

Nevada Latino Health Needs Assessment Report 2013

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EXECUTIVE SUMMARY

The Latino population faces unique challenges in accessing healthcare, including cultural, language, and cost barriers and, for some, undocumented immigrant status. To quantify the problem in Nevada, the Community Health Worker Program at the Nevada Division of Public and Behavioral Health administered a Latino Health Needs Assessment survey in the summer and fall of 2013 to determine the specific needs of this population. The survey consisted of 76 questions designed to gather information on general demographics, access to healthcare, chronic diseases, health screenings, health behaviors, reproductive health, mental health, and community factors. It was administered by CHWs as part of their case management activities with respondents receiving a \$25 gift card upon completion of the survey. Descriptive statistics, such as frequencies and means, were compiled for each of the survey questions.

Survey results revealed that 58% of the respondents reported an annual household income less than \$20,000; and, 63% said that they did not have healthcare coverage. High cost and lack of healthcare coverage were the two most cited reasons for not receiving health or dental care. More than one third of respondents had experienced food insecurity in the past year. However, WIC and SNAP participation was low among respondents at 22% and 19%, respectively. The most prevalent chronic diseases in the sample included hypertension (16%), high cholesterol (16%), arthritis (9%), asthma (9%), and diabetes (8%). Most participants rated their mental health as good, very good or excellent. Cancer screening rates were particularly low for blood stool test and sigmoidoscopy/colonoscopy, with 66% and 70% of respondents ages 50 and older having never received these tests, respectively. Rates of clinical breast exam and mammography were better, although 30% and 25% of female respondents (40 years and older for mammogram), respectively, had never been screened.

Overweight and obesity were prevalent among the sample, with nearly three-quarters in the overweight or obese BMI classifications. Overall, just 51% of respondents reported engaging in physical activity outside of their normal job. Alcoholism was identified by participants as a problem in the community, a result corroborated by the high rates of heavy and binge drinking behaviors among those who reported drinking alcohol in the past 30 days. Of sexually active respondents not in a monogamous relationship, 58% reported that they did not always practice safe sex. Breastfeeding rates and rates of children with up-to-date immunizations were fairly high at 77% and 94%, respectively. Some respondents reported feeling discriminated against by a doctor or healthcare provider due to language, race/ethnicity and physical appearance. One-third of respondents felt either unempowered or very unempowered to make positive changes in their community (i.e. vote, speak to a legislator, volunteer).

Major findings from the needs assessment indicated that efforts need to be made to increase the proportion of the Latino population with healthcare coverage and to connect them with affordable healthcare services. Some recommended strategies include social marketing campaigns and expanded use of CHWs to increase the visibility and enrollment in WIC and SNAP and healthcare coverage. Community health clinics or centers seem to be a key venue for providing reproductive health to the Latino population. Furthermore, with low cancer screening rates, similar efforts to increase Latinos' knowledge about the necessity of being screened and the benefits that catching cancer early could have in positive health outcomes. Alcoholism also should be addressed as a community problem in this population.

INTRODUCTION

Nevada has an increasing Latino population, now ranking fifth highest in the nation for Latinos as a percentage of the state's population (Pew Hispanic Center, 2013). Nevada's Latino population grew 66% from 2000 to 2011, compared to a 48% increase in the Latino population in the United States (Pew Hispanic Center, 2013). More than one quarter of Nevada's population is Latino (27%; U.S. Census Bureau, 2013). As the ethnic and cultural diversity of the state increases, it is evident that public health in Nevada needs to change its approaches and outreach methods to keep pace with the changing population and reach these culturally distinct groups.

As a state, Nevada performs poorly in many health rankings related to access to care, including lack of insurance and geographic disparity, and ranks 38th out of 50 states overall in health ranking (America's Health Rankings, 2013). Another challenge in Nevada is the high number of residents who do not have health insurance, which contributes to the inability of the population to access healthcare. The state ranks 49th in the nation for healthcare insurance coverage in the population (America's Health Rankings, 2013). Nearly half of Latinos in Nevada (46%) are without healthcare coverage, highlighting the particular need of this population (CDC, 2012).

Latinos face disproportionately higher rates of obesity, hypertension, and diabetes compared to other ethnic groups in the United States (Aponte, 2013; Sánchez et al., 2014; Spanakis & Golden, 2013; Taveras, Gillman, Kleinman, Rich-Edwards, & Rifas-Shiman, 2013). Many of these disparities may result from childhood risk factors, as well as acculturation after immigrating to the United States (Albrecht & Gordon-Larsen, 2013; Dinwiddie, Zambrana, & Garza, 2013; Lara, Gamboa, Kahramanian, Morales, & Bautista, 2005). The population also has a higher prevalence of HIV and AIDS resulting from unsafe sexual practices (An, Prejean, & Hall, 2012; Grossman, Purcell, Rotheram-Borus, & Veniegas, n.d.). These health behaviors may arise from lack of health literacy in the community.

Latinas in the United States also have lower rates of breast cancer detection, treatment, and follow-up than other groups in the country (Molina, Thompson, Espinoza, & Ceballos, 2013). Cultural and situational factors, such as gender role expectations and racial discrimination, leave Latinos more at risk for poor mental health, but the population often has limited access to mental health resources (López, Barrio, Kopelowicz, & Vega, 2012; Tran et al., 2013). In addition to these health disparities, the Latino population also is subject to other adversities, such as disparities in income, insurance coverage, and education level (Juckett, 2013; Polk, Carter-Pokras, Dover, & Cheng, 2013). With the highest uninsured rates of any racial or ethnic group in the United States, nearly one third of uninsured people in the United States are Latino (Pew Hispanic Center, 2013).

