long has it been since you last visited a dentist or a dental clinic for any reason?

Table A-156. Last time visited dentist or dental clinic, by OHP program.

Response	Statistic	OHP Plus	OHP Standard	Total
0 up to 1 year ago	Weighted Frequency	768.26	307.71	1075.97
	Row Percent	71.40	28.60	100.00
	Column Percent	55.18	40.11	—
	95% Lower Confidence Limit, Col Pct	50.27	33.52	—
	95% Upper Confidence Limit, Col Pct	60.08	46.70	—
1 up to 2 years ago	Weighted Frequency	271.78	184.80	456.58
	Row Percent	59.53	40.47	100.00
	Column Percent	19.52	24.09	—
	95% Lower Confidence Limit, Col Pct	15.66	18.44	—
	95% Upper Confidence Limit, Col Pct	23.38	29.74	—
2 up to 5 years ago	Weighted Frequency	175.93	156.05	331.98
	Row Percent	52.99	47.01	100.00
	Column Percent	12.64	20.34	—
	95% Lower Confidence Limit, Col Pct	9.11	15.20	—
	95% Upper Confidence Limit, Col Pct	16.16	25.48	—
5 or more years ago	Weighted Frequency	155.15	108.79	263.94
	Row Percent	58.78	41.22	100.00
	Column Percent	11.14	14.18	—
	95% Lower Confidence Limit, Col Pct	8.11	9.72	—
	95% Upper Confidence Limit, Col Pct	14.17	18.65	—
Does not know	Weighted Frequency	19.39	5.89	25.28
	Row Percent	76.70	23.30	100.00
	Column Percent	1.39	0.77	—
	95% Lower Confidence Limit, Col Pct	0.30	0.00	—
	95% Upper Confidence Limit, Col Pct	2.49	1.59	—

8.1. How long has it been since you last visited a dentist or a dental clinic for any reason?

Table A-156. Last time visited dentist or dental clinic, by OHP program (continued).

Response	Statistic	OHP Plus	OHP Standard	Total
Never	Weighted Frequency	1.87	3.92	5.79
	Row Percent	32.30	67.70	100.00
	Column Percent	0.13	0.51	–
	95% Lower Confidence Limit, Col Pct	0.04	0.23	–
	95% Upper Confidence Limit, Col Pct	0.22	0.79	–
	Total	Weighted Frequency	1392.38	767.16
Total	Row Percent	–	–	–
	Column Percent	100.00	100.00	–
	95% Lower Confidence Limit, Col Pct	–	–	–
	95% Upper Confidence Limit, Col Pct	–	–	–

Row percent indicates the percentage of responses in the OHP benefit group.
 Column percent indicates the percentage of the OHP benefit group that gave the response.
 Weighted Frequency Missing = 117.48. P-value from chi-square test. p=0.0008

8.1. How long has it been since you last visited a dentist or a dental clinic for any reason?

Table A-157. Last time visited dentist or dental clinic, by Medicaid reimbursement plan.

Response	Statistic	FFS	MC	Total	
0 up to 1 year ago	Weighted Frequency	348.87	684.82	1033.69	
	Row Percent	33.75	66.25	100.00	
	Column Percent	42.59	53.13	—	
	95% Lower Confidence Limit, Col Pct	36.40	47.96	—	
	95% Upper Confidence Limit, Col Pct	48.78	58.29	—	
	1 up to 2 years ago	Weighted Frequency	178.51	272.32	450.83
1 up to 2 years ago	Row Percent	39.60	60.40	100.00	
	Column Percent	21.79	21.13	—	
	95% Lower Confidence Limit, Col Pct	16.61	16.95	—	
	95% Upper Confidence Limit, Col Pct	26.97	25.30	—	
	2 up to 5 years ago	Weighted Frequency	155.36	176.40	331.76
	2 up to 5 years ago	Row Percent	46.83	53.17	100.00
Column Percent		18.97	13.68	—	
95% Lower Confidence Limit, Col Pct		13.94	10.03	—	
95% Upper Confidence Limit, Col Pct		23.99	17.34	—	
5 or more years ago		Weighted Frequency	122.09	139.01	261.10
5 or more years ago		Row Percent	46.76	53.24	100.00
	Column Percent	14.90	10.78	—	
	95% Lower Confidence Limit, Col Pct	10.48	7.69	—	
	95% Upper Confidence Limit, Col Pct	19.33	13.88	—	
	Does not know	Weighted Frequency	10.29	14.80	25.09
	Does not know	Row Percent	41.01	58.99	100.00
Column Percent		1.26	1.15	—	
95% Lower Confidence Limit, Col Pct		0.07	0.11	—	
95% Upper Confidence Limit, Col Pct		2.44	2.19	—	

8.1. How long has it been since you last visited a dentist or a dental clinic for any reason?

Table A-157. Last time visited dentist or dental clinic, by Medicaid reimbursement plan (continued).

Response	Statistic	FFS	MC	Total
Never	Weighted Frequency	4.07	1.72	5.79
	Row Percent	70.29	29.71	100.00
	Column Percent	0.50	0.13	—
	95% Lower Confidence Limit, Col Pct	0.23	0.04	—
	95% Upper Confidence Limit, Col Pct	0.76	0.23	—
	Total	Weighted Frequency	819.19	1289.07
Total	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the Medicaid enrollment group.
 Column percent indicates the percentage of the Medicaid enrollment group that gave the response.
 Weighted Frequency Missing = 117.48. P-value from chi-square test. p=0.049

8.1. How long has it been since you last visited a dentist or a dental clinic for any reason?

Table A-158. Last time visited dentist or dental clinic, by age.

Response	Statistic	19–24	25–34	35–44	45–54	55–64	Total
0 up to 1 year ago	Weighted Frequency	187.02	284.36	263.57	205.61	135.91	1076.47
	Row Percent	17.37	26.42	24.48	19.10	12.63	100.00
	Column Percent	60.68	56.55	51.20	42.84	38.32	—
	95% Lower Confidence Limit, Col Pct	49.62	48.26	42.79	35.18	29.67	—
	95% Upper Confidence Limit, Col Pct	71.73	64.84	59.62	50.49	46.98	—
1 up to 2 years ago	Weighted Frequency	48.75	102.80	109.42	131.24	64.37	456.58
	Row Percent	10.68	22.52	23.97	28.74	14.10	100.00
	Column Percent	15.82	20.44	21.26	27.34	18.15	—
	95% Lower Confidence Limit, Col Pct	8.49	13.63	14.28	20.41	11.00	—
	95% Upper Confidence Limit, Col Pct	23.14	27.25	28.23	34.27	25.30	—
2 up to 5 years ago	Weighted Frequency	48.06	59.03	98.15	72.16	54.93	332.33
	Row Percent	14.46	17.76	29.53	21.71	16.53	100.00
	Column Percent	15.59	11.74	19.07	15.03	15.49	—
	95% Lower Confidence Limit, Col Pct	6.38	6.39	12.42	9.47	9.07	—
	95% Upper Confidence Limit, Col Pct	24.81	17.08	25.72	20.60	21.91	—
5 or more years ago	Weighted Frequency	19.31	49.06	41.23	66.13	88.29	264.02
	Row Percent	7.31	18.58	15.62	25.05	33.44	100.00
	Column Percent	6.27	9.76	8.01	13.78	24.90	—
	95% Lower Confidence Limit, Col Pct	1.48	4.73	3.54	8.45	16.96	—
	95% Upper Confidence Limit, Col Pct	11.05	14.78	12.48	19.10	32.83	—
Does not know	Weighted Frequency	4.75	5.60	1.10	3.77	10.06	25.28
	Row Percent	18.79	22.15	4.35	14.91	39.79	100.00
	Column Percent	1.54	1.11	0.21	0.79	2.84	—
	95% Lower Confidence Limit, Col Pct	0.00	0.00	0.00	0.00	0.00	—
	95% Upper Confidence Limit, Col Pct	3.96	2.89	0.43	1.99	5.68	—

8.1. How long has it been since you last visited a dentist or a dental clinic for any reason?

Table A-158. Last time visited dentist or dental clinic, by age (continued).

Response	Statistic	19–24	25–34	35–44	45–54	55–64	Total
Never	Weighted Frequency	0.33	2.02	1.27	1.09	1.08	5.79
	Row Percent	5.70	34.89	21.93	18.83	18.65	100.00
	Column Percent	0.11	0.40	0.25	0.23	0.30	–
	95% Lower Confidence Limit, Col Pct	0.00	0.07	0.04	0.04	0.02	–
	95% Upper Confidence Limit, Col Pct	0.28	0.73	0.45	0.42	0.59	–
	Total	Weighted Frequency	308.22	502.87	514.74	480.00	354.64
Total	Row Percent	–	–	–	–	–	–
	Column Percent	100.00	100.00	100.00	100.00	100.00	–
	95% Lower Confidence Limit, Col Pct	–	–	–	–	–	–
	95% Upper Confidence Limit, Col Pct	–	–	–	–	–	–

Row percent indicates the percentage of responses in the age group.

Column percent indicates the percentage of the age group that gave the response.

Weighted Frequency Missing = 117.48. P-value from chi-square test. p=0.0002

8.1. How long has it been since you last visited a dentist or a dental clinic for any reason?

Table A-159. Last time visited dentist or dental clinic, by rural/urban.

Response	Statistic	Rural	Urban	Total
0 up to 1 year ago	Weighted Frequency	436.62	639.85	1076.47
	Row Percent	40.56	59.44	100.00
	Column Percent	44.75	54.01	—
	95% Lower Confidence Limit, Col Pct	38.85	48.74	—
	95% Upper Confidence Limit, Col Pct	50.65	59.27	—
1 up to 2 years ago	Weighted Frequency	233.30	223.28	456.58
	Row Percent	51.10	48.90	100.00
	Column Percent	23.91	18.85	—
	95% Lower Confidence Limit, Col Pct	18.84	14.80	—
	95% Upper Confidence Limit, Col Pct	28.99	22.89	—
2 up to 5 years ago	Weighted Frequency	135.51	196.82	332.33
	Row Percent	40.78	59.22	100.00
	Column Percent	13.89	16.61	—
	95% Lower Confidence Limit, Col Pct	9.76	12.54	—
	95% Upper Confidence Limit, Col Pct	18.02	20.68	—
5 or more years ago	Weighted Frequency	156.98	107.04	264.02
	Row Percent	59.46	40.54	100.00
	Column Percent	16.09	9.03	—
	95% Lower Confidence Limit, Col Pct	11.79	6.16	—
	95% Upper Confidence Limit, Col Pct	20.39	11.90	—
Does not know	Weighted Frequency	10.84	14.44	25.28
	Row Percent	42.88	57.12	100.00
	Column Percent	1.11	1.22	—
	95% Lower Confidence Limit, Col Pct	0.00	0.19	—
	95% Upper Confidence Limit, Col Pct	2.26	2.24	—

8.1. How long has it been since you last visited a dentist or a dental clinic for any reason?

Table A-159. Last time visited dentist or dental clinic, by rural/urban (continued).

Response	Statistic	Rural	Urban	Total
Never	Weighted Frequency	2.43	3.36	5.79
	Row Percent	41.97	58.03	100.00
	Column Percent	0.25	0.28	—
	95% Lower Confidence Limit, Col Pct	0.09	0.12	—
	95% Upper Confidence Limit, Col Pct	0.41	0.44	—
	Total	Weighted Frequency	975.68	1184.79
Total	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the geographic location group.
 Column percent indicates the percentage of the geographic location group that gave the response.
 Weighted Frequency Missing = 117.48. P-value from chi-square test. p=0.011

8.2. How many of your permanent teeth have been removed because of tooth decay or gum disease?

Table A-160. Teeth removed because of tooth decay or gum disease.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
None	879	40.70	36.79	44.61
1 to 5	687	31.82	28.17	35.47
6 or more but not all	300	13.87	11.23	16.50
All	206	9.52	7.24	11.81
Does not know	88	4.09	2.49	5.69
Total	2160	100.00	–	–

Weighted Frequency Missing = 117.98.

8.2. How many of your permanent teeth have been removed because of tooth decay or gum disease?

Table A-161. Teeth removed because of tooth decay or gum disease, by race/ethnicity.

Response	Statistic	African American	Asian	Hispanic	Native American	Other or Unknown	White	Total
None	Weighted Frequency	43.85	27.20	59.39	24.03	7.76	716.90	879.13
	Row Percent	4.99	3.09	6.76	2.73	0.88	81.55	100.00
	Column Percent	47.15	45.00	53.02	43.34	57.82	39.27	_
	95% Lower Confidence Limit, Col Pct	42.01	35.44	48.50	38.89	51.11	34.66	_
	95% Upper Confidence Limit, Col Pct	52.29	54.57	57.55	47.78	64.54	43.88	_
1 to 5	Weighted Frequency	27.49	21.91	39.27	17.68	3.62	577.37	687.34
	Row Percent	4.00	3.19	5.71	2.57	0.53	84.00	100.00
	Column Percent	29.56	36.25	35.06	31.88	26.97	31.63	_
	95% Lower Confidence Limit, Col Pct	24.84	26.62	30.75	27.73	20.94	27.33	_
	95% Upper Confidence Limit, Col Pct	34.28	45.88	39.36	36.04	33.01	35.92	_
6 or more but not all	Weighted Frequency	15.28	5.03	7.33	7.58	1.00	263.28	299.50
	Row Percent	5.10	1.68	2.45	2.53	0.33	87.91	100.00
	Column Percent	16.43	8.32	6.54	13.67	7.45	14.42	_
	95% Lower Confidence Limit, Col Pct	12.74	2.51	4.26	10.70	3.99	11.31	_
	95% Upper Confidence Limit, Col Pct	20.12	14.14	8.83	16.64	10.91	17.53	_
All	Weighted Frequency	3.99	4.01	4.85	4.30	0.57	188.00	205.72
	Row Percent	1.94	1.95	2.36	2.09	0.28	91.39	100.00
	Column Percent	4.29	6.63	4.33	7.75	4.25	10.30	_
	95% Lower Confidence Limit, Col Pct	2.27	0.92	2.38	5.48	1.49	7.61	_
	95% Upper Confidence Limit, Col Pct	6.31	12.35	6.28	10.03	7.00	12.99	_
Does not know	Weighted Frequency	2.39	2.29	1.17	1.86	0.47	80.10	88.28
	Row Percent	2.71	2.59	1.33	2.11	0.53	90.73	100.00
	Column Percent	2.57	3.79	1.04	3.35	3.50	4.39	_
	95% Lower Confidence Limit, Col Pct	0.98	0.00	0.21	1.81	1.08	2.50	_
	95% Upper Confidence Limit, Col Pct	4.16	7.66	1.88	4.90	5.93	6.27	_

8.2. How many of your permanent teeth have been removed because of tooth decay or gum disease?

Table A-161. Teeth removed because of tooth decay or gum disease, by race/ethnicity (continued).

Response	Statistic	African American	Asian	Hispanic	Native American	Other or Unknown	White	Total
Total	Weighted Frequency	93.00	60.44	112.01	55.45	13.42	1825.65	2159.97
	Row Percent	—	—	—	—	—	—	—
	Column Percent	100.00	100.00	100.00	100.00	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—	—	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—	—	—	—	—

Row percent indicates the percentage of responses in the race/ethnicity group.

Column percent indicates the percentage of the race/ethnicity group that gave the response.

Weighted Frequency Missing = 117.98. P-value from chi-square test. $p < .0001$

8.2. How many of your permanent teeth have been removed because of tooth decay or gum disease?

Table A-162. Teeth removed because of tooth decay or gum disease, by age.