In addition to a lack of health insurance, there are many other reasons for Latinos' reduced access to care. One of the biggest reasons is the language barrier that exists between many Latinos and their healthcare providers. Of households in the United States that speak a language other than English, 13% of them spoke only Spanish and 7% of them spoke English less than "very well" (Livingston, Minushkin, & Cohn, 2009). When looking specifically at Nevada, those percentages increase to 28% who spoke only Spanish and 13% who spoke English less than "very well." For these households with low English proficiency, it can be difficult to navigate the healthcare system and to find Spanish-language resources (Juckett, 2013). They may have trouble understanding their healthcare provider, which can make it impossible to properly follow the provider's advice or instructions. It can also impede the formation of a

trusting relationship between the patient and the healthcare provider when each has trouble understanding and communicating with the other.

The low educational attainment levels that are prevalent in the Latino community also contribute to their lack of access to healthcare (Livingston et al., 2009). Latinos may not know where to seek the care they need or how to obtain the information that would be helpful to them. Low educational attainment, along with communication problems brought on by the language barrier, contribute to problems in health literacy in this population. With neither the information to know how to properly care for their health nor the ability to obtain it, many Latinos remain uninformed of best practices in healthcare (Juckett, 2013; Livingston et al., 2009).

Even when those in the Latino community are able to find the care they need, it is often inappropriate for their situation. Healthcare providers may lack the cultural competence needed to adequately address the needs of Latinos (Flores, Abreu, Olivar, & Kastner, 1998; Juckett, 2013). The way they interact with the patient may be culturally inappropriate or the advice they give may not be applicable to the life or habits of the patient. The everyday realities of the patient and the healthcare provider may be completely different and they have no way of relating to each other. This disconnect, compounded by the difficulty of communication, makes it challenging for a patient and healthcare provider to develop rapport and trust.

The Latino patient may also have a mistrust of the entire healthcare system brought on by the difficulty of navigating it and the dearth of Spanish-language resources that the patient can understand. Trust is further complicated by the issue of immigration status that is pertinent to a portion of the Latino community in the United States. Because of a fear of being discovered and deported once they enter into the healthcare system, some Latinos may forgo healthcare and choose instead to attempt to treat themselves with available over-the-counter medications or home remedies, even when more serious treatment is needed (Livingston et al., 2009). These communication problems, lack of cultural competence in the healthcare system, and mistrust combine to result in a lack of access to care in the Latino population. Many in the population are not getting the healthcare they need and are not able to find the information necessary to care for their health.

The purpose of the Nevada Latino Health Needs Assessment (NLHNA) was to better understand the health needs of the Latino population in Nevada, including gaps in access to health care and information. Some key areas addressed in the needs assessment included understanding the Latino population's

- health issues,
- access to and use of health care,
- nutrition and physical activities,
- chronic disease status,
- food insecurity; and,
- tobacco, alcohol and other drug use.

It is hoped that the results of this assessment can inform further efforts in addressing the healthcare needs of the Latino population in Nevada.

METHODS

Survey

The LHNA survey was developed by the Nevada Division of Public and Behavioral Health (NDPBH) Community Health Worker Program staff, along with Dr. Elizabeth Christiansen, Director of the Center for Program Evaluation, School of Community Health Sciences at the University of Nevada, Reno. The survey consisted of a series of 76 questions designed to gather information about the individual’s health and health behaviors, access and use of health care, food insecurity, perception of their environment, and general demographic information (see Appendix A. Items were close-ended with the option for respondents to write in other responses. Items for the survey came from several existing surveys including the BRFSS, NHANES, PRAMS, and the USDA. The survey was offered in both English and Spanish. Complete frequencies for the survey items are found in Appendix B. Throughout this report, percentages may not add up to 100% due to rounding.

Procedure

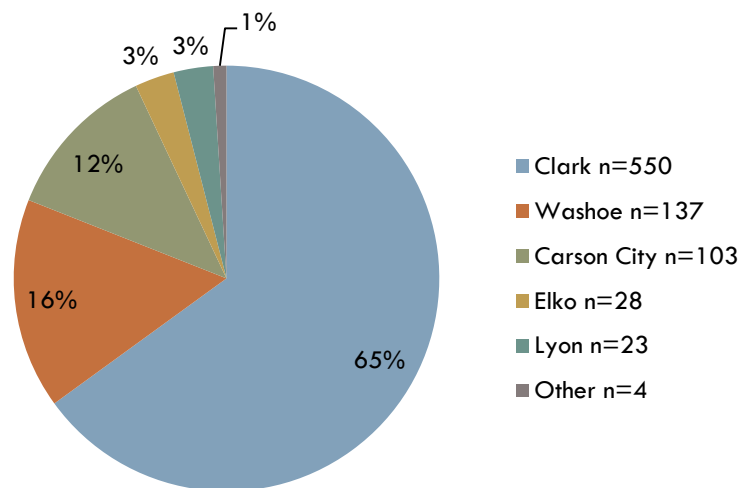
Community Health Workers (CHWs) hired through the Chronic Disease and Health Promotion’s Community Health Worker Pilot Project administered the survey in the summer and fall of 2013. The CHWs were based at six community coalitions around the state. They administered the survey to Latino respondents at a variety of venues including community centers, community events, and health fairs. Funding was available to purchase 700 \$25 gift cards for participant incentives. Funding for the incentives was distributed across the counties proportionately to the population size. The survey was available both in paper and online. When available, CHWs provided tablet computers for respondents to directly enter their responses online. Paper surveys were used when the tablets were not available.

Respondents

The survey was completed by 933 Latino respondents across the state; 27% completed it in English and 73% in Spanish. Respondents represented eight of Nevada’s 17 counties, with the majority from Clark County (65%), and the remaining from Washoe County (16%), Carson City (12%), Elko (3%), Lyon (3%), and other counties (Nye, Storey and Douglas less than 1% combined; see Figure 1).