Response	Statistic	19–24	25–34	35–44	45–54	55–64	Total
None	Weighted Frequency	238.19	302.94	195.74	100.99	41.27	879.13
	Row Percent	27.09	34.46	22.27	11.49	4.69	100.00
	Column Percent	77.34	60.24	38.03	21.05	11.64	—
	95% Lower Confidence Limit, Col Pct	68.04	52.04	29.88	14.82	6.09	—
	95% Upper Confidence Limit, Col Pct	86.65	68.44	46.17	27.28	17.19	—
1 to 5	Weighted Frequency	64.84	150.65	196.12	167.75	107.98	687.34
	Row Percent	9.43	21.92	28.53	24.41	15.71	100.00
	Column Percent	21.05	29.96	38.10	34.96	30.45	—
	95% Lower Confidence Limit, Col Pct	11.95	22.32	29.97	27.59	22.21	—
	95% Upper Confidence Limit, Col Pct	30.16	37.60	46.23	42.34	38.69	—
6 or more but not all	Weighted Frequency	0.81	34.50	70.56	105.53	88.10	299.50
	Row Percent	0.27	11.52	23.56	35.24	29.42	100.00
	Column Percent	0.26	6.86	13.71	21.99	24.85	—
	95% Lower Confidence Limit, Col Pct	0.00	2.42	8.06	15.60	17.09	—
	95% Upper Confidence Limit, Col Pct	0.63	11.30	19.35	28.39	32.60	—
All	Weighted Frequency	4.04	4.93	26.70	81.59	88.46	205.72
	Row Percent	1.96	2.40	12.98	39.66	43.00	100.00
	Column Percent	1.31	0.98	5.19	17.00	24.95	—
	95% Lower Confidence Limit, Col Pct	0.00	0.00	1.06	11.06	17.01	—
	95% Upper Confidence Limit, Col Pct	3.72	2.62	9.32	22.95	32.89	—
Does not know	Weighted Frequency	0.08	9.85	25.62	23.95	28.78	88.28
	Row Percent	0.09	11.16	29.02	27.13	32.60	100.00
	Column Percent	0.03	1.96	4.98	4.99	8.12	—
	95% Lower Confidence Limit, Col Pct	0.00	0.00	0.85	1.57	3.19	—
	95% Upper Confidence Limit, Col Pct	0.08	4.36	9.11	8.41	13.04	—

8.2. How many of your permanent teeth have been removed because of tooth decay or gum disease?

Table A-162. Teeth removed because of tooth decay or gum disease, by age (continued).

Response	Statistic	19–24	25–34	35–44	45–54	55–64	Total
Total	Weighted Frequency	307.96	502.87	514.74	479.81	354.59	2159.97
	Row Percent	–	–	–	–	–	–
	Column Percent	100.00	100.00	100.00	100.00	100.00	–
	95% Lower Confidence Limit, Col Pct	–	–	–	–	–	–
	95% Upper Confidence Limit, Col Pct	–	–	–	–	–	–

Row percent indicates the percentage of responses in the age group.

Column percent indicates the percentage of the age group that gave the response.

Weighted Frequency Missing = 117.98. P-value from chi-square test. $p < .0001$

8.3. How long has it been since you had your teeth cleaned by a dentist or dental hygienist?

Table A-163. Time since last teeth cleaning.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
0 up to 1 year ago	801	41.16	37.05	45.27
1 up to 2 years ago	450	23.14	19.65	26.63
2 up to 5 years ago	340	17.45	14.25	20.65
5 or more years ago	277	14.22	11.33	17.10
Does not know	36	1.84	0.74	2.93
Never	43	2.19	0.81	3.57
Total	1945	100.00	–	–

Weighted Frequency Missing = 332.46.

8.3. How long has it been since you had your teeth cleaned by a dentist or dental hygienist?

Table A-164. Time since last teeth cleaning, by race/ethnicity.

Response	Statistic	African American	Asian	Hispanic	Native American	Other or Unknown	White	Total
0 up to 1 year ago	Weighted Frequency	45.48	28.83	48.65	22.21	5.61	650.03	800.81
	Row Percent	5.68	3.60	6.08	2.77	0.70	81.17	100.00
	Column Percent	51.51	52.50	46.84	43.68	43.73	39.76	_
	95% Lower Confidence Limit, Col Pct	46.22	42.37	42.16	39.03	36.80	34.90	_
	95% Upper Confidence Limit, Col Pct	56.79	62.63	51.52	48.32	50.65	44.63	_
1 up to 2 years ago	Weighted Frequency	17.67	9.31	16.42	10.44	2.54	393.85	450.23
	Row Percent	3.92	2.07	3.65	2.32	0.56	87.48	100.00
	Column Percent	20.01	16.96	15.81	20.53	19.80	24.09	_
	95% Lower Confidence Limit, Col Pct	15.81	9.90	12.41	16.72	14.18	19.96	_
	95% Upper Confidence Limit, Col Pct	24.21	24.01	19.21	24.34	25.41	28.23	_
2 up to 5 years ago	Weighted Frequency	12.11	8.74	18.83	9.89	2.30	287.68	339.55
	Row Percent	3.57	2.57	5.55	2.91	0.68	84.72	100.00
	Column Percent	13.71	15.92	18.13	19.45	17.93	17.60	_
	95% Lower Confidence Limit, Col Pct	10.09	8.12	14.45	15.75	12.62	13.81	_
	95% Upper Confidence Limit, Col Pct	17.34	23.72	21.80	23.15	23.23	21.38	_
5 or more years ago	Weighted Frequency	10.51	4.50	13.85	6.01	1.66	240.09	276.62
	Row Percent	3.80	1.63	5.01	2.17	0.60	86.79	100.00
	Column Percent	11.90	8.20	13.33	11.82	12.94	14.69	_
	95% Lower Confidence Limit, Col Pct	8.47	2.67	10.13	8.81	8.36	11.27	_
	95% Upper Confidence Limit, Col Pct	15.34	13.72	16.53	14.82	17.51	18.10	_
Does not know	Weighted Frequency	0.70	2.33	2.67	1.59	0.40	28.04	35.73
	Row Percent	1.96	6.52	7.47	4.45	1.12	78.48	100.00
	Column Percent	0.79	4.24	2.57	3.13	3.12	1.72	_
	95% Lower Confidence Limit, Col Pct	0.00	0.23	1.06	1.50	0.62	0.43	_
	95% Upper Confidence Limit, Col Pct	1.69	8.26	4.08	4.75	5.62	3.00	_

8.3. How long has it been since you had your teeth cleaned by a dentist or dental hygienist?

Table A-164. Time since last teeth cleaning, by race/ethnicity (continued).

Response	Statistic	African American	Asian	Hispanic	Native American	Other or Unknown	White	Total
Never	Weighted Frequency	1.83	1.20	3.45	0.71	0.32	35.04	42.55
	Row Percent	4.30	2.82	8.11	1.67	0.75	82.35	100.00
	Column Percent	2.07	2.19	3.32	1.40	2.49	2.14	—
	95% Lower Confidence Limit, Col Pct	0.62	0.00	1.75	0.28	0.29	0.51	—
	95% Upper Confidence Limit, Col Pct	3.53	4.74	4.89	2.51	4.70	3.78	—
Total	Weighted Frequency	88.30	54.91	103.87	50.85	12.83	1634.73	1945.49
	Row Percent	—	—	—	—	—	—	—
	Column Percent	100.00	100.00	100.00	100.00	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—	—	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—	—	—	—	—

Row percent indicates the percentage of responses in the race/ethnicity group.
 Column percent indicates the percentage of the race/ethnicity group that gave the response.
 Weighted Frequency Missing = 332.46. P-value from chi-square test. p=0.0062

8.3. How long has it been since you had your teeth cleaned by a dentist or dental hygienist?

Table A-165. Time since last teeth cleaning, by OHP program.

Response	Statistic	OHP Plus	OHP Standard	Total
0 up to 1 year ago	Weighted Frequency	586.80	213.69	800.49
	Row Percent	73.31	26.69	100.00
	Column Percent	46.73	31.02	—
	95% Lower Confidence Limit, Col Pct	41.55	24.42	—
	95% Upper Confidence Limit, Col Pct	51.91	37.61	—
1 up to 2 years ago	Weighted Frequency	287.69	162.54	450.23
	Row Percent	63.90	36.10	100.00
	Column Percent	22.91	23.59	—
	95% Lower Confidence Limit, Col Pct	18.58	17.70	—
	95% Upper Confidence Limit, Col Pct	27.25	29.49	—
2 up to 5 years ago	Weighted Frequency	162.22	176.98	339.20
	Row Percent	47.82	52.18	100.00
	Column Percent	12.92	25.69	—
	95% Lower Confidence Limit, Col Pct	9.21	19.75	—
	95% Upper Confidence Limit, Col Pct	16.63	31.63	—
5 or more years ago	Weighted Frequency	173.48	102.88	276.36
	Row Percent	62.77	37.23	100.00
	Column Percent	13.82	14.93	—
	95% Lower Confidence Limit, Col Pct	10.26	10.01	—
	95% Upper Confidence Limit, Col Pct	17.38	19.86	—
Does not know	Weighted Frequency	21.29	14.44	35.73
	Row Percent	59.59	40.41	100.00
	Column Percent	1.70	2.10	—
	95% Lower Confidence Limit, Col Pct	0.45	0.01	—
	95% Upper Confidence Limit, Col Pct	2.94	4.18	—

8.3. How long has it been since you had your teeth cleaned by a dentist or dental hygienist?

Table A-165. Time since last teeth cleaning, by OHP program (continued).

Response	Statistic	OHP Plus	OHP Standard	Total
Never	Weighted Frequency	24.16	18.39	42.55
	Row Percent	56.78	43.22	100.00
	Column Percent	1.92	2.67	—
	95% Lower Confidence Limit, Col Pct	0.57	0.00	—
	95% Upper Confidence Limit, Col Pct	3.28	5.67	—
	Total	Weighted Frequency	1255.64	688.92
Total	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the OHP benefit group.
 Column percent indicates the percentage of the OHP benefit group that gave the response.
 Weighted Frequency Missing = 332.46. P-value from chi-square test. p=0.0024

8.3. How long has it been since you had your teeth cleaned by a dentist or dental hygienist?

Table A-166. Time since last teeth cleaning, by age.

Response	Statistic	19–24	25–34	35–44	45–54	55–64	Total
0 up to 1 year ago	Weighted Frequency	148.69	237.87	186.42	148.94	78.89	800.81
	Row Percent	18.57	29.70	23.28	18.60	9.85	100.00
	Column Percent	48.98	48.02	38.29	37.76	29.74	—
	95% Lower Confidence Limit, Col Pct	37.44	39.59	29.96	29.53	20.50	—
	95% Upper Confidence Limit, Col Pct	60.51	56.44	46.62	46.00	38.99	—
1 up to 2 years ago	Weighted Frequency	56.65	100.11	131.52	101.66	60.29	450.23
	Row Percent	12.58	22.24	29.21	22.58	13.39	100.00
	Column Percent	18.66	20.21	27.01	25.78	22.73	—
	95% Lower Confidence Limit, Col Pct	10.63	13.44	19.28	18.31	13.87	—
	95% Upper Confidence Limit, Col Pct	26.69	26.98	34.75	33.24	31.59	—
2 up to 5 years ago	Weighted Frequency	57.74	68.06	93.91	65.41	54.43	339.55
	Row Percent	17.00	20.04	27.66	19.26	16.03	100.00
	Column Percent	19.02	13.74	19.29	16.58	20.52	—
	95% Lower Confidence Limit, Col Pct	9.33	7.95	12.54	10.30	12.30	—
	95% Upper Confidence Limit, Col Pct	28.71	19.53	26.03	22.87	28.74	—
5 or more years ago	Weighted Frequency	24.40	82.27	52.80	54.70	62.45	276.62
	Row Percent	8.82	29.74	19.09	19.77	22.58	100.00
	Column Percent	8.04	16.61	10.84	13.87	23.54	—
	95% Lower Confidence Limit, Col Pct	2.63	10.17	5.52	7.95	14.60	—
	95% Upper Confidence Limit, Col Pct	13.44	23.05	16.17	19.79	32.49	—
Does not know	Weighted Frequency	1.86	6.69	14.81	11.17	1.20	35.73
	Row Percent	5.21	18.72	41.45	31.26	3.36	100.00
	Column Percent	0.61	1.35	3.04	2.83	0.45	—
	95% Lower Confidence Limit, Col Pct	0.20	0.00	0.00	0.00	0.00	—
	95% Upper Confidence Limit, Col Pct	1.02	3.17	6.12	5.80	1.12	—

8.3. How long has it been since you had your teeth cleaned by a dentist or dental hygienist?

Table A-166. Time since last teeth cleaning, by age (continued).

Response	Statistic	19–24	25–34	35–44	45–54	55–64	Total
Never	Weighted Frequency	14.25	0.38	7.42	12.52	7.98	42.55
	Row Percent	33.49	0.89	17.44	29.42	18.75	100.00
	Column Percent	4.69	0.08	1.52	3.17	3.01	–
	95% Lower Confidence Limit, Col Pct	0.00	0.00	0.00	0.41	0.00	–
	95% Upper Confidence Limit, Col Pct	11.14	0.19	3.82	5.94	6.31	–
	Total	Weighted Frequency	303.59	495.38	486.88	394.40	265.24
Total	Row Percent	–	–	–	–	–	–
	Column Percent	100.00	100.00	100.00	100.00	100.00	–
	95% Lower Confidence Limit, Col Pct	–	–	–	–	–	–
	95% Upper Confidence Limit, Col Pct	–	–	–	–	–	–

Row percent indicates the percentage of responses in the age group.
 Column percent indicates the percentage of the age group that gave the response.
 Weighted Frequency Missing = 332.46. P-value from chi-square test. p=0.0359

10.3. What is the highest grade or year of school you have completed?

Table A-167. Highest grade or year of school completed.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Never	7	0.34	0.17	0.50
Elementary	97	4.50	3.11	5.89
Some high school	323	14.93	12.14	17.72
High school graduate	837	38.73	34.86	42.61
Some college or technical school	687	31.77	28.06	35.48
College graduate	210	9.73	7.43	12.03
Total	2161	100.00	–	–

Weighted Frequency Missing = 116.86.

10.3. What is the highest grade or year of school you have completed?

Table A-168. Highest grade or year of school completed, by OHP program.

Response	Statistic	OHP Plus	OHP Standard	Total	
Never	Weighted Frequency	2.33	4.98	7.31	
	Row Percent	31.87	68.13	100.00	
	Column Percent	0.17	0.65	—	
	95% Lower Confidence Limit, Col Pct	0.06	0.23	—	
	95% Upper Confidence Limit, Col Pct	0.28	1.06	—	
	Elementary	Weighted Frequency	63.41	33.77	97.18
Elementary	Row Percent	65.25	34.75	100.00	
	Column Percent	4.56	4.39	—	
	95% Lower Confidence Limit, Col Pct	2.69	2.44	—	
	95% Upper Confidence Limit, Col Pct	6.43	6.34	—	
	Some high school	Weighted Frequency	218.86	103.84	322.70
		Row Percent	67.82	32.18	100.00
Column Percent		15.74	13.49	—	
95% Lower Confidence Limit, Col Pct		12.16	9.07	—	
95% Upper Confidence Limit, Col Pct		19.32	17.91	—	
High school graduate		Weighted Frequency	567.46	268.97	836.43
	Row Percent	67.84	32.16	100.00	
	Column Percent	40.82	34.94	—	
	95% Lower Confidence Limit, Col Pct	35.94	28.57	—	
	95% Upper Confidence Limit, Col Pct	45.69	41.31	—	
	Some college or technical school	Weighted Frequency	442.67	243.73	686.40
Row Percent		64.49	35.51	100.00	
Column Percent		31.84	31.66	—	
95% Lower Confidence Limit, Col Pct		27.22	25.42	—	
95% Upper Confidence Limit, Col Pct		36.46	37.90	—	

10.3. What is the highest grade or year of school you have completed?

Table A-168. Highest grade or year of school completed, by OHP program (continued).

Response	Statistic	OHP Plus	OHP Standard	Total
College graduate	Weighted Frequency	95.56	114.58	210.14
	Row Percent	45.47	54.53	100.00
	Column Percent	6.87	14.88	—
	95% Lower Confidence Limit, Col Pct	4.48	10.18	—
	95% Upper Confidence Limit, Col Pct	9.27	19.59	—
Total	Weighted Frequency	1390.29	769.87	2160.16
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the OHP benefit group.
 Column percent indicates the percentage of the OHP benefit group that gave the response.
 Weighted Frequency Missing = 116.86. P-value from chi-square test. p=0.0062

10.3. What is the highest grade or year of school you have completed?

Table A-169. Highest grade or year of school completed, by Medicaid reimbursement plan.

Response	Statistic	FFS	MC	Total
Never	Weighted Frequency	4.59	2.53	7.12
	Row Percent	64.47	35.53	100.00
	Column Percent	0.56	0.20	—
	95% Lower Confidence Limit, Col Pct	0.18	0.07	—
	95% Upper Confidence Limit, Col Pct	0.95	0.32	—
Elementary	Weighted Frequency	41.80	51.14	92.94
	Row Percent	44.98	55.02	100.00
	Column Percent	5.11	3.96	—
	95% Lower Confidence Limit, Col Pct	2.80	2.25	—
	95% Upper Confidence Limit, Col Pct	7.42	5.68	—
Some high school	Weighted Frequency	123.53	195.89	319.42
	Row Percent	38.67	61.33	100.00
	Column Percent	15.10	15.17	—
	95% Lower Confidence Limit, Col Pct	10.63	11.49	—
	95% Upper Confidence Limit, Col Pct	19.58	18.85	—
High school graduate	Weighted Frequency	318.71	505.41	824.12
	Row Percent	38.67	61.33	100.00
	Column Percent	38.97	39.15	—
	95% Lower Confidence Limit, Col Pct	32.79	34.07	—
	95% Upper Confidence Limit, Col Pct	45.15	44.23	—
Some college or technical school	Weighted Frequency	217.54	451.67	669.21
	Row Percent	32.51	67.49	100.00
	Column Percent	26.60	34.98	—
	95% Lower Confidence Limit, Col Pct	21.08	30.00	—
	95% Upper Confidence Limit, Col Pct	32.12	39.97	—

10.3. What is the highest grade or year of school you have completed?

Table A-169. Highest grade or year of school completed, by Medicaid reimbursement plan (continued).

Response	Statistic	FFS	MC	Total
College graduate	Weighted Frequency	111.67	84.40	196.07
	Row Percent	56.95	43.05	100.00
	Column Percent	13.65	6.54	—
	95% Lower Confidence Limit, Col Pct	9.29	4.16	—
	95% Upper Confidence Limit, Col Pct	18.01	8.91	—
Total	Weighted Frequency	817.84	1291.04	2108.88
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the Medicaid enrollment group.
 Column percent indicates the percentage of the Medicaid enrollment group that gave the response.
 Weighted Frequency Missing = 116.86. P-value from chi-square test. p=0.0065

10.5. During the past 12 months, has your household been without telephone service for 1 week or more?

Table A-170. Lacked telephone service for 1 week or more, past 12 months.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	228	10.55	8.17	12.94
No	1908	88.42	85.90	90.94
Does not know	22	1.03	0.12	1.93
Total	2158	100.00	—	—

Weighted Frequency Missing = 119.74.

10.5. During the past 12 months, has your household been without telephone service for 1 week or more?

Table A-171. Lacked telephone service for 1 week or more, by OHP program.

Response	Statistic	OHP Plus	OHP Standard	Total
Yes	Weighted Frequency	186.29	41.48	227.77
	Row Percent	81.79	18.21	100.00
	Column Percent	13.43	5.39	–
	95% Lower Confidence Limit, Col Pct	10.08	2.65	–
	95% Upper Confidence Limit, Col Pct	16.77	8.12	–
No	Weighted Frequency	1179.16	728.16	1907.32
	Row Percent	61.82	38.18	100.00
	Column Percent	84.99	94.58	–
	95% Lower Confidence Limit, Col Pct	81.44	91.84	–
	95% Upper Confidence Limit, Col Pct	88.55	97.31	–
Does not know	Weighted Frequency	21.93	0.26	22.19
	Row Percent	98.83	1.17	100.00
	Column Percent	1.58	0.03	–
	95% Lower Confidence Limit, Col Pct	0.18	0.00	–
	95% Upper Confidence Limit, Col Pct	2.99	0.08	–
Total	Weighted Frequency	1387.38	769.90	2157.28
	Row Percent	–	–	–
	Column Percent	100.00	100.00	–
	95% Lower Confidence Limit, Col Pct	–	–	–
	95% Upper Confidence Limit, Col Pct	–	–	–

Row percent indicates the percentage of responses in the OHP benefit group.
 Column percent indicates the percentage of the OHP benefit group that gave the response.
 Weighted Frequency Missing = 119.74. P-value from chi-square test. $p < .0001$

10.5. During the past 12 months, has your household been without telephone service for 1 week or more?

Table A-172. Lacked telephone service for 1 week or more, by gender.

Response	Statistic	Female	Male	Total
Yes	Weighted Frequency	167.02	60.75	227.77
	Row Percent	73.33	26.67	100.00
	Column Percent	11.70	8.31	—
	95% Lower Confidence Limit, Col Pct	8.69	4.47	—
	95% Upper Confidence Limit, Col Pct	14.71	12.16	—
No	Weighted Frequency	1255.11	653.14	1908.25
	Row Percent	65.77	34.23	100.00
	Column Percent	87.94	89.35	—
	95% Lower Confidence Limit, Col Pct	84.90	84.89	—
	95% Upper Confidence Limit, Col Pct	90.99	93.81	—
Does not know	Weighted Frequency	5.09	17.10	22.19
	Row Percent	22.94	77.06	100.00
	Column Percent	0.36	2.34	—
	95% Lower Confidence Limit, Col Pct	0.00	0.00	—
	95% Upper Confidence Limit, Col Pct	0.88	4.79	—
Total	Weighted Frequency	1427.22	730.99	2158.21
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the gender group.

Column percent indicates the percentage of the gender group that gave the response.

Weighted Frequency Missing = 119.74. P-value from chi-square test. $p=0.0319$

11.2. Have you ever had a mammogram?

Table A-173. Respondent has had a mammogram.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	689	48.39	43.73	53.04
No	726	51.03	46.37	55.69
Does not know	8	0.58	0.00	1.26
Total	1423	100.00	–	–

Weighted Frequency Missing = 854.68.

11.2. Have you ever had a mammogram?

Table A-174. Respondent has had a mammogram, by Medicaid reimbursement plan.

Response	Statistic	FFS	MC	Total
Yes	Weighted Frequency	279.45	396.59	676.04
	Row Percent	41.34	58.66	100.00
	Column Percent	54.90	44.43	–
	95% Lower Confidence Limit, Col Pct	47.27	38.53	–
	95% Upper Confidence Limit, Col Pct	62.54	50.34	–
No	Weighted Frequency	229.13	488.15	717.28
	Row Percent	31.94	68.06	100.00
	Column Percent	45.02	54.69	–
	95% Lower Confidence Limit, Col Pct	37.38	48.77	–
	95% Upper Confidence Limit, Col Pct	52.65	60.61	–
Does not know	Weighted Frequency	0.42	7.83	8.25
	Row Percent	5.09	94.91	100.00
	Column Percent	0.08	0.88	–
	95% Lower Confidence Limit, Col Pct	0.00	0.00	–
	95% Upper Confidence Limit, Col Pct	0.24	1.95	–
Total	Weighted Frequency	509.00	892.57	1401.57
	Row Percent	–	–	–
	Column Percent	100.00	100.00	–
	95% Lower Confidence Limit, Col Pct	–	–	–
	95% Upper Confidence Limit, Col Pct	–	–	–

Row percent indicates the percentage of responses in the Medicaid enrollment group.

Column percent indicates the percentage of the Medicaid enrollment group that gave the response.

Weighted Frequency Missing = 854.68. P-value from chi-square test. $p=0.0113$

11.2. Have you ever had a mammogram?

Table A-175. Respondent has had a mammogram, by age.

Response	Statistic	Age 40 or Over	Under 40
Yes	Weighted Frequency	549.46	139.01
	Row Percent	79.81	20.19
	Column Percent	82.81	18.34
	95% Lower Confidence Limit, Col Pct	77.71	13.45
	95% Upper Confidence Limit, Col Pct	87.90	23.22
No	Weighted Frequency	110.82	614.10
	Row Percent	15.29	84.71
	Column Percent	16.70	81.01
	95% Lower Confidence Limit, Col Pct	11.66	76.05
	95% Upper Confidence Limit, Col Pct	21.74	85.96
Does not know	Weighted Frequency	3.26	4.99
	Row Percent	39.52	60.48
	Column Percent	0.49	0.66
	95% Lower Confidence Limit, Col Pct	0.00	0.00
	95% Upper Confidence Limit, Col Pct	1.43	1.63
Total	Weighted Frequency	663.54	758.10
	Row Percent	–	–
	Column Percent	100.00	100.00
	95% Lower Confidence Limit, Col Pct	–	–
	95% Upper Confidence Limit, Col Pct	–	–

Row percent indicates the percentage of responses in the age group.
 Column percent indicates the percentage of the age group that gave the response.
 Weighted Frequency Missing = 854.68. P-value from chi-square test. $p < .0001$

11.3. How many years has it been since you had your last mammogram?

Table A-176. Years since last mammogram.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
0 up to 1 year ago	368	53.97	47.38	60.57
1 up to 2 years ago	152	22.35	16.81	27.89
2 up to 3 years ago	44	6.43	3.23	9.63
3 up to 5 years ago	47	6.84	3.52	10.16
5 or more years ago	65	9.50	5.47	13.53
Does not know	6	0.91	0.00	1.99
Total	682	100.00	—	—

Weighted Frequency Missing = 1596.21.

11.3. How many years has it been since you had your last mammogram?

Table A-177. Years since last mammogram, by age.

Response	Statistic	Age 40 or Over	Under 40
0 up to 1 year ago	Weighted Frequency	306.96	60.80
	Row Percent	83.47	16.53
	Column Percent	56.58	43.74
	95% Lower Confidence Limit, Col Pct	49.22	29.25
	95% Upper Confidence Limit, Col Pct	63.94	58.22
1 up to 2 years ago	Weighted Frequency	130.15	22.25
	Row Percent	85.40	14.60
	Column Percent	23.99	16.01
	95% Lower Confidence Limit, Col Pct	17.63	5.15
	95% Upper Confidence Limit, Col Pct	30.35	26.86
2 up to 3 years ago	Weighted Frequency	33.09	10.75
	Row Percent	75.48	24.52
	Column Percent	6.10	7.73
	95% Lower Confidence Limit, Col Pct	2.56	0.29
	95% Upper Confidence Limit, Col Pct	9.64	15.17
3 up to 5 years ago	Weighted Frequency	39.37	7.25
	Row Percent	84.45	15.55
	Column Percent	7.26	5.22
	95% Lower Confidence Limit, Col Pct	3.32	0.00
	95% Upper Confidence Limit, Col Pct	11.19	10.53
5 or more years ago	Weighted Frequency	31.82	32.94
	Row Percent	49.14	50.86
	Column Percent	5.87	23.70
	95% Lower Confidence Limit, Col Pct	2.35	10.59

11.3. How many years has it been since you had your last mammogram?

Table A-177. Years since last mammogram, by age (continued).

Response	Statistic	Age 40 or Over	Under 40
Does not know	95% Upper Confidence Limit, Col Pct	9.38	36.80
	Weighted Frequency	1.15	5.02
	Row Percent	18.64	81.36
	Column Percent	0.21	3.61
	95% Lower Confidence Limit, Col Pct	0.02	0.00
Total	95% Upper Confidence Limit, Col Pct	0.40	8.81
	Weighted Frequency	542.54	139.01
	Row Percent	–	–
	Column Percent	100.00	100.00
	95% Lower Confidence Limit, Col Pct	–	–
	95% Upper Confidence Limit, Col Pct	–	–

Row percent indicates the percentage of responses in the age group.
 Column percent indicates the percentage of the age group that gave the response.
 Weighted Frequency Missing = 1596.21. P-value from chi-square test. p=0.0002

11.4. Have you ever had a clinical breast exam?

Table A-178. Respondent has had a clinical breast exam.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	1260	88.79	85.94	91.65
No	150	10.60	7.81	13.39
Does not know	9	0.60	0.00	1.30
Total	1419	100.00	–	–

Weighted Frequency Missing = 858.68.

11.5. How many years has it been since you had your last breast exam?

Table A-179. Years since last breast exam.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
0 up to 1 year ago	822	65.23	60.44	70.01
1 up to 2 years ago	222	17.60	13.75	21.44
2 up to 3 years ago	75	5.97	3.57	8.38
3 up to 5 years ago	52	4.09	2.06	6.12
5 or more years ago	68	5.43	3.15	7.71
Does not know	21	1.69	0.43	2.94
Total	1260	100.00	–	–

Weighted Frequency Missing = 1017.73.

11.5. How many years has it been since you had your last breast exam?

Table A-180. Years since last breast exam, by OHP program.

Response	Statistic	OHP Plus	OHP Standard	Total
0 up to 1 year ago	Weighted Frequency	535.80	285.64	821.44
	Row Percent	65.23	34.77	100.00
	Column Percent	63.81	68.00	—
	95% Lower Confidence Limit, Col Pct	57.89	59.93	—
	95% Upper Confidence Limit, Col Pct	69.74	76.08	—
1 up to 2 years ago	Weighted Frequency	164.23	57.52	221.75
	Row Percent	74.06	25.94	100.00
	Column Percent	19.56	13.69	—
	95% Lower Confidence Limit, Col Pct	14.64	7.73	—
	95% Upper Confidence Limit, Col Pct	24.48	19.65	—
2 up to 3 years ago	Weighted Frequency	43.34	31.94	75.28
	Row Percent	57.57	42.43	100.00
	Column Percent	5.16	7.60	—
	95% Lower Confidence Limit, Col Pct	2.40	2.96	—
	95% Upper Confidence Limit, Col Pct	7.92	12.25	—
3 up to 5 years ago	Weighted Frequency	42.57	8.94	51.51
	Row Percent	82.64	17.36	100.00
	Column Percent	5.07	2.13	—
	95% Lower Confidence Limit, Col Pct	2.26	0.00	—
	95% Upper Confidence Limit, Col Pct	7.88	4.42	—
5 or more years ago	Weighted Frequency	33.19	35.25	68.44
	Row Percent	48.50	51.50	100.00
	Column Percent	3.95	8.39	—
	95% Lower Confidence Limit, Col Pct	1.63	3.42	—

11.5. How many years has it been since you had your last breast exam?

Table A-180. Years since last breast exam, by OHP program (continued).

Response	Statistic	OHP Plus	OHP Standard	Total
	95% Upper Confidence Limit, Col Pct	6.28	13.37	–
Does not know	Weighted Frequency	20.52	0.74	21.26
	Row Percent	96.52	3.48	100.00
	Column Percent	2.44	0.18	–
	95% Lower Confidence Limit, Col Pct	0.57	0.00	–
	95% Upper Confidence Limit, Col Pct	4.32	0.37	–
Total	Weighted Frequency	839.65	420.03	1259.68
	Row Percent	–	–	–
	Column Percent	100.00	100.00	–
	95% Lower Confidence Limit, Col Pct	–	–	–
	95% Upper Confidence Limit, Col Pct	–	–	–

Row percent indicates the percentage of responses in the OHP benefit group.

Column percent indicates the percentage of the OHP benefit group that gave the response.

Weighted Frequency Missing = 1017.73. P-value from chi-square test. p=0.0255

11.6. Have you ever had a Pap test?

Table A-181. Respondent has had a Pap test.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	1353	95.31	93.51	97.12
No	61	4.33	2.60	6.07
Does not know	5	0.35	0.00	0.87
Total	1419	100.00	–	–

Weighted Frequency Missing = 858.81.

11.7. How many years has it been since you had your last Pap test?

Table A-182. Years since last Pap test.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
0 up to 1 year ago	859	63.50	58.84	68.15
1 up to 2 years ago	222	16.43	12.83	20.03
2 up to 3 years ago	62	4.61	2.59	6.62
3 up to 5 years ago	67	4.95	2.80	7.11
5 or more years ago	121	8.92	6.13	11.70
Does not know	22	1.60	0.45	2.74
Total	1352	100.00	–	–

Weighted Frequency Missing = 925.72.

15.1a. Has a doctor, nurse, or other health professional ever told you that you had a heart attack, also called a myocardial infarction?

Table A-183. Health professional told respondent he/she had heart attack.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	106	5.01	3.39	6.63
No	2007	94.99	93.37	96.61
Total	2113	100.00	–	–

Weighted Frequency Missing = 164.68.

15.1a. Has a doctor, nurse, or other health professional ever told you that you had a heart attack, also called a myocardial infarction?

Table A-184. Health professional told respondent he/she had heart attack, by age.