The majority of respondents identified themselves as Mexican in origin (81%). Other Latino ethnicities represented in the sample included Salvadorians (8%); Puerto Rican (2%); Guatemalan (1%);

Figure 1. Percentage of respondents by county



Cuban (1%); and other (4%). Of the respondents who were born outside of the United States (77%), the mean number of years living in the United States was 16.5. The majority of respondents (62%) reported generally speaking Spanish at home, while 28% reported speaking both English and Spanish at home. More than half the respondents (56%) were female; and 83% of respondents identified themselves as heterosexual. Respondents ranged in age from 18 to 88 years ($M = 37.3$ years).

More than sixty percent of the respondents (58%) reported an annual household income of less than \$20,000. Twenty-seven percent of respondents were employed full time; 21% were employed part time; and, 3% reported working more than one job. Employed respondents worked an average of 33 hours per week. Of those that were employed, 17% said they worked in housekeeping, 15% worked in construction, 15% worked in a service position, 9% worked in sales, 7% worked in a managerial or administrative position, and 7% worked in a restaurant or as a cook or waiter. More than half of the employed respondents (52%) had been working at their current job for at least two years. The majority of the sample had completed at least high school or GED (67%). Nearly half (45%) of the respondents were married, while 29% reported being single. More than half of the respondents (56%) were primary caregivers for an average of 2.4 children.

58% had an annual household income of less than \$20,000.

Table 1. Respondent Education and Marital Status

Highest level of Education Completed N=882			Marital Status N=888		
	#	%		#	%
No formal education	38	4%	Married	398	45%
Elementary	147	17%	In a domestic partnership	66	7%
Middle School	108	12%	Living with significant other/ partner	55	6%
High School or GED	367	41%	Single	259	29%
Some College or Technical School	191	21%	Divorced	44	5%
Bachelor's Degree	35	4%	Widowed	15	2%
Master's Degree	4	0.4%	Separated	46	5%
Above a Master's degree	1	0.1%	Other	5	1%

Limitations

There are some limitations to the survey that may affect the results or the way that the results can be applied or interpreted. One such limitation is the use of a convenience sample. Respondents were recruited by CHWs at health fairs, community centers, CHW events, and through case management. The composition of the audience at such events and venues may have biased the resulting sample population, which skewed young and slightly female. It also may have captured a disproportionate number of low-income individuals and individuals with poor health, as many of the events were targeted towards these populations. This should be kept in mind when interpreting data related to these issues.

Sampling may also have been affected by the fact that multiple members from one family were included in the survey, though this was not the intention of the survey creators. Similarly, participants were recruited

through snowball sampling utilizing word-of-mouth from previous participants. This sampling methodology may result in some health or social issue becoming over-represented in the results while others are under-represented. Families, friends, and acquaintances may share similar problems and by recruiting from the same social circle, these particular problems may become over-represented.

Another limitation of the survey is its length. It was a long survey and required a significant time commitment of 30-45 minutes. As such, respondents may not have gotten tired or frustrated, leading to incorrect or missing answers. Compounding this problem is the fact that not all surveys were administered in-person by a CHW to respondents as was intended by the creators. In the field, with many people waiting to take the survey, it was simpler to allow one respondent to answer on the CHW's tablet and to allow the other respondents to fill out paper versions of the survey so that multiple surveys could be administered at once. This negated the ability of the CHW to guide the respondent through the survey and did not allow for probing questions to be asked to aid in recall and keep respondent survey interest high.

Though there are some limitations to this survey, it provides a broad view of the state of Latino health in Nevada today, data that has never been available in this form before. The results of this survey will be informative for public health and medical professionals in allocating resources to the right places and targeting the right problems among Latinos. Repeating the survey will trend data for the Nevada Latino population over time. This survey provides a strong initial step to improving Latino health in Nevada.

KEY FINDINGS

Overall Health, Mental Health and Chronic Disease and Mental Health

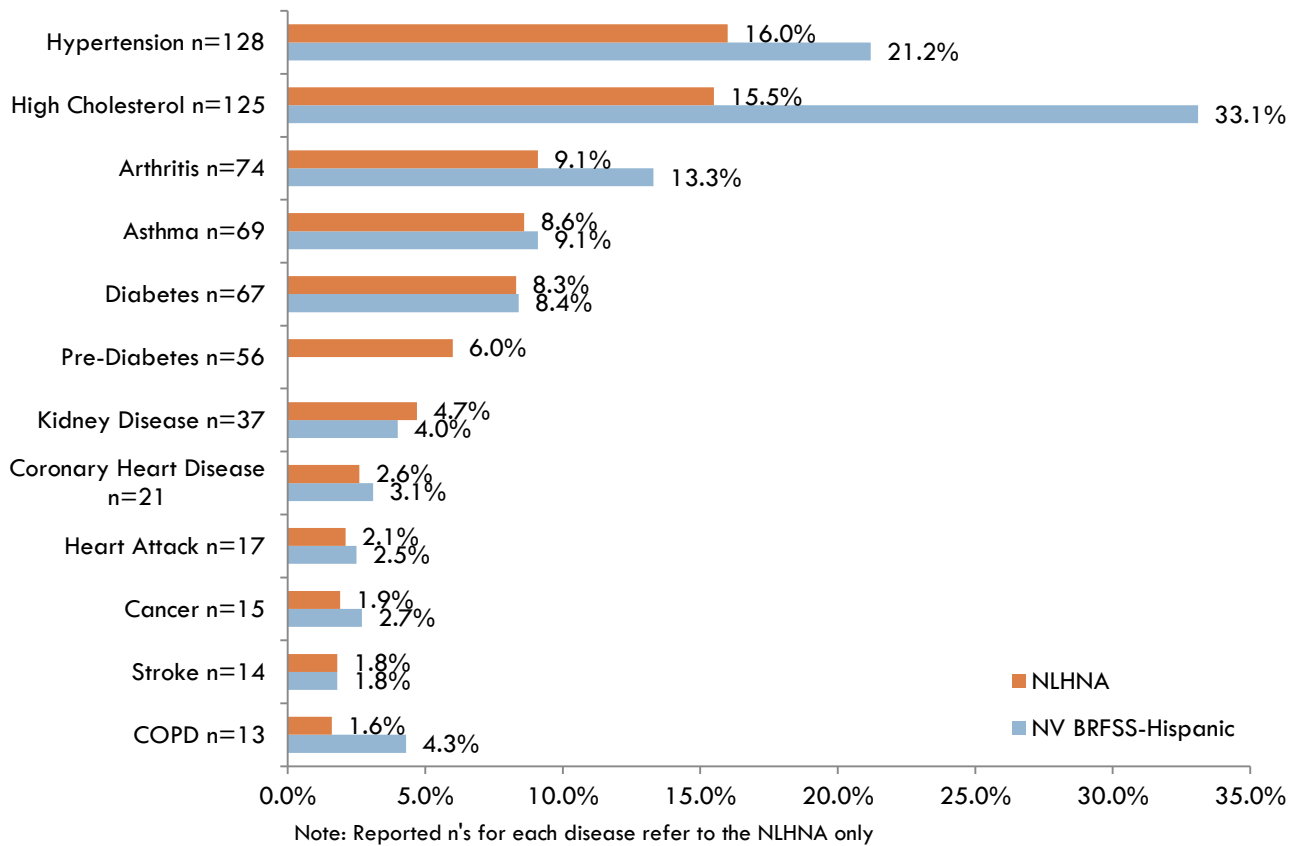
Respondents rated their current overall health and mental health on scales from 1 = Excellent to 5 = Poor. Participants rated their mental health better than their overall health. Most participants (82%) rated their mental health as good, very good or excellent, while 62% rated their overall health as good, very good, or excellent. Rural and Washoe County respondents rated their mental health better than Clark County respondents did. Rural respondents also rated their physical health better than Clark County respondents.