Response	Statistic	19–24	25–34	35–44	45–54	55–64	Total
Yes	Weighted Frequency	0.07	5.63	6.25	26.03	67.93	105.91
	Row Percent	0.07	5.32	5.90	24.58	64.14	100.00
	Column Percent	0.02	1.12	1.22	5.56	20.19	–
	95% Lower Confidence Limit, Col Pct	0.00	0.00	0.00	2.16	12.61	–
	95% Upper Confidence Limit, Col Pct	0.07	2.90	2.66	8.96	27.76	–
No	Weighted Frequency	293.44	496.31	506.97	442.04	268.60	2007.36
	Row Percent	14.62	24.72	25.26	22.02	13.38	100.00
	Column Percent	99.98	98.88	98.78	94.44	79.81	–
	95% Lower Confidence Limit, Col Pct	99.93	97.10	97.34	91.04	72.24	–
	95% Upper Confidence Limit, Col Pct	100.00	100.00	100.00	97.84	87.39	–
Total	Weighted Frequency	293.51	501.94	513.22	468.07	336.53	2113.27
	Row Percent	–	–	–	–	–	–
	Column Percent	100.00	100.00	100.00	100.00	100.00	–
	95% Lower Confidence Limit, Col Pct	–	–	–	–	–	–
	95% Upper Confidence Limit, Col Pct	–	–	–	–	–	–

Row percent indicates the percentage of responses in the age group.
 Column percent indicates the percentage of the age group that gave the response.
 Weighted Frequency Missing = 164.68. P-value from chi-square test. p<.0001

15.1a. Has a doctor, nurse, or other health professional ever told you that you had a heart attack, also called a myocardial infarction?

Table A-185. Health professional told respondent he/she had heart attack, by rural/urban.

Response	Statistic	Rural	Urban	Total
Yes	Weighted Frequency	64.09	41.82	105.91
	Row Percent	60.51	39.49	100.00
	Column Percent	6.87	3.54	—
	95% Lower Confidence Limit, Col Pct	3.93	1.81	—
	95% Upper Confidence Limit, Col Pct	9.81	5.27	—
No	Weighted Frequency	868.55	1138.81	2007.36
	Row Percent	43.27	56.73	100.00
	Column Percent	93.13	96.46	—
	95% Lower Confidence Limit, Col Pct	90.19	94.73	—
	95% Upper Confidence Limit, Col Pct	96.07	98.19	—
Total	Weighted Frequency	932.64	1180.63	2113.27
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the geographic location group.
 Column percent indicates the percentage of the geographic location group that gave the response.
 Weighted Frequency Missing = 164.68. P-value from chi-square test. p=0.0412

15.1a. Has a doctor, nurse, or other health professional ever told you that you had a heart attack, also called a myocardial infarction?

Table A-186. Health professional told respondent he/she had heart attack, by smoking status.

Response	Statistic	Nonsmoker	Smoker	Total
Yes	Weighted Frequency	60.08	45.83	105.91
	Row Percent	56.73	43.27	100.00
	Column Percent	5.07	5.10	—
	95% Lower Confidence Limit, Col Pct	2.94	2.52	—
	95% Upper Confidence Limit, Col Pct	7.21	7.67	—
No	Weighted Frequency	1124.37	853.63	1978.00
	Row Percent	56.84	43.16	100.00
	Column Percent	94.93	94.90	—
	95% Lower Confidence Limit, Col Pct	92.79	92.33	—
	95% Upper Confidence Limit, Col Pct	97.06	97.48	—
Total	Weighted Frequency	1184.45	899.46	2083.91
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the demographic group.
 Column percent indicates the percentage of the demographic group that gave the response.
 Weighted Frequency Missing = 164.68. P-value from chi-square test. p=0.9893

15.1a. Has a doctor, nurse, or other health professional ever told you that you had a heart attack, also called a myocardial infarction?

Table A-187. Health professional told respondent he/she had heart attack, by whether provider asked about smoking.

Response	Statistic	Provider asked if smoker	Provider did not ask if smoker
Yes	Weighted Frequency	57.63	45.10
	Row Percent	56.10	43.90
	Column Percent	4.18	6.72
	95% Lower Confidence Limit, Col Pct	2.34	3.40
	95% Upper Confidence Limit, Col Pct	6.02	10.03
No	Weighted Frequency	1320.38	626.30
	Row Percent	67.83	32.17
	Column Percent	95.82	93.28
	95% Lower Confidence Limit, Col Pct	93.98	89.97
	95% Upper Confidence Limit, Col Pct	97.66	96.60
Total	Weighted Frequency	1378.01	671.40
	Row Percent	—	—
	Column Percent	100.00	100.00
	95% Lower Confidence Limit, Col Pct	—	—
	95% Upper Confidence Limit, Col Pct	—	—

Row percent indicates the percentage of responses in the demographic group.
 Column percent indicates the percentage of the demographic group that gave the response.
 Weighted Frequency Missing = 164.68. P-value from chi-square test. p=0.1573

15.1a. Has a doctor, nurse, or other health professional ever told you that you had a heart attack, also called a myocardial infarction?

Table A-188. Health professional told respondent he/she had heart attack, by whether provider advised to quit smoking.

Response	Statistic	Advised to quit	Not advised to quit
Yes	Weighted Frequency	27.82	14.59
	Row Percent	65.60	34.40
	Column Percent	4.92	4.56
	95% Lower Confidence Limit, Col Pct	1.70	0.46
	95% Upper Confidence Limit, Col Pct	8.14	8.66
No	Weighted Frequency	537.57	305.50
	Row Percent	63.76	36.24
	Column Percent	95.08	95.44
	95% Lower Confidence Limit, Col Pct	91.86	91.34
	95% Upper Confidence Limit, Col Pct	98.30	99.54
Total	Weighted Frequency	565.39	320.09
	Row Percent	—	—
	Column Percent	100.00	100.00
	95% Lower Confidence Limit, Col Pct	—	—
	95% Upper Confidence Limit, Col Pct	—	—

Row percent indicates the percentage of responses in the demographic group.
 Column percent indicates the percentage of the demographic group that gave the response.
 Weighted Frequency Missing = 164.68. P-value from chi-square test. p=0.8924

15.1b. Has a doctor, nurse, or other health professional ever told you that you had angina or coronary heart disease?

Table A-189. Health professional told respondent he/she had angina or heart disease.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	95	4.54	2.95	6.13
No	1997	95.46	93.87	97.05
Total	2092	100.00	–	–

Weighted Frequency Missing = 186.31.

15.1b. Has a doctor, nurse, or other health professional ever told you that you had angina or coronary heart disease?

Table A-190. Health professional told respondent he/she had angina or coronary heart disease, by smoking status.

Response	Statistic	Nonsmoker	Smoker	Total
Yes	Weighted Frequency	56.34	38.71	95.05
	Row Percent	59.27	40.73	100.00
	Column Percent	4.80	4.35	—
	95% Lower Confidence Limit, Col Pct	2.67	1.89	—
	95% Upper Confidence Limit, Col Pct	6.93	6.82	—
No	Weighted Frequency	1116.53	850.70	1967.23
	Row Percent	56.76	43.24	100.00
	Column Percent	95.20	95.65	—
	95% Lower Confidence Limit, Col Pct	93.07	93.18	—
	95% Upper Confidence Limit, Col Pct	97.33	98.11	—
Total	Weighted Frequency	1172.87	889.41	2062.28
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the demographic group.
 Column percent indicates the percentage of the demographic group that gave the response.
 Weighted Frequency Missing = 186.31. P-value from chi-square test. p=0.7876

15.1b. Has a doctor, nurse, or other health professional ever told you that you had angina or coronary heart disease?

Table A-191. Health professional told respondent he/she had angina or coronary heart disease, by whether provider asked about smoking.

Response	Statistic	Provider asked if smoker	Provider did not ask if smoker
Yes	Weighted Frequency	46.16	41.24
	Row Percent	52.81	47.19
	Column Percent	3.36	6.29
	95% Lower Confidence Limit, Col Pct	1.69	2.98
	95% Upper Confidence Limit, Col Pct	5.04	9.61
No	Weighted Frequency	1326.34	614.04
	Row Percent	68.35	31.65
	Column Percent	96.64	93.71
	95% Lower Confidence Limit, Col Pct	94.96	90.39
	95% Upper Confidence Limit, Col Pct	98.31	97.02
Total	Weighted Frequency	1372.50	655.28
	Row Percent	—	—
	Column Percent	100.00	100.00
	95% Lower Confidence Limit, Col Pct	—	—
	95% Upper Confidence Limit, Col Pct	—	—

Row percent indicates the percentage of responses in the demographic group.
 Column percent indicates the percentage of the demographic group that gave the response.
 Weighted Frequency Missing = 186.31. P-value from chi-square test. p=0.0861

15.1b. Has a doctor, nurse, or other health professional ever told you that you had angina or coronary heart disease?

Table A-192. Health professional told respondent he/she had angina or coronary heart disease, by whether provider advised to quit smoking.

Response	Statistic	Advised to quit	Not advised to quit
Yes	Weighted Frequency	20.53	18.18
	Row Percent	53.04	46.96
	Column Percent	3.69	5.69
	95% Lower Confidence Limit, Col Pct	0.82	1.00
	95% Upper Confidence Limit, Col Pct	6.57	10.38
No	Weighted Frequency	535.49	301.47
	Row Percent	63.98	36.02
	Column Percent	96.31	94.31
	95% Lower Confidence Limit, Col Pct	93.43	89.62
	95% Upper Confidence Limit, Col Pct	99.18	99.00
Total	Weighted Frequency	556.02	319.65
	Row Percent	—	—
	Column Percent	100.00	100.00
	95% Lower Confidence Limit, Col Pct	—	—
	95% Upper Confidence Limit, Col Pct	—	—

Row percent indicates the percentage of responses in the demographic group.
 Column percent indicates the percentage of the demographic group that gave the response.
 Weighted Frequency Missing = 186.31. P-value from chi-square test. p=0.4512

15.1c. Has a doctor, nurse, or other health professional ever told you that you had a stroke?

Table A-193. Health professional told respondent he/she had stroke.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	117	5.49	3.74	7.25
No	2012	94.51	92.75	96.26
Total	2129	100.00	–	–

Weighted Frequency Missing = 149.21.

15.1c. Has a doctor, nurse, or other health professional ever told you that you had a stroke?

Table A-194. Health professional told respondent he/she had stroke, by age.

Response	Statistic	19–24	25–34	35–44	45–54	55–64	Total
Yes	Weighted Frequency	0.14	14.15	16.98	31.18	54.49	116.94
	Row Percent	0.12	12.10	14.52	26.66	46.60	100.00
	Column Percent	0.05	2.82	3.33	6.56	15.65	–
	95% Lower Confidence Limit, Col Pct	0.00	0.00	0.52	2.64	8.86	–
	95% Upper Confidence Limit, Col Pct	0.11	5.71	6.15	10.47	22.44	–
No	Weighted Frequency	293.37	487.93	492.57	444.24	293.69	2011.80
	Row Percent	14.58	24.25	24.48	22.08	14.60	100.00
	Column Percent	99.95	97.18	96.67	93.44	84.35	–
	95% Lower Confidence Limit, Col Pct	99.89	94.29	93.85	89.53	77.56	–
	95% Upper Confidence Limit, Col Pct	100.00	100.00	99.48	97.36	91.14	–
Total	Weighted Frequency	293.51	502.08	509.55	475.42	348.18	2128.74
	Row Percent	–	–	–	–	–	–
	Column Percent	100.00	100.00	100.00	100.00	100.00	–
	95% Lower Confidence Limit, Col Pct	–	–	–	–	–	–
	95% Upper Confidence Limit, Col Pct	–	–	–	–	–	–

Row percent indicates the percentage of responses in the age group.
 Column percent indicates the percentage of the age group that gave the response.
 Weighted Frequency Missing = 149.21. P-value from chi-square test. p<.0001

15.1c. Has a doctor, nurse, or other health professional ever told you that you had a stroke?

Table A-195. Health professional told respondent he/she had a stroke, by smoking status.

Response	Statistic	Nonsmoker	Smoker	Total
Yes	Weighted Frequency	72.51	44.25	116.76
	Row Percent	62.10	37.90	100.00
	Column Percent	6.04	4.92	—
	95% Lower Confidence Limit, Col Pct	3.61	2.33	—
	95% Upper Confidence Limit, Col Pct	8.47	7.51	—
No	Weighted Frequency	1127.67	854.95	1982.62
	Row Percent	56.88	43.12	100.00
	Column Percent	93.96	95.08	—
	95% Lower Confidence Limit, Col Pct	91.53	92.49	—
	95% Upper Confidence Limit, Col Pct	96.39	97.67	—
Total	Weighted Frequency	1200.18	899.20	2099.38
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the demographic group.
 Column percent indicates the percentage of the demographic group that gave the response.
 Weighted Frequency Missing = 149.21. P-value from chi-square test. p=0.5423

15.1c. Has a doctor, nurse, or other health professional ever told you that you had a stroke?

Table A-196. Health professional told respondent he/she had a stroke, by whether provider asked about smoking.

Response	Statistic	Provider asked if smoker	Provider did not ask if smoker
Yes	Weighted Frequency	77.41	35.43
	Row Percent	68.60	31.40
	Column Percent	5.55	5.25
	95% Lower Confidence Limit, Col Pct	3.36	2.25
	95% Upper Confidence Limit, Col Pct	7.75	8.25
No	Weighted Frequency	1316.34	639.39
	Row Percent	67.31	32.69
	Column Percent	94.45	94.75
	95% Lower Confidence Limit, Col Pct	92.25	91.75
	95% Upper Confidence Limit, Col Pct	96.64	97.75
Total	Weighted Frequency	1393.75	674.82
	Row Percent	—	—
	Column Percent	100.00	100.00
	95% Lower Confidence Limit, Col Pct	—	—
	95% Upper Confidence Limit, Col Pct	—	—

Row percent indicates the percentage of responses in the demographic group.
 Column percent indicates the percentage of the demographic group that gave the response.
 Weighted Frequency Missing = 149.21. P-value from chi-square test. p=0.8737

15.1c. Has a doctor, nurse, or other health professional ever told you that you had a stroke?

Table A-197. Health professional told respondent he/she had a stroke, by whether provider advised to quit smoking.

Response	Statistic	Advised to quit	Not advised to quit
Yes	Weighted Frequency	32.70	11.31
	Row Percent	74.30	25.70
	Column Percent	5.79	3.53
	95% Lower Confidence Limit, Col Pct	2.23	0.00
	95% Upper Confidence Limit, Col Pct	9.35	7.21
No	Weighted Frequency	532.43	308.78
	Row Percent	63.29	36.71
	Column Percent	94.21	96.47
	95% Lower Confidence Limit, Col Pct	90.65	92.79
	95% Upper Confidence Limit, Col Pct	97.77	100.00
Total	Weighted Frequency	565.13	320.09
	Row Percent	—	—
	Column Percent	100.00	100.00
	95% Lower Confidence Limit, Col Pct	—	—
	95% Upper Confidence Limit, Col Pct	—	—

Row percent indicates the percentage of responses in the demographic group.
 Column percent indicates the percentage of the demographic group that gave the response.
 Weighted Frequency Missing = 149.21. P-value from chi-square test. p=0.4167

15.2a. During the past 12 months, did you visit an emergency room because of a heart attack, also called a myocardial infarction?

Table A-198. Visited ER because of heart attack, past 12 months.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	36	33.68	17.70	49.66
No	70	66.32	50.34	82.30
Total	106	100.00	–	–

Weighted Frequency Missing = 2172.04.

15.2a. During the past 12 months, did you visit an emergency room because of a heart attack, also called a myocardial infarction?

Table A-199. Visited ER because of heart attack, past 12 months, by smoking status.

Response	Statistic	Nonsmoker	Smoker	Total
Yes	Weighted Frequency	25.55	10.12	35.67
	Row Percent	71.63	28.37	100.00
	Column Percent	42.53	22.08	—
	95% Lower Confidence Limit, Col Pct	20.78	0.36	—
	95% Upper Confidence Limit, Col Pct	64.27	43.80	—
No	Weighted Frequency	34.53	35.71	70.24
	Row Percent	49.16	50.84	100.00
	Column Percent	57.47	77.92	—
	95% Lower Confidence Limit, Col Pct	35.73	56.20	—
	95% Upper Confidence Limit, Col Pct	79.22	99.64	—
Total	Weighted Frequency	60.08	45.83	105.91
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the demographic group.
 Column percent indicates the percentage of the demographic group that gave the response.
 Weighted Frequency Missing = 2172.04. P-value from chi-square test. p=0.2064

15.2b. During the past 12 months, did you visit an emergency room because of angina or coronary heart disease?