Among the NLHNA respondents, hypertension (16%) and high cholesterol (16%) were the most prevalent chronic diseases reported, followed by arthritis (9%) asthma (9%), and diabetes (8%; see Figure 2). Compared to the Nevada BRFSS data for Hispanics,

NLHNA respondents had a lower prevalence of hypertension, high cholesterol, arthritis, and COPD (CDC, 2012). Prevalence of asthma, diabetes, kidney disease, coronary heart disease, heart attack, cancer, stroke, was similar for both surveys. Prevalence of chronic disease did not differ significantly by county.

The most prevalent chronic diseases reported were hypertension (16%) and high cholesterol (16%).

Figure 2. Prevalence of Chronic Disease

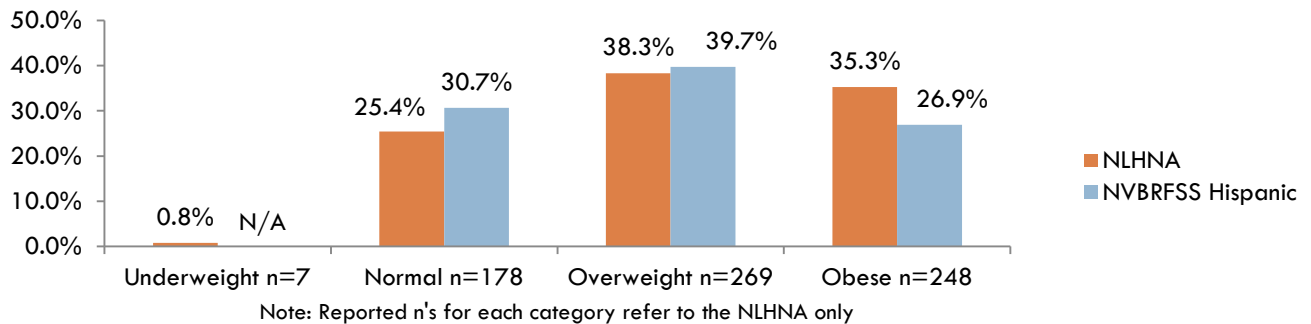


Health Behavior

Weight Status, Nutrition and Physical Activity

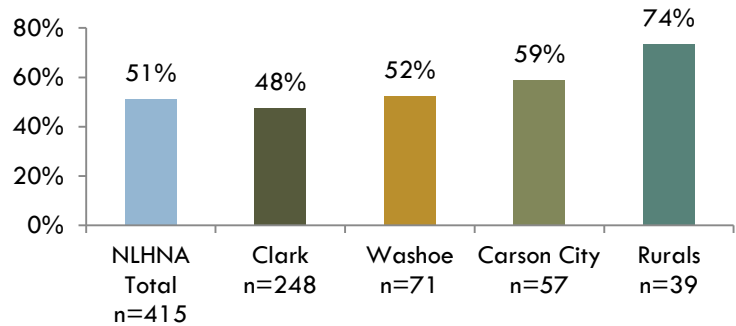
Body Mass Index (BMI) was calculated from height and weight information provided by respondents. The majority of respondents (74%) fell into the overweight (BMI of 25-29.9) or obese (BMI of 30 and higher) BMI weight classifications. Mean BMI for the sample was 28.8, which is within the overweight range (25-29.9). Compared to the Nevada BRFSS Hispanic sample, a higher percentage of NLHNA respondents were in the obese weight classification (see Figure 3; CDC, 2012).

Figure 3. Weight classification by Body Mass Index



Half the respondents (51%) reported participating in physical activity or exercises, outside of their normal job, within the past month. Physically active respondents reported doing so an average of 4.8 times a week for an average of 51 minutes each time. A higher percentage of respondents from rural counties (74%) reported participating in physical activity than in the other counties (see Figure 4). However, physically active respondents in Washoe and Carson City were active more

Figure 4. Percentage engaging in physical activity by county



times per week than the physically active respondents in Clark or the rural counties. Respondents were asked if it was difficult for them to exercise, to which 36% responded affirmatively. *I am too tired* and *I do not have enough time* were the two barriers selected most frequently by respondents who found it difficult to exercise (see Table 2).