Table A-200. Visited ER because of angina or heart disease, past 12 months.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	34	36.59	18.92	54.25
No	58	63.41	45.75	81.08
Total	92	100.00	–	–

Weighted Frequency Missing = 2186.25.

15.2b. During the past 12 months, did you visit an emergency room because of angina or coronary heart disease?

Table A-201. Visited ER because of angina or heart disease, by smoking status.

Response	Statistic	Nonsmoker	Smoker	Total
Yes	Weighted Frequency	24.26	9.29	33.55
	Row Percent	72.31	27.69	100.00
	Column Percent	45.78	24.00	—
	95% Lower Confidence Limit, Col Pct	22.00	0.67	—
	95% Upper Confidence Limit, Col Pct	69.56	47.33	—
No	Weighted Frequency	28.73	29.42	58.15
	Row Percent	49.41	50.59	100.00
	Column Percent	54.22	76.00	—
	95% Lower Confidence Limit, Col Pct	30.44	52.67	—
	95% Upper Confidence Limit, Col Pct	78.00	99.33	—
Total	Weighted Frequency	52.99	38.71	91.70
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the demographic group.
 Column percent indicates the percentage of the demographic group that gave the response.
 Weighted Frequency Missing = 2186.25. P-value from chi-square test. p=0.2038

15.2c. During the past 12 months, did you visit an emergency room because of a stroke?

Table A-202. Visited ER because of stroke, past 12 months.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	30	25.44	11.37	39.51
No	87	74.56	60.49	88.63
Total	117	100.00	–	–

Weighted Frequency Missing = 2161.01.

15.2c. During the past 12 months, did you visit an emergency room because of a stroke?

Table A-203. Visited ER because of stroke, by smoking status.

Response	Statistic	Nonsmoker	Smoker	Total
Yes	Weighted Frequency	18.34	11.41	29.75
	Row Percent	61.65	38.35	100.00
	Column Percent	25.29	25.79	—
	95% Lower Confidence Limit, Col Pct	7.93	1.85	—
	95% Upper Confidence Limit, Col Pct	42.65	49.72	—
No	Weighted Frequency	54.17	32.84	87.01
	Row Percent	62.26	37.74	100.00
	Column Percent	74.71	74.21	—
	95% Lower Confidence Limit, Col Pct	57.35	50.28	—
	95% Upper Confidence Limit, Col Pct	92.07	98.15	—
Total	Weighted Frequency	72.51	44.25	116.76
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the demographic group.
 Column percent indicates the percentage of the demographic group that gave the response.
 Weighted Frequency Missing = 2161.01. P-value from chi-square test. p=0.9734

15.2c. During the past 12 months, did you visit an emergency room because of a stroke?

Table A-204. Visited ER because of stroke, by gender.

Response	Statistic	Female	Male	Total
Yes	Weighted Frequency	27.88	1.87	29.75
	Row Percent	93.71	6.29	100.00
	Column Percent	38.35	4.23	—
	95% Lower Confidence Limit, Col Pct	18.07	0.00	—
	95% Upper Confidence Limit, Col Pct	58.64	9.16	—
No	Weighted Frequency	44.81	42.38	87.19
	Row Percent	51.39	48.61	100.00
	Column Percent	61.65	95.77	—
	95% Lower Confidence Limit, Col Pct	41.36	90.84	—
	95% Upper Confidence Limit, Col Pct	81.93	100.00	—
Total	Weighted Frequency	72.69	44.25	116.94
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the gender group.
 Column percent indicates the percentage of the gender group that gave the response.
 Weighted Frequency Missing = 2161.01. P-value from chi-square test. p<.0001

15.3. Do you take aspirin daily, or every other day, to lower your risk of heart disease, or prevent a heart attack?

Table A-205. Respondent takes aspirin to lower risk or prevent heart attack.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	363	27.05	22.80	31.30
No	979	72.95	68.70	77.20
Total	1342	100.00	–	–

Weighted Frequency Missing = 935.79.

15.3. Do you take aspirin daily, or every other day, to lower your risk of heart disease, or prevent a heart attack?

Table A-206. Respondent takes aspirin to lower risk or prevent heart attack, by OHP program.

Response	Statistic	OHP Plus	OHP Standard	Total
Yes	Weighted Frequency	174.29	188.71	363.00
	Row Percent	48.01	51.99	100.00
	Column Percent	21.39	35.84	—
	95% Lower Confidence Limit, Col Pct	16.47	28.45	—
	95% Upper Confidence Limit, Col Pct	26.31	43.22	—
No	Weighted Frequency	640.61	337.87	978.48
	Row Percent	65.47	34.53	100.00
	Column Percent	78.61	64.16	—
	95% Lower Confidence Limit, Col Pct	73.69	56.78	—
	95% Upper Confidence Limit, Col Pct	83.53	71.55	—
Total	Weighted Frequency	814.90	526.58	1341.48
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the OHP benefit group.
 Column percent indicates the percentage of the OHP benefit group that gave the response.
 Weighted Frequency Missing = 935.79. P-value from chi-square test. p=0.001

15.3. Do you take aspirin daily, or every other day, to lower your risk of heart disease, or prevent a heart attack?

Table A-207. Respondent takes aspirin to lower risk or prevent heart attack, by Medicaid reimbursement plan.

Response	Statistic	FFS	MC	Total
Yes	Weighted Frequency	177.40	169.95	347.35
	Row Percent	51.07	48.93	100.00
	Column Percent	31.61	22.99	—
	95% Lower Confidence Limit, Col Pct	24.89	17.51	—
	95% Upper Confidence Limit, Col Pct	38.34	28.47	—
No	Weighted Frequency	383.74	569.37	953.11
	Row Percent	40.26	59.74	100.00
	Column Percent	68.39	77.01	—
	95% Lower Confidence Limit, Col Pct	61.66	71.53	—
	95% Upper Confidence Limit, Col Pct	75.11	82.49	—
Total	Weighted Frequency	561.14	739.32	1300.46
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the Medicaid enrollment group.
 Column percent indicates the percentage of the Medicaid enrollment group that gave the response.
 Weighted Frequency Missing = 935.79. P-value from chi-square test. p=0.0496

15.4. Have you ever been told by a doctor, nurse, or other health professional that you have high blood pressure?

Table A-208. Health professional told respondent he/she had high blood pressure.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	593	27.87	24.42	31.32
Yes but female told only during pregnancy	63	2.98	1.63	4.34
No	1470	69.14	65.57	72.72
Total	2126	100.00	–	–

Weighted Frequency Missing = 151.49.

15.4. Have you ever been told by a doctor, nurse, or other health professional that you have high blood pressure?

Table A-209. Health professional told respondent he/she had high blood pressure, by race/ethnicity.

Response	Statistic	African American	Asian	Hispanic	Native American	Other or Unknown	White	Total
Yes	Weighted Frequency	30.58	20.98	23.63	17.97	3.76	495.79	592.71
	Row Percent	5.16	3.54	3.99	3.03	0.63	83.65	100.00
	Column Percent	33.40	35.47	21.46	32.91	28.36	27.58	—
	95% Lower Confidence Limit, Col Pct	28.58	25.34	17.79	28.73	22.21	23.53	—
	95% Upper Confidence Limit, Col Pct	38.22	45.59	25.14	37.08	34.50	31.62	—
Yes but female told only during pregnancy	Weighted Frequency	1.79	0.50	3.42	2.17	0.11	55.43	63.42
	Row Percent	2.82	0.79	5.39	3.42	0.17	87.40	100.00
	Column Percent	1.96	0.85	3.11	3.97	0.83	3.08	—
	95% Lower Confidence Limit, Col Pct	0.49	0.00	1.50	2.17	0.00	1.49	—
	95% Upper Confidence Limit, Col Pct	3.42	2.02	4.72	5.78	1.98	4.68	—
No	Weighted Frequency	59.19	37.67	83.04	34.47	9.39	1246.57	1470.33
	Row Percent	4.03	2.56	5.65	2.34	0.64	84.78	100.00
	Column Percent	64.65	63.69	75.43	63.12	70.81	69.34	—
	95% Lower Confidence Limit, Col Pct	59.75	53.58	71.56	58.81	64.62	65.14	—
	95% Upper Confidence Limit, Col Pct	69.54	73.79	79.30	67.43	77.01	73.54	—
Total	Weighted Frequency	91.56	59.15	110.09	54.61	13.26	1797.79	2126.46
	Row Percent	—	—	—	—	—	—	—
	Column Percent	100.00	100.00	100.00	100.00	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—	—	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—	—	—	—	—

Row percent indicates the percentage of responses in the race/ethnicity group.
 Column percent indicates the percentage of the race/ethnicity group that gave the response.
 Weighted Frequency Missing = 151.49. P-value from chi-square test. p=0.012

15.4. Have you ever been told by a doctor, nurse, or other health professional that you have high blood pressure?

Table A-210. Health professional told respondent he/she had high blood pressure, by OHP program.

Response	Statistic	OHP Plus	OHP Standard	Total
Yes	Weighted Frequency	381.20	211.22	592.42
	Row Percent	64.35	35.65	100.00
	Column Percent	28.09	27.49	—
	95% Lower Confidence Limit, Col Pct	23.72	21.87	—
	95% Upper Confidence Limit, Col Pct	32.45	33.12	—
Yes but female told only during pregnancy	Weighted Frequency	60.38	3.04	63.42
	Row Percent	95.21	4.79	100.00
	Column Percent	4.45	0.40	—
	95% Lower Confidence Limit, Col Pct	2.35	0.18	—
	95% Upper Confidence Limit, Col Pct	6.55	0.61	—
No	Weighted Frequency	915.71	553.98	1469.69
	Row Percent	62.31	37.69	100.00
	Column Percent	67.47	72.11	—
	95% Lower Confidence Limit, Col Pct	62.88	66.48	—
	95% Upper Confidence Limit, Col Pct	72.05	77.74	—
Total	Weighted Frequency	1357.29	768.24	2125.53
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the OHP benefit group.
 Column percent indicates the percentage of the OHP benefit group that gave the response.
 Weighted Frequency Missing = 151.49. P-value from chi-square test. p=0.0004

15.4. Have you ever been told by a doctor, nurse, or other health professional that you have high blood pressure?

Table A-211. Health professional told respondent he/she had high blood pressure, by age.

Response	Statistic	19–24	25–34	35–44	45–54	55–64	Total
Yes	Weighted Frequency	16.67	75.88	113.51	177.96	208.69	592.71
	Row Percent	2.81	12.80	19.15	30.02	35.21	100.00
	Column Percent	5.68	15.27	22.12	37.35	60.20	—
	95% Lower Confidence Limit, Col Pct	1.28	9.12	15.33	29.89	51.30	—
	95% Upper Confidence Limit, Col Pct	10.09	21.43	28.91	44.81	69.11	—
Yes but female told only during pregnancy	Weighted Frequency	26.30	27.82	4.32	4.81	0.17	63.42
	Row Percent	41.47	43.87	6.81	7.58	0.27	100.00
	Column Percent	8.96	5.60	0.84	1.01	0.05	—
	95% Lower Confidence Limit, Col Pct	2.94	1.65	0.00	0.00	0.00	—
	95% Upper Confidence Limit, Col Pct	14.99	9.55	2.25	2.55	0.15	—
No	Weighted Frequency	250.42	393.14	395.28	293.70	137.79	1470.33
	Row Percent	17.03	26.74	26.88	19.98	9.37	100.00
	Column Percent	85.35	79.13	77.04	61.64	39.75	—
	95% Lower Confidence Limit, Col Pct	78.07	72.18	70.16	54.14	30.84	—
	95% Upper Confidence Limit, Col Pct	92.64	86.07	83.91	69.14	48.65	—
Total	Weighted Frequency	293.39	496.84	513.11	476.47	346.65	2126.46
	Row Percent	—	—	—	—	—	—
	Column Percent	100.00	100.00	100.00	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—	—	—	—

Row percent indicates the percentage of responses in the age group.
 Column percent indicates the percentage of the age group that gave the response.
 Weighted Frequency Missing = 151.49. P-value from chi-square test. p<.0001

15.4. Have you ever been told by a doctor, nurse, or other health professional that you have high blood pressure?

Table A-212. Health professional told respondent he/she had high blood pressure, by gender.

Response	Statistic	Female	Male	Total
Yes	Weighted Frequency	362.26	230.45	592.71
	Row Percent	61.12	38.88	100.00
	Column Percent	25.54	32.54	—
	95% Lower Confidence Limit, Col Pct	21.53	25.98	—
	95% Upper Confidence Limit, Col Pct	29.56	39.09	—
Yes but female told only during pregnancy	Weighted Frequency	62.52	0.90	63.42
	Row Percent	98.58	1.42	100.00
	Column Percent	4.41	0.13	—
	95% Lower Confidence Limit, Col Pct	2.40	0.00	—
	95% Upper Confidence Limit, Col Pct	6.42	0.27	—
No	Weighted Frequency	993.40	476.93	1470.33
	Row Percent	67.56	32.44	100.00
	Column Percent	70.05	67.34	—
	95% Lower Confidence Limit, Col Pct	65.80	60.78	—
	95% Upper Confidence Limit, Col Pct	74.30	73.89	—
Total	Weighted Frequency	1418.18	708.28	2126.46
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the gender group.

Column percent indicates the percentage of the gender group that gave the response.

Weighted Frequency Missing = 151.49. P-value from chi-square test. $p < .0001$

15.4. Have you ever been told by a doctor, nurse, or other health professional that you have high blood pressure?

Table A-213. Health professional told respondent he/she had high blood pressure, by rural/urban.

Response	Statistic	Rural	Urban	Total
Yes	Weighted Frequency	268.29	324.42	592.71
	Row Percent	45.26	54.74	100.00
	Column Percent	28.32	27.51	–
	95% Lower Confidence Limit, Col Pct	23.12	22.91	–
	95% Upper Confidence Limit, Col Pct	33.53	32.12	–
Yes but female told only during pregnancy	Weighted Frequency	50.84	12.58	63.42
	Row Percent	80.16	19.84	100.00
	Column Percent	5.37	1.07	–
	95% Lower Confidence Limit, Col Pct	2.58	0.17	–
	95% Upper Confidence Limit, Col Pct	8.16	1.96	–
No	Weighted Frequency	628.10	842.23	1470.33
	Row Percent	42.72	57.28	100.00
	Column Percent	66.31	71.42	–
	95% Lower Confidence Limit, Col Pct	60.78	66.77	–
	95% Upper Confidence Limit, Col Pct	71.84	76.07	–
Total	Weighted Frequency	947.23	1179.23	2126.46
	Row Percent	–	–	–
	Column Percent	100.00	100.00	–
	95% Lower Confidence Limit, Col Pct	–	–	–
	95% Upper Confidence Limit, Col Pct	–	–	–

Row percent indicates the percentage of responses in the geographic location group.

Column percent indicates the percentage of the geographic location group that gave the response.

Weighted Frequency Missing = 151.49. P-value from chi-square test. $p=0.0028$

15.5. Are you currently taking any medicine prescribed by a doctor, nurse, or other health professional for your high blood pressure?

Table A-214. Respondent takes medicine prescribed for high blood pressure.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	335	57.60	50.39	64.81
No	246	42.40	35.19	49.61
Total	581	100.00	–	–

Weighted Frequency Missing = 1697.05.

15.5. Are you currently taking any medicine prescribed by a doctor, nurse, or other health professional for your high blood pressure?

Table A-215. Respondent takes medicine prescribed for high blood pressure, by race/ethnicity.

Response	Statistic	African American	Asian	Hispanic	Native American	Other or Unknown	White	Total
Yes	Weighted Frequency	24.45	16.27	17.15	10.16	2.25	264.33	334.61
	Row Percent	7.31	4.86	5.13	3.04	0.67	79.00	100.00
	Column Percent	80.51	77.55	73.32	56.54	60.98	54.56	—
	95% Lower Confidence Limit, Col Pct	73.44	61.88	64.64	48.87	48.28	46.01	—
	95% Upper Confidence Limit, Col Pct	87.58	93.22	82.00	64.20	73.67	63.11	—
No	Weighted Frequency	5.92	4.71	6.24	7.81	1.44	220.17	246.29
	Row Percent	2.40	1.91	2.53	3.17	0.58	89.39	100.00
	Column Percent	19.49	22.45	26.68	43.46	39.02	45.44	—
	95% Lower Confidence Limit, Col Pct	12.42	6.78	18.00	35.80	26.33	36.89	—
	95% Upper Confidence Limit, Col Pct	26.56	38.12	35.36	51.13	51.72	53.99	—
Total	Weighted Frequency	30.37	20.98	23.39	17.97	3.69	484.50	580.90
	Row Percent	—	—	—	—	—	—	—
	Column Percent	100.00	100.00	100.00	100.00	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—	—	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—	—	—	—	—

Row percent indicates the percentage of responses in the race/ethnicity group.
 Column percent indicates the percentage of the race/ethnicity group that gave the response.
 Weighted Frequency Missing = 1697.05. P-value from chi-square test. p<.0001

15.5. Are you currently taking any medicine prescribed by a doctor, nurse, or other health professional for your high blood pressure?