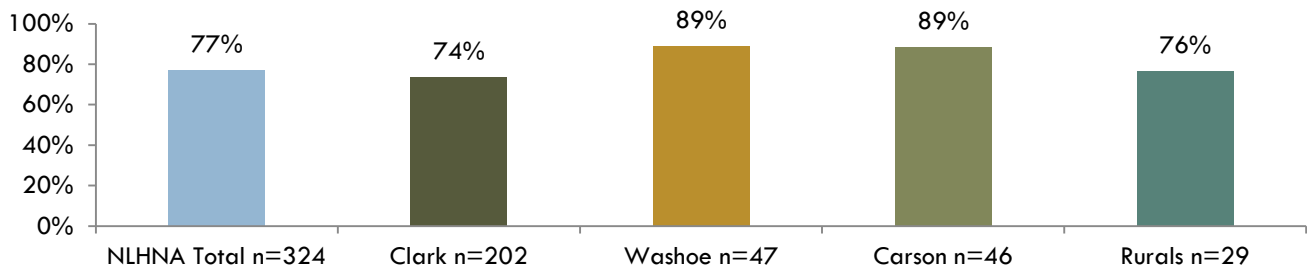
In the past month, respondents ate fruit an average of 4.7 times a week and vegetables an average of 4.3 times a week. Respondents in rural counties ate fruit and vegetables more frequently than respondents in Clark and Washoe counties. Respondents ate meals prepared away from home an average of 2.3 times per week. Washoe County respondents ate meals away from home more frequently (mean of 3.1 times per week) than did respondents in the other counties (Means in other counties ranged from 1.9 to 2.2 times per week). With respect to healthy eating, 25% of respondents said they found it difficult to eat healthy foods. The most frequently mentioned barriers to healthy eating were *healthy foods cost too much* and *I do not know how to prepare healthy food*.

Table 2. Perceived Barriers to Exercise and Healthy Eating

Barriers to Exercise	#	%	Barriers to Healthy Eating	#	%
I am too tired.	150	64.9%	Healthy foods cost too much.	119	67.6%
I do not have enough time.	135	57.2%	I do not know how to prepare healthy foods.	102	56.7%
The weather makes it difficult.	77	38.7%	I do not have enough time.	77	49.4%
My health is too poor.	75	34.4%	I do not like many healthy foods	64	43.8%
It costs too much.	62	30.4%	My family members do not want to eat healthy foods.	56	39.2%
I do not have a safe place to exercise.	56	28.3%			

Breastfeeding rates were fairly high in this sample, with 77% of mothers reporting breastfeeding or pumping breast milk to feed their babies. Breastfeeding rates were significantly higher in Washoe and Carson City counties than in Clark or the rural counties (see Figure 5). This is similar to the 79.1% of Nevadan mothers who ever breastfed found in the Centers for Disease Control and Prevention National Immunization Survey (CDC, 2013a).

Figure 5. Breastfeeding rates by county



Sexual and Reproductive Health

Three quarters of the sample (76%) reported being sexually active in the past year. Of those, 82% were in a monogamous relationship; and, 36% reported always practicing safe sex. Of the sexually active respondents not in monogamous relationships, 58% reported that they do not always practice safe sex. The mean number of sexual partners in the past year was 2.9. Of the female respondents, 25% reported using birth control (defined as the pill, the shot, the patch, IUDs, etc.). Community health clinics or health centers (22%) were the most frequently reported sources of reproductive health information (see Table 3). However, 15% wrote in other responses indicating that they had no source of reproductive health information. More than half the respondents knew where to go if they needed an HIV test, while 14% had an HIV test in the past six months.

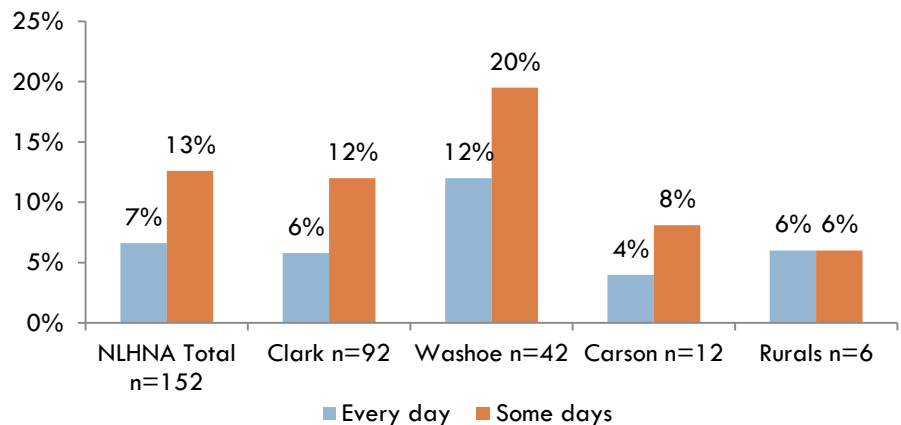
Table 3. Sources of Reproductive Health Information

Source	#	%
Private gynecologist's office	120	12.9%
Private family doctor's office	116	12.4%
Planned Parenthood	33	3.5%
County health department clinic	134	14.4%
Other community health clinic or health center	206	22.1%
Other: Nowhere/do not receive reproductive health information	139	14.8%

Alcohol, Tobacco and Drug Use

Tobacco Use. Tobacco products were used every day by 7% of the respondents. While most employed respondents (68%) did not report exposure to secondhand smoke in their workplace during the past week, 32% were exposed to secondhand smoke at work from one to five or more days a week. At home, 12% of respondents were exposed to secondhand smoke from one to seven days a week. Six percent of respondents

Figure 6. Tobacco use by county



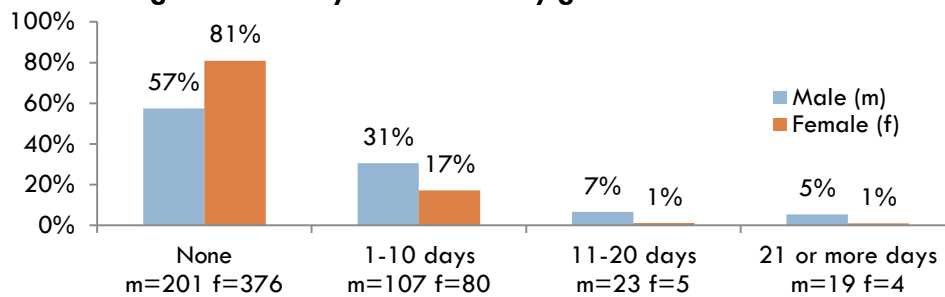
with children at home reported that children were exposed to secondhand smoke at their home from one to seven days a week. Tobacco use was significantly higher among Washoe County respondents than those from the other counties (see Figure 6).

Table 4. Hard Drinking and Binge Drinking Behavior in Past 30 Days

Number of drinks per day N=244			Number of times drank five or more drinks in two hours N=250		
1 drink	60	24.6%	none	161	64.4%
2 drinks	76	31.1%	1-10 days	69	27.6%
3-4 drinks	69	28.3%	11-20 days	11	4.4%
5 or more drinks	39	16.0%	21 or more days	9	3.6%

Alcohol Use. The majority of the respondents (71%) had not drunk an alcoholic beverage in the past 30 days. Twenty-nine percent had at least one drink in the past 30 days, which is lower than the 48% of Hispanics who reported doing so in the Nevada BRFSS (CDC, 2012). Male respondents were more likely to drink alcohol than female respondents (see Figure 7), with 43% of males reporting having at least one drink in the past 30 days, compared to 19% of female respondents. Clark County

Figure 7. 30-day alcohol use by gender



respondents were significantly less likely to have had a drink in the past 30 days than respondents from the other counties. Three quarters (75%) of those who reported drinking in the past 30 days indicated they drank two or more drinks on average on the days they drank (see Table 4). More than half of the male respondents who drank alcohol (52%) reported drinking three or more drinks each time, compared to 30% of female respondents who drank that quantity. Thirty-six percent of the drinkers reported drinking five or more drinks in two hours from one to 21 or more days in the past 30 days. More respondents from Washoe and Carson City reported binge drinking than respondents from Clark County and the rural counties. **Drug Use.** Reported recreational or street drug use was low, with 3% using in the past 30 days. Marijuana was the drug most frequently used (2%).

Social Determinants of Health

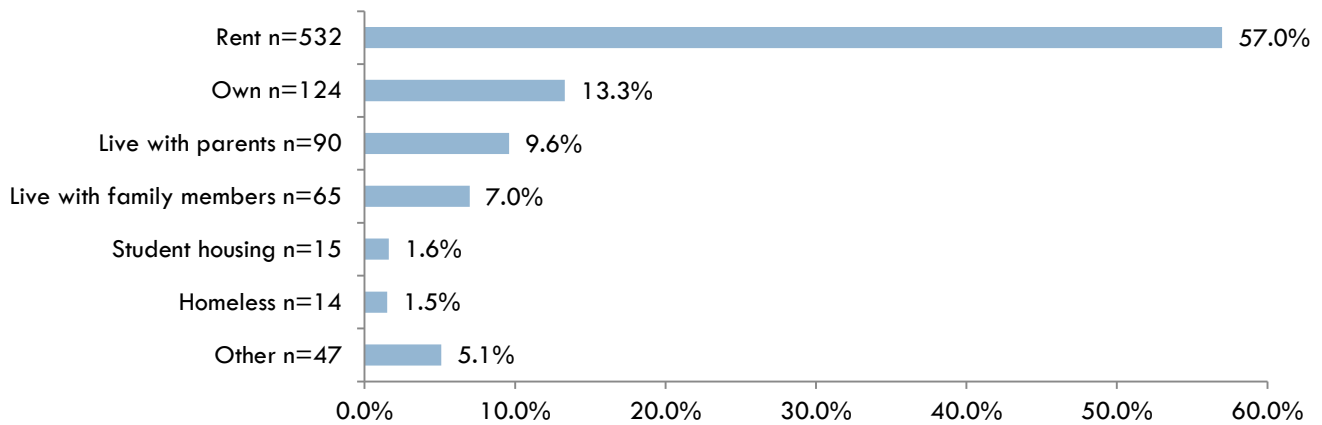
Economic Stability

Income levels for the respondents were quite low, with 32% earning less than \$10,000 per year, and only 13% earning \$40,000 a year or more (see Table 5). Respondents were asked to rate their current living conditions on a scale from 1 = Excellent to 5 = Poor. While the majority (63%) perceived their living conditions to be *good*, *very good* or *excellent*, 37% rated them as *fair* or *poor*. Home ownership was rare among the respondents, with just 13% owning a home (see Figure 8). The average number of household members was 4.4.

Table 5. Annual Household Income

Income N=882	#	%
Less than \$9,999	229	32%
\$10,000-\$19,999	181	26%
\$20,000-\$29,999	128	18%
\$30,000-\$39,999	81	11%
\$40,000-\$49,999	34	5%
\$50,000-\$59,999	25	4%
\$60,000-\$74,999	16	2%
\$75,000-\$99,999	10	1%
\$100,000 or more	7	1%

Figure 8. Living Arrangements



Food Insecurity

Some food insecurity issues were evident among the respondents. More than one third of respondents (37%) had cut the size of their own or their family’s meals in the past year because there was not enough money for food. At some point in the past year, 17% of respondents or other adults in their household had not eaten for a whole day because there wasn’t enough money for food. Children did not eat for a whole day at least once in the past year in 7% of respondent households. Food insecurity was an issue for a higher percentage of Clark County respondents than for those in other counties. WIC recipients made up 22% of the respondent sample, while 19% were SNAP recipients. WIC and SNAP participation were similar across counties.