Table A-216. Respondent takes medicine prescribed for high blood pressure, by language category.

Response	Statistic	English	Other	Spanish	Total
Yes	Weighted Frequency	322.89	2.41	9.31	334.61
	Row Percent	96.50	0.72	2.78	100.00
	Column Percent	56.94	79.02	86.04	—
	95% Lower Confidence Limit, Col Pct	49.58	40.94	75.50	—
	95% Upper Confidence Limit, Col Pct	64.31	100.00	96.59	—
No	Weighted Frequency	244.14	0.64	1.51	246.29
	Row Percent	99.13	0.26	0.61	100.00
	Column Percent	43.06	20.98	13.96	—
	95% Lower Confidence Limit, Col Pct	35.69	0.00	3.41	—
	95% Upper Confidence Limit, Col Pct	50.42	59.06	24.50	—
Total	Weighted Frequency	567.03	3.05	10.82	580.90
	Row Percent	—	—	—	—
	Column Percent	100.00	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—	—

Row percent indicates the percentage of responses in the primary language group.
 Column percent indicates the percentage of the primary language group that gave the response.
 Weighted Frequency Missing = 1697.05. P-value from chi-square test. p=0.0143

15.5. Are you currently taking any medicine prescribed by a doctor, nurse, or other health professional for your high blood pressure?

Table A-217. Respondent takes medicine prescribed for high blood pressure, by age.

Response	Statistic	19–24	25–34	35–44	45–54	55–64	Total
Yes	Weighted Frequency	0.85	26.54	50.09	95.29	161.84	334.61
	Row Percent	0.25	7.93	14.97	28.48	48.37	100.00
	Column Percent	5.10	34.98	45.71	53.55	80.59	–
	95% Lower Confidence Limit, Col Pct	0.00	14.23	28.36	41.04	70.76	–
	95% Upper Confidence Limit, Col Pct	11.93	55.72	63.06	66.05	90.42	–
No	Weighted Frequency	15.82	49.34	59.49	82.67	38.97	246.29
	Row Percent	6.42	20.03	24.15	33.57	15.82	100.00
	Column Percent	94.90	65.02	54.29	46.45	19.41	–
	95% Lower Confidence Limit, Col Pct	88.07	44.28	36.94	33.95	9.58	–
	95% Upper Confidence Limit, Col Pct	100.00	85.77	71.64	58.96	29.24	–
Total	Weighted Frequency	16.67	75.88	109.58	177.96	200.81	580.90
	Row Percent	–	–	–	–	–	–
	Column Percent	100.00	100.00	100.00	100.00	100.00	–
	95% Lower Confidence Limit, Col Pct	–	–	–	–	–	–
	95% Upper Confidence Limit, Col Pct	–	–	–	–	–	–

Row percent indicates the percentage of responses in the age group.
 Column percent indicates the percentage of the age group that gave the response.
 Weighted Frequency Missing = 1697.05. P-value from chi-square test. p<.0001

15.6. Have you ever had your blood cholesterol checked?

Table A-218. Respondent has had blood cholesterol checked.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	1305	66.04	62.15	69.93
No	671	33.96	30.07	37.85
Total	1976	100.00	–	–

Weighted Frequency Missing = 302.24.

15.6. Have you ever had your blood cholesterol checked?

Table A-219. Respondent has had blood cholesterol checked, by race/ethnicity.

Response	Statistic	African American	Asian	Hispanic	Native American	Other or Unknown	White	Total
Yes	Weighted Frequency	55.38	34.67	51.99	33.52	7.77	1121.41	1304.74
	Row Percent	4.24	2.66	3.98	2.57	0.60	85.95	100.00
	Column Percent	64.99	60.85	49.43	65.48	63.12	67.36	—
	95% Lower Confidence Limit, Col Pct	59.83	51.13	44.75	61.02	56.24	62.77	—
	95% Upper Confidence Limit, Col Pct	70.15	70.56	54.11	69.95	70.00	71.94	—
No	Weighted Frequency	29.83	22.31	53.19	17.67	4.54	543.43	670.97
	Row Percent	4.45	3.33	7.93	2.63	0.68	80.99	100.00
	Column Percent	35.01	39.15	50.57	34.52	36.88	32.64	—
	95% Lower Confidence Limit, Col Pct	29.85	29.44	45.89	30.05	30.00	28.06	—
	95% Upper Confidence Limit, Col Pct	40.17	48.87	55.25	38.98	43.76	37.23	—
Total	Weighted Frequency	85.21	56.98	105.18	51.19	12.31	1664.84	1975.71
	Row Percent	—	—	—	—	—	—	—
	Column Percent	100.00	100.00	100.00	100.00	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—	—	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—	—	—	—	—

Row percent indicates the percentage of responses in the race/ethnicity group.
 Column percent indicates the percentage of the race/ethnicity group that gave the response.
 Weighted Frequency Missing = 302.24. P-value from chi-square test. $p < .0001$

15.6. Have you ever had your blood cholesterol checked?

Table A-220. Respondent has had blood cholesterol checked, by language category.

Response	Statistic	English	Other	Spanish	Total
Yes	Weighted Frequency	1278.69	8.69	17.36	1304.74
	Row Percent	98.00	0.67	1.33	100.00
	Column Percent	66.53	64.23	43.03	—
	95% Lower Confidence Limit, Col Pct	62.54	38.36	35.62	—
	95% Upper Confidence Limit, Col Pct	70.53	90.09	50.45	—
No	Weighted Frequency	643.15	4.84	22.98	670.97
	Row Percent	95.85	0.72	3.42	100.00
	Column Percent	33.47	35.77	56.97	—
	95% Lower Confidence Limit, Col Pct	29.47	9.91	49.55	—
	95% Upper Confidence Limit, Col Pct	37.46	61.64	64.38	—
Total	Weighted Frequency	1921.84	13.53	40.34	1975.71
	Row Percent	—	—	—	—
	Column Percent	100.00	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—	—

Row percent indicates the percentage of responses in the primary language group.
 Column percent indicates the percentage of the primary language group that gave the response.
 Weighted Frequency Missing = 302.24. P-value from chi-square test. $p=0.0008$

15.6. Have you ever had your blood cholesterol checked?

Table A-221. Respondent has had blood cholesterol checked, by age.

Response	Statistic	19–24	25–34	35–44	45–54	55–64	Total
Yes	Weighted Frequency	79.47	236.93	327.67	359.81	300.86	1304.74
	Row Percent	6.09	18.16	25.11	27.58	23.06	100.00
	Column Percent	33.10	50.51	68.18	79.38	90.44	–
	95% Lower Confidence Limit, Col Pct	20.95	41.84	60.19	73.08	85.17	–
	95% Upper Confidence Limit, Col Pct	45.24	59.18	76.18	85.69	95.70	–
No	Weighted Frequency	160.64	232.16	152.91	93.45	31.81	670.97
	Row Percent	23.94	34.60	22.79	13.93	4.74	100.00
	Column Percent	66.90	49.49	31.82	20.62	9.56	–
	95% Lower Confidence Limit, Col Pct	54.76	40.82	23.82	14.31	4.30	–
	95% Upper Confidence Limit, Col Pct	79.05	58.16	39.81	26.92	14.83	–
Total	Weighted Frequency	240.11	469.09	480.58	453.26	332.67	1975.71
	Row Percent	–	–	–	–	–	–
	Column Percent	100.00	100.00	100.00	100.00	100.00	–
	95% Lower Confidence Limit, Col Pct	–	–	–	–	–	–
	95% Upper Confidence Limit, Col Pct	–	–	–	–	–	–

Row percent indicates the percentage of responses in the age group.

Column percent indicates the percentage of the age group that gave the response.

Weighted Frequency Missing = 302.24. P-value from chi-square test. $p < .0001$

15.7. How many years has it been since you last had your blood cholesterol checked?

Table A-222. Years since blood cholesterol last checked.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
0 up to 1 year ago	862	68.25	63.37	73.12
1 up to 2 years ago	194	15.33	11.51	19.16
2 up to 5 years ago	153	12.12	8.63	15.61
5 or more years ago	54	4.31	2.24	6.38
Total	1264	100.00	–	–

Weighted Frequency Missing = 1014.19.

15.7. How many years has it been since you last had your blood cholesterol checked?

Table A-223. Years since blood cholesterol last checked, by age.

Response	Statistic	19–24	25–34	35–44	45–54	55–64	Total
0 up to 1	Weighted Frequency	43.84	151.11	177.71	256.18	233.62	862.46
	Row Percent	5.08	17.52	20.61	29.70	27.09	100.00
	Column Percent	58.92	66.42	55.66	72.97	80.14	–
	95% Lower Confidence Limit, Col Pct	34.86	54.63	44.80	64.85	72.15	–
	95% Upper Confidence Limit, Col Pct	82.97	78.21	66.52	81.09	88.12	–
1 up to 2	Weighted Frequency	16.69	49.63	59.42	40.35	27.65	193.74
	Row Percent	8.61	25.62	30.67	20.83	14.27	100.00
	Column Percent	22.43	21.82	18.61	11.49	9.48	–
	95% Lower Confidence Limit, Col Pct	0.00	11.45	10.13	5.83	3.58	–
	95% Upper Confidence Limit, Col Pct	45.42	32.18	27.10	17.16	15.38	–
2 up to 5	Weighted Frequency	13.24	17.10	71.11	37.01	14.69	153.15
	Row Percent	8.65	11.17	46.43	24.17	9.59	100.00
	Column Percent	17.79	7.52	22.27	10.54	5.04	–
	95% Lower Confidence Limit, Col Pct	1.39	1.22	12.79	4.74	0.80	–
	95% Upper Confidence Limit, Col Pct	34.20	13.82	31.76	16.34	9.28	–
5 or more	Weighted Frequency	0.64	9.66	11.03	17.52	15.56	54.41
	Row Percent	1.18	17.75	20.27	32.20	28.60	100.00
	Column Percent	0.86	4.25	3.45	4.99	5.34	–
	95% Lower Confidence Limit, Col Pct	0.00	0.00	0.00	1.00	0.74	–
	95% Upper Confidence Limit, Col Pct	1.81	9.29	7.57	8.99	9.94	–
Total	Weighted Frequency	74.41	227.50	319.27	351.06	291.52	1263.76
	Row Percent	–	–	–	–	–	–
	Column Percent	100.00	100.00	100.00	100.00	100.00	–
	95% Lower Confidence Limit, Col Pct	–	–	–	–	–	–
	95% Upper Confidence Limit, Col Pct	–	–	–	–	–	–

Row percent indicates the percentage of responses in the age group.

Column percent indicates the percentage of the age group that gave the response.

Weighted Frequency Missing = 1014.19. P-value from chi-square test. p=0.0118

15.8. Have you ever been told by a doctor, nurse, or other health professional that your blood cholesterol is high?

Table A-224. Health professional told respondent he/she had high blood cholesterol.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	493	38.30	33.43	43.18
No	794	61.70	56.82	66.57
Total	1286	100.00	–	–

Weighted Frequency Missing = 991.74.

15.8. Have you ever been told by a doctor, nurse, or other health professional that your blood cholesterol is high?

Table A-225. Health professional told respondent he/she had high blood cholesterol, by age.

Response	Statistic	19–24	25–34	35–44	45–54	55–64	Total
Yes	Weighted Frequency	13.88	37.63	138.32	141.42	161.42	492.67
	Row Percent	2.82	7.64	28.08	28.70	32.76	100.00
	Column Percent	17.52	15.92	43.04	40.20	54.28	–
	95% Lower Confidence Limit, Col Pct	2.00	6.96	32.42	31.34	44.46	–
	95% Upper Confidence Limit, Col Pct	33.04	24.87	53.66	49.06	64.09	–
No	Weighted Frequency	65.35	198.77	183.08	210.37	135.97	793.54
	Row Percent	8.24	25.05	23.07	26.51	17.13	100.00
	Column Percent	82.48	84.08	56.96	59.80	45.72	–
	95% Lower Confidence Limit, Col Pct	66.96	75.13	46.34	50.94	35.91	–
	95% Upper Confidence Limit, Col Pct	98.00	93.04	67.58	68.66	55.54	–
Total	Weighted Frequency	79.23	236.40	321.40	351.79	297.39	1286.21
	Row Percent	–	–	–	–	–	–
	Column Percent	100.00	100.00	100.00	100.00	100.00	–
	95% Lower Confidence Limit, Col Pct	–	–	–	–	–	–
	95% Upper Confidence Limit, Col Pct	–	–	–	–	–	–

Row percent indicates the percentage of responses in the age group.

Column percent indicates the percentage of the age group that gave the response.

Weighted Frequency Missing = 991.74. P-value from chi-square test. $p < .0001$

15.8. Have you ever been told by a doctor, nurse, or other health professional that your blood cholesterol is high?

Table A-226. Health professional told respondent he/she had high blood cholesterol, by smoking status.

Response	Statistic	Nonsmoker	Smoker	Total
Yes	Weighted Frequency	280.61	212.06	492.67
	Row Percent	56.96	43.04	100.00
	Column Percent	38.26	39.31	—
	95% Lower Confidence Limit, Col Pct	31.93	31.54	—
	95% Upper Confidence Limit, Col Pct	44.59	47.07	—
No	Weighted Frequency	452.84	327.42	780.26
	Row Percent	58.04	41.96	100.00
	Column Percent	61.74	60.69	—
	95% Lower Confidence Limit, Col Pct	55.41	52.93	—
	95% Upper Confidence Limit, Col Pct	68.07	68.46	—
Total	Weighted Frequency	733.45	539.48	1272.93
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the demographic group.
 Column percent indicates the percentage of the demographic group that gave the response.
 Weighted Frequency Missing = 991.74. P-value from chi-square test. p=0.8370

15.9. Are you taking any medicine prescribed by your doctor, nurse, or other health professional for your high blood cholesterol?

Table A-227. Respondent takes medicine prescribed for high blood cholesterol.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	221	44.80	36.86	52.73
No	272	55.20	47.27	63.14
Total	492	100.00	–	–

Weighted Frequency Missing = 1785.53.

15.10. At your last visit, did your doctor, nurse, or other health professional tell you that your blood cholesterol level was still in a high range?

Table A-228. Respondent told blood cholesterol still high, last visit.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	168	35.05	27.25	42.85
No	311	64.95	57.15	72.75
Total	478	100.00	–	–

Weighted Frequency Missing = 1799.88.

15.11. At your last visit, did a doctor, nurse, or other health professional advise to you to cut down on high fat foods to help lower your cholesterol level?

Table A-229. Health professional advised respondent to cut down on high-fat foods.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	271	56.23	48.26	64.19
No	211	43.77	35.81	51.74
Total	483	100.00	–	–

Weighted Frequency Missing = 1795.3.

15.11. At your last visit, did a doctor, nurse, or other health professional advise to you to cut down on high fat foods to help lower your cholesterol level?

Table A-230. Health professional advised respondent to cut down on high-fat foods, by race/ethnicity.