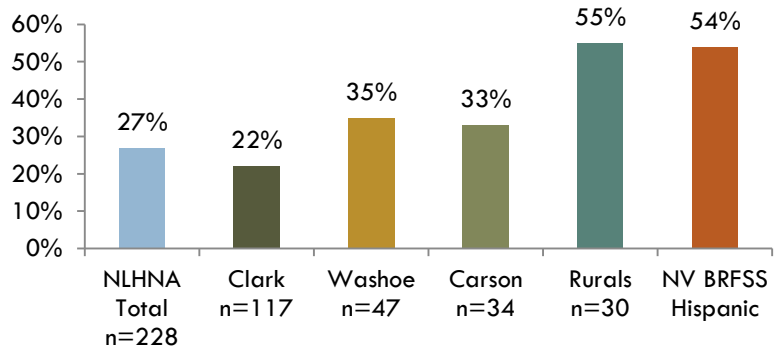
37% had cut the size of meals in the past year due to lack of money for food.

Health and Health Care

Healthcare coverage and access

Healthcare coverage rates were low among respondents, with just 27% reporting having any kind of healthcare coverage. Hispanics in the Nevada BRFSS data reported higher levels off coverage (54%) than the NLHNA respondents overall (see Figure 9; CDC, 2012). Among the counties, the lowest percentage of coverage was found among Clark county respondents (22%), while the highest percentage covered was in the rural counties combined (55%). Of those with healthcare coverage, the most frequently reported source was from their employer (49%) or their spouse’s employer (17%). Cost was the most common reason respondents gave for no having healthcare coverage, followed by ineligibility due to citizenship/immigration status (see Table 6).

Figure 9. Healthcare Coverage by county



Sixty-two percent of respondents had a place they usually went to when they were sick or needed advice about their health. In Washoe, Carson City and the rural counties, the percentage of respondents with a usual healthcare place was higher, ranging from 70% to 87% (see Figure 10). For nearly half of those respondents (48%), a community clinic or health center was their usual place to go, followed by a doctor’s office (27%; see Table 7). The main reason given for not having a usual place to go when they were sick or needed health advice was lack of healthcare coverage (50%; see Table 8). Traveling by car, either driving themselves (49%) or being driven by a family member (15%) was the most frequently mentioned mode of transportation to see healthcare providers. Other respondents took public transportation (16%) or walk (9%). It took less than an hour to travel to healthcare provider appointments for 76% of respondents who reported having a healthcare provider. Twenty-two percent of all respondents reported not having a healthcare provider.

Table 7. Places Usually Go to When Sick or Need Health Advice

Place N=554	#	%
Community clinic or health center	267	48.2%
Doctor's office	152	27.4%
Hospital emergency room	62	11.2%
Urgent care center	47	8.5%
Alternative care practice	12	2.2%
Other	14	2.5%

Respondents’ visits to a doctor for a routine checkup were more frequent than dental visits. One third of respondents had visited the doctor for a routine check-up in the past six months, compared to 20% who had seen the dentist (see Figure 11). For those who had not been to a doctor or dentist in the past year, lack of healthcare coverage (52%) or dental insurance (63%) were the most frequently selected reasons (see Figure 12). Cost was also a reason for 33% with respect to doctor visits and 39% with respect to

Table 6. Reasons for Lack of Healthcare Coverage

Reason N=595	#	%
Cost/too expensive	303	49.4%
Not eligible due to citizenship/immigration status	137	22.3%
Not eligible due to loss of job	73	11.9%
Do not know how to get healthcare coverage	44	7.2%
Family situation changed	10	1.6%
Do not believe in insurance	10	1.6%
Switched insurance companies, delay between providers	2	0.3%
Other	16	2.6%

Figure 10. Percentage with usual place to go when sick/need health advice

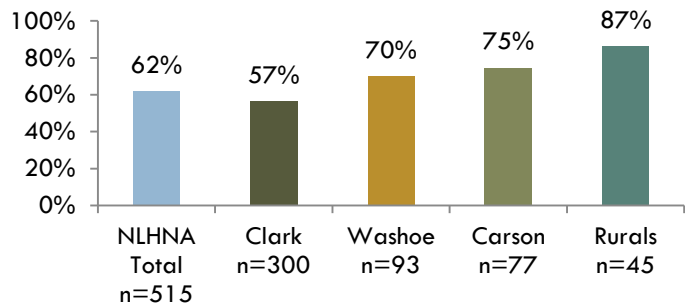


Table 8. Reasons for Lack of Place Usually Go to When Sick of Need Health Advice

Place N=302	#	%
No healthcare coverage	150	49.7%
Costs too much	76	25.2%
Not sick very often	38	12.6%
Do not know where to go for care	13	4.3%
Do not use doctors/treat myself	8	2.6%
Do not have enough time	7	2.3%
Other	10	3.3%

dental visits. Availability of providers, inability to find providers who spoke their language, and lack of providers who accept their coverage did not seem to be reasons for lack of visits for most respondents. Respondents who had received healthcare in the past year (73% of the total sample) generally found it to be of good (45%) or excellent (16%) quality. Respondents in Washoe and the rural counties tended to rate the quality of health care higher than respondents in Clark and Carson City.