Response	Statistic	African American	Asian	Hispanic	Native American	Other or Unknown	White	Total
Yes	Weighted Frequency	11.62	9.67	13.56	5.53	1.49	229.51	271.38
	Row Percent	4.28	3.56	5.00	2.04	0.55	84.57	100.00
	Column Percent	65.21	64.17	74.92	47.14	52.28	55.03	—
	95% Lower Confidence Limit, Col Pct	54.19	44.30	65.31	37.77	37.92	45.87	—
	95% Upper Confidence Limit, Col Pct	76.23	84.03	84.52	56.51	66.64	64.19	—
No	Weighted Frequency	6.20	5.40	4.54	6.20	1.36	187.57	211.27
	Row Percent	2.93	2.56	2.15	2.93	0.64	88.78	100.00
	Column Percent	34.79	35.83	25.08	52.86	47.72	44.97	—
	95% Lower Confidence Limit, Col Pct	23.77	15.97	15.48	43.49	33.36	35.81	—
	95% Upper Confidence Limit, Col Pct	45.81	55.70	34.69	62.23	62.08	54.13	—
Total	Weighted Frequency	17.82	15.07	18.10	11.73	2.85	417.08	482.65
	Row Percent	—	—	—	—	—	—	—
	Column Percent	100.00	100.00	100.00	100.00	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—	—	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—	—	—	—	—

Row percent indicates the percentage of responses in the race/ethnicity group.
 Column percent indicates the percentage of the race/ethnicity group that gave the response.
 Weighted Frequency Missing = 1795.3. P-value from chi-square test. p=0.0351

15.11. At your last visit, did a doctor, nurse, or other health professional advise to you to cut down on high fat foods to help lower your cholesterol level?

Table A-231. Health professional advised respondent to cut down on high-fat foods, by language category.

Response	Statistic	English	Other	Spanish	Total
Yes	Weighted Frequency	262.61	2.04	6.73	271.38
	Row Percent	96.77	0.75	2.48	100.00
	Column Percent	55.56	70.10	94.66	—
	95% Lower Confidence Limit, Col Pct	47.44	31.60	87.36	—
	95% Upper Confidence Limit, Col Pct	63.69	100.00	100.00	—
No	Weighted Frequency	210.02	0.87	0.38	211.27
	Row Percent	99.41	0.41	0.18	100.00
	Column Percent	44.44	29.90	5.34	—
	95% Lower Confidence Limit, Col Pct	36.31	0.00	0.00	—
	95% Upper Confidence Limit, Col Pct	52.56	68.40	12.64	—
Total	Weighted Frequency	472.63	2.91	7.11	482.65
	Row Percent	—	—	—	—
	Column Percent	100.00	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—	—

Row percent indicates the percentage of responses in the primary language group.
 Column percent indicates the percentage of the primary language group that gave the response.
 Weighted Frequency Missing = 1795.3. P-value from chi-square test. p=0.0027

15.11. At your last visit, did a doctor, nurse, or other health professional advise to you to cut down on high fat foods to help lower your cholesterol level?

Table A-232. Health professional advised respondent to cut down on high-fat foods, by age.

Response	Statistic	19–24	25–34	35–44	45–54	55–64	Total
Yes	Weighted Frequency	1.03	26.59	73.80	59.07	110.89	271.38
	Row Percent	0.38	9.80	27.19	21.77	40.86	100.00
	Column Percent	7.42	70.66	55.65	41.79	70.56	–
	95% Lower Confidence Limit, Col Pct	0.00	43.65	39.33	28.05	58.27	–
	95% Upper Confidence Limit, Col Pct	16.70	97.67	71.96	55.53	82.85	–
No	Weighted Frequency	12.85	11.04	58.82	82.29	46.27	211.27
	Row Percent	6.08	5.23	27.84	38.95	21.90	100.00
	Column Percent	92.58	29.34	44.35	58.21	29.44	–
	95% Lower Confidence Limit, Col Pct	83.30	2.33	28.04	44.47	17.15	–
	95% Upper Confidence Limit, Col Pct	100.00	56.35	60.67	71.95	41.73	–
Total	Weighted Frequency	13.88	37.63	132.62	141.36	157.16	482.65
	Row Percent	–	–	–	–	–	–
	Column Percent	100.00	100.00	100.00	100.00	100.00	–
	95% Lower Confidence Limit, Col Pct	–	–	–	–	–	–
	95% Upper Confidence Limit, Col Pct	–	–	–	–	–	–

Row percent indicates the percentage of responses in the age group.
 Column percent indicates the percentage of the age group that gave the response.
 Weighted Frequency Missing = 1795.3. P-value from chi-square test. p=0.0025

15.12. At your last visit, did a doctor, nurse, or other health professional advise you to exercise on a regular basis to help lower your cholesterol level?

Table A-233. Health professional advised respondent to exercise to lower cholesterol.

Response	Weighted Frequency	Percent	95% LCL	95% UCL
Yes	268	54.83	46.84	62.83
No	221	45.17	37.17	53.16
Total	489	100.00	–	–

Weighted Frequency Missing = 1789.25.

15.12. At your last visit, did a doctor, nurse, or other health professional advise you to exercise on a regular basis to help lower your cholesterol level?

Table A-234. Health professional advised respondent to exercise to lower cholesterol, by race/ethnicity.

Response	Statistic	African American	Asian	Hispanic	Native American	Other or Unknown	White	Total
Yes	Weighted Frequency	9.82	10.09	14.19	7.18	1.52	225.17	267.97
	Row Percent	3.66	3.77	5.30	2.68	0.57	84.03	100.00
	Column Percent	54.46	66.95	78.40	60.80	52.23	53.26	—
	95% Lower Confidence Limit, Col Pct	43.03	47.43	69.27	51.68	38.01	44.08	—
	95% Upper Confidence Limit, Col Pct	65.90	86.48	87.53	69.91	66.46	62.43	—
No	Weighted Frequency	8.21	4.98	3.91	4.63	1.39	197.61	220.73
	Row Percent	3.72	2.26	1.77	2.10	0.63	89.53	100.00
	Column Percent	45.54	33.05	21.60	39.20	47.77	46.74	—
	95% Lower Confidence Limit, Col Pct	34.10	13.52	12.47	30.09	33.54	37.57	—
	95% Upper Confidence Limit, Col Pct	56.97	52.57	30.73	48.32	61.99	55.92	—
Total	Weighted Frequency	18.03	15.07	18.10	11.81	2.91	422.78	488.70
	Row Percent	—	—	—	—	—	—	—
	Column Percent	100.00	100.00	100.00	100.00	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—	—	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—	—	—	—	—

Row percent indicates the percentage of responses in the race/ethnicity group.
 Column percent indicates the percentage of the race/ethnicity group that gave the response.
 Weighted Frequency Missing = 1789.25. P-value from chi-square test. p=0.0073

15.12. At your last visit, did a doctor, nurse, or other health professional advise you to exercise on a regular basis to help lower your cholesterol level?

Table A-235. Health professional advised respondent to exercise to lower cholesterol, by OHP program.

Response	Statistic	OHP Plus	OHP Standard	Total
Yes	Weighted Frequency	140.98	126.63	267.61
	Row Percent	52.68	47.32	100.00
	Column Percent	45.48	71.04	—
	95% Lower Confidence Limit, Col Pct	35.29	59.31	—
	95% Upper Confidence Limit, Col Pct	55.66	82.76	—
No	Weighted Frequency	169.03	51.63	220.66
	Row Percent	76.60	23.40	100.00
	Column Percent	54.52	28.96	—
	95% Lower Confidence Limit, Col Pct	44.34	17.24	—
	95% Upper Confidence Limit, Col Pct	64.71	40.69	—
Total	Weighted Frequency	310.01	178.26	488.27
	Row Percent	—	—	—
	Column Percent	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—

Row percent indicates the percentage of responses in the OHP benefit group.
 Column percent indicates the percentage of the OHP benefit group that gave the response.
 Weighted Frequency Missing = 1789.25. P-value from chi-square test. p=0.0021

15.12. At your last visit, did a doctor, nurse, or other health professional advise you to exercise on a regular basis to help lower your cholesterol level?

Table A-236. Health professional advised respondent to exercise to lower cholesterol, by language category.

Response	Statistic	English	Other	Spanish	Total
Yes	Weighted Frequency	259.81	2.04	6.12	267.97
	Row Percent	96.95	0.76	2.28	100.00
	Column Percent	54.28	70.10	86.08	—
	95% Lower Confidence Limit, Col Pct	46.13	31.60	72.85	—
	95% Upper Confidence Limit, Col Pct	62.42	100.00	99.30	—
No	Weighted Frequency	218.87	0.87	0.99	220.73
	Row Percent	99.16	0.39	0.45	100.00
	Column Percent	45.72	29.90	13.92	—
	95% Lower Confidence Limit, Col Pct	37.58	0.00	0.70	—
	95% Upper Confidence Limit, Col Pct	53.87	68.40	27.15	—
Total	Weighted Frequency	478.68	2.91	7.11	488.70
	Row Percent	—	—	—	—
	Column Percent	100.00	100.00	100.00	—
	95% Lower Confidence Limit, Col Pct	—	—	—	—
	95% Upper Confidence Limit, Col Pct	—	—	—	—

Row percent indicates the percentage of responses in the primary language group.
 Column percent indicates the percentage of the primary language group that gave the response.
 Weighted Frequency Missing = 1789.25. P-value from chi-square test. p=0.0253

Appendix B. Unweighted frequencies

2.1. Do you have one person you think of as a personal health care provider?

Response	Frequency
Yes, only one	1531
More than one	230
No	491
Does not know	18
Total	2270

Frequency Missing = 8.

2.2. In past 6 months, did you need medical care but not get it?

Response	Frequency
Yes	506
No	1736
Does not know	26
Total	2268

Frequency Missing = 10.

2.3. Where do you usually receive medical care?

Response	Frequency
A hospital-based clinic	262
A hospital emergency room	90
A private doctor's office or clinic	872
A public health clinic, community health center or tribal health clinic	806
An urgent care clinic	32
Does not know	96
Some other type of place	105
Total	2263

Frequency Missing = 15.

2.4. In past 6 months, how often did you get an appointment for health care as soon as you wanted?

Response	Frequency
Never	146
Sometimes	446
Usually	628
Always	914
Didn't have an appointment	107
Does not know	23
Total	2264

Frequency Missing = 14.

4.1. Have you smoked at least 100 cigarettes in your entire life?

Response	Frequency
Yes	1188
No	1027
Does not know	18
Total	2233

Frequency Missing = 45.

4.2. Do you now smoke cigarettes every day, some days, or not at all?

Response	Frequency
Every day	512
Some days	241
Not at all	430
Does not know	2
Total	1185

Frequency Missing = 1093.

4.3. On the average, about how many cigarettes a day do you now smoke?

Response	Frequency
Half a pack or less	270
More than half a pack up to one pack	201
More than one pack up to two packs	27
More than two packs	3
Does not know	9
Total	510

Frequency Missing = 1768.

4.4. On the average, when you smoked during the past 30 days, about how many cigarettes did you smoke a day?

Response	Frequency
Half a pack or less	214
More than half a pack up to one pack	9
More than one pack up to two packs	4
More than two packs	1
Does not know	13
Total	241

Frequency Missing = 2037.

4.5. During the past 12 months, have you quit smoking for 1 day or longer?

Response	Frequency
Yes	532
No	218
Does not know	3
Total	753

Frequency Missing = 1525.

4.6. The last time you tried to quit smoking, did you use the nicotine patch, nicotine gum, or any other medication to help you quit?

Response	Frequency
Yes	152
No	379
Does not know	1
Total	532

Frequency Missing = 1746.

4.7. The last time you tried to quit smoking, did you use any other assistance such as classes or counseling?

Response	Frequency
Yes	36
No	492
Does not know	2
Total	530

Frequency Missing = 1748.

4.8. On the days that you smoke, how soon after you awake in the morning do you usually smoke your first cigarette?

Response	Frequency
0 up to 15 minutes	243
15 up to 30 minutes	79
30 up to 60 minutes	118
60 up to 120 minutes	120
More than 120 minutes	164
Does not know	25
Total	749

Frequency Missing = 1529.

4.9. About how long has it been since you last smoked cigarettes regularly, that is, daily?

Response	Frequency
0 to 1 month ago	17
1 to 3 months ago	19
3 to 6 months ago	22
6 to 12 months ago	29
1 to 5 years ago	120
5 to 15 years ago	129
15 or more years ago	87
Does not know	6
Total	429

Frequency Missing = 1849.

4.10. Thinking of when you successfully quit smoking, please tell me the single most important reason you had for quitting.

Response	Frequency
Concern about my future health	32
Concern about my health at the time	91
Concern for the health of those around me (secondhand smoke)	8
Cost of cigarettes	7
Doctor advised me to quit	4
Does not know	4
It isn't the thing to do anymore	6
Laws restricting smoking	1
Other (SPECIFY)	15
Pregnancy	25
Pressure from family and friends	13
Workplace smoking policy	1
Total	207

Frequency Missing = 2071.

4.11. When you quit smoking the last time, did you use the nicotine patch, nicotine gum, or any other medication to help you quit?

Response	Frequency
Yes	42
No	164
Total	206

Frequency Missing = 2072.

4.12. When you quit smoking, did you use any other assistance such as classes or counseling?

Response	Frequency
Yes	10
No	195
Does not know	1
Total	206

Frequency Missing = 2072.

4.13. At your last visit to your health care provider, did someone ask you if you smoked, either by questionnaire or in person?

Response	Frequency
Yes	1542
No	620
Total	2162

Frequency Missing = 116.

4.14. At your last visit to your health care provider, were you advised to quit smoking?

Response	Frequency
Yes	458
No	269
Total	727

Frequency Missing = 1551.

4.15. Has a doctor or other health professional ever advised you to quit smoking?

Response	Frequency
Yes	174
No	111
Total	285

Frequency Missing = 1993.

4.16. When was the last time a health care professional advised you to quit smoking?

Response	Frequency
1 to 12 months	76
1 to 3 years	48
3 or more years ago	35
Total	159

Frequency Missing = 2119.

4.17. At your last visit to your health care provider, were you offered recommendations or assistance on how to quit smoking?

Response	Frequency
Yes	314
No	418
Total	732

Frequency Missing = 1546.

4.18. If you were trying to quit smoking, how helpful do you think it would be to use any type of nicotine replacement products, or quit smoking medications like nicotine patch, gum, nasal spray, inhaler or Zyban?

Response	Frequency
Very helpful	200
Somewhat helpful	178
Not very helpful	61
Not helpful at all	200
Does not know	102
Total	741

Frequency Missing = 1537.

4.19. If you were trying to quit smoking, how helpful do you think it would be to take part in a smoking cessation program such as classes or counseling?

Response	Frequency
Very helpful	145
Somewhat helpful	182
Not very helpful	101
Not helpful at all	222
Does not know	89
Total	739

Frequency Missing = 1539.

4.20. Are you seriously considering stopping smoking within the next 6 months?

Response	Frequency
Yes	447
No	229
Does not know	61
Total	737

Frequency Missing = 1541.

4.21. Are you planning to stop within the next 30 days?

Response	Frequency
Yes	206
No	201
Does not know	39
Total	446

Frequency Missing = 1832.

4.22. Does your health insurance coverage pay for the cost of any quit smoking medications, products, or programs?

Response	Frequency
Yes	222
No	160
Does not know	314
Total	696

Frequency Missing = 1582.

4.23A. Which of the following does your health insurance coverage pay for? Any type of nicotine replacement products, or quit smoking medications like nicotine patches, gum, nasal sprays, inhalers, or Zyban.

Response	Frequency
Yes	190
No	23
Does not know	321
Total	534

Frequency Missing = 1744.

4.23B. Which of the following does your health insurance coverage pay for? A quit smoking class or group.

Response	Frequency
Yes	84
No	59
Does not know	391
Total	534

Frequency Missing = 1744.

4.23C. Which of the following does your health insurance coverage pay for? Telephone counseling to help you quit smoking.

Response	Frequency
Yes	59
No	81
Does not know	394
Total	534

Frequency Missing = 1744.

4.24. Have you ever heard about the Oregon Tobacco Quit Line?

Response	Frequency
Yes	370
No	348
Total	718

Frequency Missing = 1560.

4.25. Have you ever called the Oregon Tobacco Quit Line?

Response	Frequency
Yes	57
No	313
Total	370

Frequency Missing = 1908.

6.1. Have you ever been told by a doctor, nurse, or other health professional that you had asthma?

Response	Frequency
Yes	517
No	1654
Does not know	4
Total	2175

Frequency Missing = 103.

6.2. Do you still have asthma?

Response	Frequency
Yes	368
No	125
Does not know	24
Total	517

Frequency Missing = 1761.

6.3. How old were you when you were first told by a doctor, nurse, or other health professional that you had asthma?

Response	Frequency
0-5 years	52
6-12 years	60
13-17 years	32
18-24 years	43
25-34 years	61
35-44 years	47
45-54 years	33
55-64 years	7
Total	335

Frequency Missing = 1943.

6.4. During the past 12 months, how many times did you visit an emergency room or urgent care center because of your asthma?

Response	Frequency
None	259
Once	46
Twice to five times	45
Six or more times	14
Total	364

Frequency Missing = 1914.

6.5. During the past 12 months, how many times did you see a doctor, nurse, or other health professional for urgent treatment of worsening asthma symptoms?

Response	Frequency
None	223
Once	41
Twice to five times	66
Six or more times	24
Total	354

Frequency Missing = 1924.

6.6. During the past 12 months, how many times did you see a doctor, nurse, or other health professional for routine treatment or evaluation of asthma?

Response	Frequency
None	152
Once	70
Two or more times	131
Total	353

Frequency Missing = 1925.

6.7. During the past 4 weeks, how often did you have any symptoms of asthma?

Response	Frequency
Not at any time	55
Less than once a week	49
Once or twice a week	83
More than 2 times a week, but not every day	48
Every day, but not all the time	81
Or every day, all the time	45
Does not know	7
Total	368

Frequency Missing = 1910.

6.8. During the past 4 weeks, how many days did symptoms of asthma make it difficult for you to stay asleep?

Response	Frequency
None	101
One or two days	69
Three or four days	41
Five days	12
Six to ten days	27
More than ten days	42
Does not know	21
Total	313

Frequency Missing = 1965.

6.9. Did your doctor, nurse, or other healthcare provider ever give you information on how to avoid the things that make your asthma worse?

Response	Frequency
Yes	268
No	89
Total	357

Frequency Missing = 1921.

6.10. Did your doctor, nurse, or other healthcare provider ever explain how to recognize the early signs of an asthma episode?

Response	Frequency
Yes	243
No	113
Total	356

Frequency Missing = 1922.

6.11. Have you been given written directions by a doctor, nurse, or other healthcare provider about how to take your asthma medicine?

Response	Frequency
Yes	315
No	51
Total	366

Frequency Missing = 1912.

6.12. During the last 3 months, how many days of work, school, or other daily activities did you miss because of asthma?

Response	Frequency
Seven days or less	321
Eight to 14 days	6
15 days or more	22
Does not know	17
Total	366

Frequency Missing = 1912.

6.13. During the last 3 months, how much did you limit your usual activities because of your asthma?

Response	Frequency
Not at all	136
A little bit	93
Moderately	56
Quite a bit	47
Could not do my regular daily activities	26
Does not know	8
Total	366

Frequency Missing = 1912.

7.1. Have you ever been told by a doctor, nurse, or other health professional that you have diabetes?

Response	Frequency
Yes	286
Yes but female told only during pregnancy	43
No	1792
No, pre-diabetes or borderline diabetes	43
Does not know	7
Total	2171

Frequency Missing = 107.

7.2. How old were you when you were told you have diabetes?

Response	Frequency
18 or under	25
19–29	37
30–49	137
50–64	67
Does not know	19
Total	285

Frequency Missing = 1993.

7.3. Are you now taking insulin?

Response	Frequency
Yes	103
No	182
Total	285

Frequency Missing = 1993.

7.4. Are you taking pills to treat your diabetes?

Response	Frequency
Yes	198
No	86
Total	284

Frequency Missing = 1994.

7.5. About how often do you check your blood for glucose or sugar?

Response	Frequency
Less than once a day	37
More than once a day	148
Never	32
Once a day	58
Total	275

Frequency Missing = 2003.

7.6. About how often do you check your feet for any sores or irritations?

Response	Frequency
More than once a day	35
Once a day	154
Less than once a day	52
Never	29
Total	270

Frequency Missing = 2008.

7.7. About how many times in the past 12 months have you seen a doctor, nurse, or other health professional for your diabetes?

Response	Frequency
None	25
Once	27
Two or three times	61
Four or more times	155
Total	268

Frequency Missing = 2010.

7.8. About how many times in the past 12 months has a doctor, nurse, or other health professional checked you for A1c?

Response	Frequency
None	22
Once	44
Two or three times	95
Four or more times	61
Total	222

Frequency Missing = 2056.

7.9. During the past 12 months, did a doctor, nurse, or other health professional test the feeling in your feet or lower legs by touching you with something and asking if you could feel it?

Response	Frequency
Yes	232
No	48
Total	280

Frequency Missing = 1998.

7.10. When was the last time you had an eye exam in which the pupils were dilated?

Response	Frequency
0 up to 1 month ago	75
1 up to 12 months ago	115
1 up to 2 years ago	43
2 or more years ago	32
Does not apply	15
Total	280

Frequency Missing = 1998.

7.11. Have you ever attended any formal diabetes education session, either classes or one-on-one training with a diabetes educator?

Response	Frequency
Yes	205
No	76
Total	281

Frequency Missing = 1997.

7.12. When was the last time you had this formal diabetes education session?

Response	Frequency
0 up to 1 month ago	39
1 up to 12 months ago	56
1 up to 2 years ago	33
2 or more years	74
Total	202

Frequency Missing = 2076.

7.13. Over the last 12 months, how difficult has it been for you to take medications as prescribed?

Response	Frequency
Not at all difficult	181
Slightly difficult	54
Somewhat difficult	14
Very difficult	6
Extremely difficult	4
Does not apply	17
Total	276

Frequency Missing = 2002.

7.14. Over the last 12 months, how difficult has it been for you to get physical activity regularly?

Response	Frequency
Not at all difficult	75
Slightly difficult	55
Somewhat difficult	61
Very difficult	57
Extremely difficult	24
Does not apply	2
Total	274

Frequency Missing = 2004.

7.15. Over the last 12 months, how difficult has it been for you to follow your recommended eating plan?

Response	Frequency
Not at all difficult	87
Slightly difficult	60
Somewhat difficult	66
Very difficult	36
Extremely difficult	15
Does not apply	11
Total	275

Frequency Missing = 2003.

7.16. Over the last 12 months, how difficult has it been for you to check your blood for sugar?

Response	Frequency
Not at all difficult	189
Slightly difficult	39
Somewhat difficult	21
Very difficult	9
Extremely difficult	9
Does not apply	10
Total	277

Frequency Missing = 2001.

7.17. Over the last 12 months, how difficult has it been for you to check your feet for wounds or sores?

Response	Frequency
Not at all difficult	222
Slightly difficult	21
Somewhat difficult	17
Very difficult	8
Extremely difficult	6
Does not apply	4
Total	278

Frequency Missing = 2000.

7.18. Has a doctor, nurse, or other health professional explained or shown you how to care for your feet?

Response	Frequency
Yes and understood completely	192
Yes but are still confused	12
No one has explained this	68
Total	272

Frequency Missing = 2006.

7.19. Has a doctor, nurse or other health professional explained or shown you how and when to test your blood glucose?

Response	Frequency
Yes and understood completely	229
Yes but are still confused	16
No one has explained this	31
Total	276

Frequency Missing = 2002.

7.20. Has a doctor, nurse or other health professional explained or shown to you how to adjust your food choices to help you manage your blood glucose level?

Response	Frequency
Yes and understood completely	196
Yes but are still confused	42
No one has explained this	37
Total	275

Frequency Missing = 2003.

7.21. Has a doctor, nurse or other health professional explained or shown to you how to get appropriate physical activity?

Response	Frequency
Yes and understood completely	188
Yes but are still confused	20
No one has explained this	62
Total	270

Frequency Missing = 2008.

7.22. Has a doctor, nurse, or other health professional explained or shown you how to take your medications?

Response	Frequency
Yes and understood completely	242
Yes but are still confused	6
No one has explained this	27
Total	275

Frequency Missing = 2005.

7.23. Has a doctor, nurse or other health professional explained to you about the long-term consequences of diabetes, for example eye problems, foot ulcers, or heart attack?

Response	Frequency
Yes and understood completely	241
Yes but are still confused	13
No one has explained this	19
Total	273

Frequency Missing = 2005.

7.24. Do you have a parent or sibling, related by blood, who has or did have diabetes?

Response	Frequency
Yes	885
No	1199
No, I am adopted	20
Total	2104

Frequency Missing = 174.

8.1. How long has it been since you last visited a dentist or a dental clinic for any reason?

Response	Frequency
0 up to 1 year ago	1136
1 up to 2 years ago	408
2 up to 5 years ago	313
5 or more years ago	239
Does not know	33
Never	26
Total	2155

Frequency Missing = 123.

8.2. How many of your permanent teeth have been removed because of tooth decay or gum disease?

Response	Frequency
None	982
1 to 5	685
6 or more but not all	271
All	147
Does not know	67
Total	2152

Frequency Missing = 126.

8.3. How long has it been since you had your teeth cleaned by a dentist or dental hygienist?

Response	Frequency
0 up to 1 year ago	891
1 up to 2 years ago	399
2 up to 5 years ago	342
5 or more years ago	255
Does not know	46
Never	47
Total	1980

Frequency Missing = 298.

10.3. What is the highest grade or year of school you have completed?

Response	Frequency
Never	26
Elementary	184
Some high school	354
High school graduate	806
Some college or technical school	567
College graduate	202
Total	2139

Frequency Missing = 139.

10.5. During the past 12 months, has your household been without telephone service for 1 week or more?

Response	Frequency
Yes	237
No	1888
Does not know	19
Total	2144

Frequency Missing = 134.

11.2. Have you ever had a mammogram?

Response	Frequency
Yes	703
No	733
Does not know	7
Total	1443

Frequency Missing = 835.

11.3. How many years has it been since you had your last mammogram?

Response	Frequency
0 up to 1 year ago	402
1 up to 2 years ago	130
2 up to 3 years ago	51
3 up to 5 years ago	52
5 or more years ago	54
Does not know	12
Total	701

Frequency Missing = 1577.

11.4. Have you ever had a clinical breast exam?

Response	Frequency
Yes	1260
No	175
Does not know	6
Total	1441

Frequency Missing = 837.

11.5. How many years has it been since you had your last breast exam?

Response	Frequency
0 up to 1 year ago	876
1 up to 2 years ago	195
2 up to 3 years ago	71
3 up to 5 years ago	43
5 or more years ago	53
Does not know	22
Total	1260

Frequency Missing = 1018.

11.6. Have you ever had a Pap test?

Response	Frequency
Yes	1349
No	86
Does not know	5
Total	1440

Frequency Missing = 838.

11.7. How many years has it been since you had your last Pap test?

Response	Frequency
0 up to 1 year ago	923
1 up to 2 years ago	198
2 up to 3 years ago	63
3 up to 5 years ago	47
5 or more years ago	93
Does not know	23
Total	1347

Frequency Missing = 931.

15.1a. Has a doctor, nurse, or other health professional ever told you that you had a heart attack, also called a myocardial infarction?

Response	Frequency
Yes	109
No	2002
Total	2111

Frequency Missing = 167.

15.1b. Has a doctor, nurse, or other health professional ever told you that you had angina or coronary heart disease?

Response	Frequency
Yes	96
No	2002
Total	2098

Frequency Missing = 180.

15.1c. Has a doctor, nurse, or other health professional ever told you that you had a stroke?

Response	Frequency
Yes	96
No	2024
Total	2120

Frequency Missing = 158.

15.2a. During the past 12 months, did you visit an emergency room because of a heart attack, also called a myocardial infarction?

Response	Frequency
Yes	34
No	75
Total	109

Frequency Missing = 2169.

15.2b. During the past 12 months, did you visit an emergency room because of angina or coronary heart disease?

Response	Frequency
Yes	35
No	59
Total	94

Frequency Missing = 2184.

15.2c. During the past 12 months, did you visit an emergency room because of a stroke?

Response	Frequency
Yes	31
No	65
Total	96

Frequency Missing = 2182.

15.3. Do you take aspirin daily, or every other day, to lower your risk of heart disease, or prevent a heart attack?

Response	Frequency
Yes	369
No	933
Total	1302

Frequency Missing = 976.

15.4. Have you ever been told by a doctor, nurse, or other health professional that you have high blood pressure?

Response	Frequency
Yes	637
Yes but female told only during pregnancy	57
No	1427
Total	2121

Frequency Missing = 157.

15.5. Are you currently taking any medicine prescribed by a doctor, nurse, or other health professional for your high blood pressure?

Response	Frequency
Yes	422
No	209
Total	631

Frequency Missing = 1647.

15.6. Have you ever had your blood cholesterol checked?

Response	Frequency
Yes	1253
No	739
Total	1992

Frequency Missing = 286.

15.7. How many years has it been since you last had your blood cholesterol checked?

Response	Frequency
0 up to 1 year ago	861
1 up to 2 years ago	178
2 up to 5 years ago	119
5 or more years ago	55
Total	1213

Frequency Missing = 1065.

15.8. Have you ever been told by a doctor, nurse, or other health professional that your blood cholesterol is high?

Response	Frequency
Yes	464
No	773
Total	1237

Frequency Missing = 1041.

15.9. Are you taking any medicine prescribed by your doctor, nurse, or other health professional for your high blood cholesterol?

Response	Frequency
Yes	212
No	250
Total	462

Frequency Missing = 1816.

15.10. At your last visit, did your doctor, nurse, or other health professional tell you that your blood cholesterol level was still in a high range?

Response	Frequency
Yes	148
No	293
Total	441

Frequency Missing = 1837.

15.11. At your last visit, did a doctor, nurse, or other health professional advise to you to cut down on high fat foods to help lower your cholesterol level?

Response	Frequency
Yes	265
No	193
Total	458

Frequency Missing = 1820.

15.12. At your last visit, did a doctor, nurse, or other health professional advise you to exercise on a regular basis to help lower your cholesterol level?

Response	Frequency
Yes	278
No	184
Total	462

Frequency Missing = 1816.

Appendix C. Weighting scheme

The HRHS survey data were weighted to reflect the eligible adult OHP population from which the sample was drawn. Table C-1 displays the weights assigned to each record based on race/ethnicity, gender, and age group.

Table C-1. Weights assigned for specific demographic variables.

Race/ethnicity	Gender	Age group (BRFSS)	N (population)	n (sample)	Weight
African American	Male	19-24	180	10	0.3575
		25-34	300	26	0.2292
		35-44	403	25	0.3202
		45-54	459	36	0.2533
		55-64	254	24	0.2102
	Female	19-24	763	64	0.2368
		25-34	1073	73	0.2920
		35-44	738	58	0.2527
		45-54	616	52	0.2353
		55-64	338	39	0.1721
Asian	Male	19-24	135	6	0.4469
		25-34	232	12	0.3840
		35-44	273	6	0.9038
		45-54	238	9	0.5253
		55-64	266	6	0.8806
	Female	19-24	286	23	0.2470
		25-34	452	23	0.3904
		35-44	448	21	0.4237
		45-54	389	12	0.6439
		55-64	592	12	0.9799
Hispanic	Male	19-24	223	17	0.2606
		25-34	350	29	0.2397
		35-44	686	59	0.2310
		45-54	467	51	0.1819
		55-64	322	17	0.3762
	Female	19-24	1018	78	0.2592
		25-34	1085	87	0.2477
		35-44	843	71	0.2358
		45-54	503	53	0.1885
		55-64	439	46	0.1896

Table C-1. Weights assigned for specific demographic variables (continued).

Race/ethnicity	Gender	Age group (BRFSS)	N (population)	n (sample)	Weight
Native American	Male	19-24	116	20	0.1152
		25-34	212	30	0.1404
		35-44	246	38	0.1286
		45-54	239	47	0.1010
		55-64	141	24	0.1167
	Female	19-24	338	58	0.1158
		25-34	522	80	0.1296
		35-44	474	84	0.1121
		45-54	373	72	0.1029
		55-64	245	63	0.0772
White	Male	19-24	3384	7	9.6025
		25-34	6654	29	4.5576
		35-44	8610	30	5.7008
		45-54	9261	63	2.9199
		55-64	5741	30	3.8012
	Female	19-24	10327	54	3.7987
		25-34	15871	75	4.2033
		35-44	14136	76	3.6946
		45-54	12611	67	3.7387
		55-64	10092	63	3.1819
Other/Unknown	Male	19-24	55	13	0.0840
		25-34	66	25	0.0524
		35-44	57	14	0.0809
		45-54	67	25	0.0532
		55-64	39	17	0.0456
	Female	19-24	107	31	0.0686
		25-34	125	35	0.0709
		35-44	68	22	0.0614
		45-54	64	21	0.0605
		55-64	72	20	0.0715
Total			114684	2278	