Figure 11. Frequency of Doctor and Dental Visits

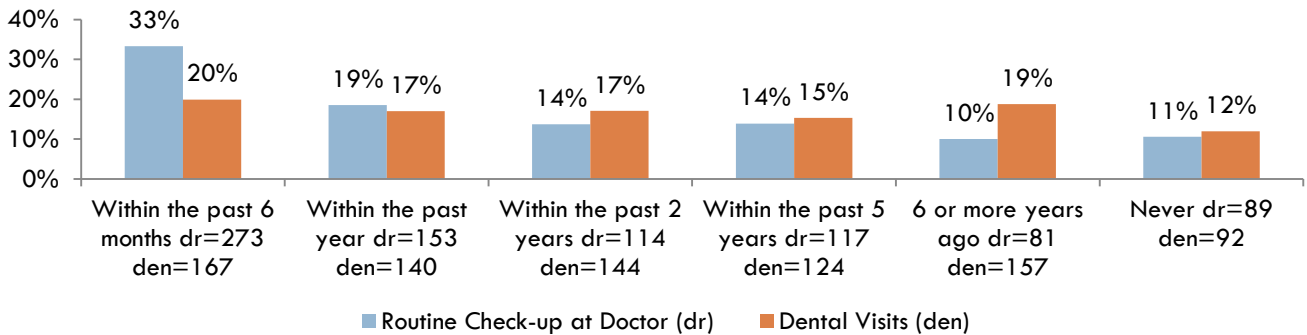
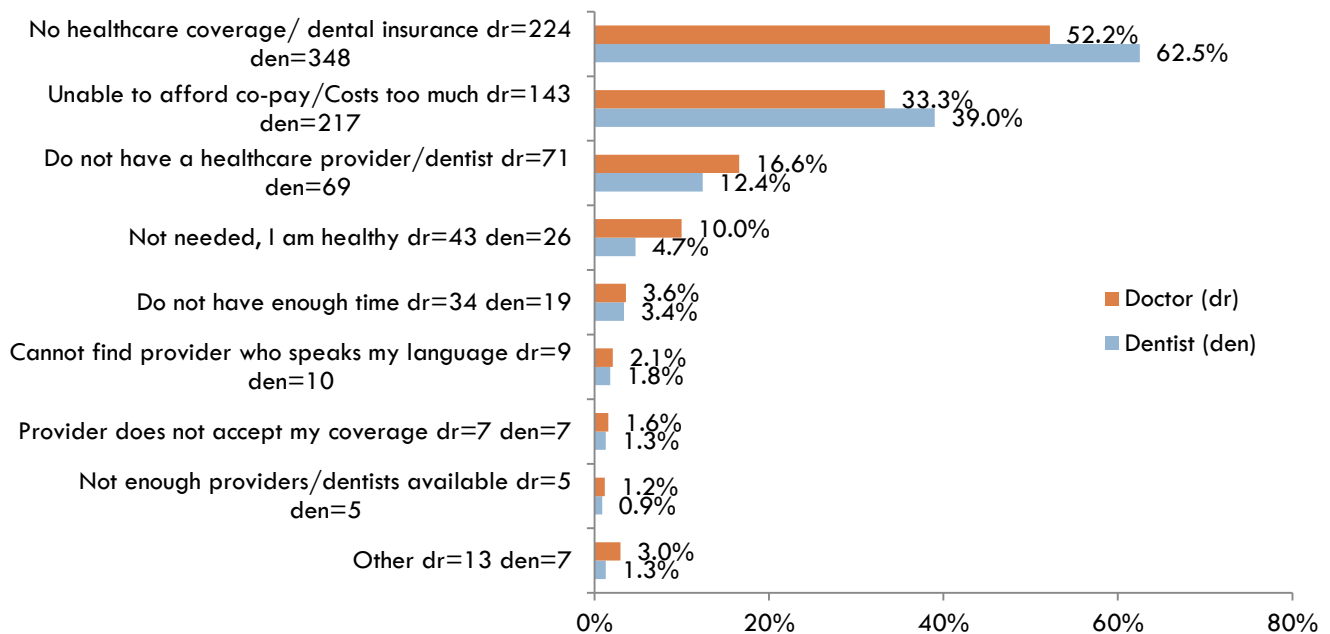


Figure 12. Reasons for Lack of Regular Doctor or Dental Visits



Of the respondents who indicated that they or an immediate family needed healthcare in the past year (58%), the majority (76%) were able to receive the needed healthcare. For those who were unable to receive the care needed, lack of healthcare coverage and cost were the most frequently selected reasons (see Table 9). The most frequently selected types of healthcare respondents reporting needing but not obtaining for themselves and for their family members were routine medical check-up, chronic health problems, and dental care (see Table 10).

Table 9. Reasons for Not Receiving Needed Health Care

Reasons N=117	Respondent		Family Member	
	#	%	#	%
No healthcare coverage	66	56.4%	49	41.9%
Unable to afford co-pay/Costs too much	62	53.0%	43	36.8%
Insurance did not cover it	26	22.2%	16	13.7%
No provider available	28	23.9%	18	15.4%
Provider did not accept my insurance or healthcare coverage	12	10.3%	12	10.3%
Could not get there/transportation issues	20	17.1%	18	15.4%
Time conflict	17	14.5%	11	9.4%

Table 10. Types of Care Needed and Not Received

Reasons N=117	Respondent		Family Member	
	#	%	#	%
Routine medical check-up	58	49.6%	36	30.8%
Chronic health problems	51	43.6%	35	29.9%
Dental care	45	38.5%	29	24.8%
OB/GYN needs	43	36.8%	17	14.5%
Non-work related illness, accident, or injury	35	29.9%	23	19.7%
Immunizations	30	25.6%	21	17.9%
Work-related illness, accident or injury	27	23.1%	15	12.8%

Of the respondents who had children, 94% reported that their children’s immunizations were all up to date. Seventy percent of respondents with children also indicated that their children had healthcare coverage, meaning that 30% did not have healthcare coverage for their children. The most common sources of their children’s healthcare coverage were Medicaid/CHIP (66%) and the respondent’s or spouse’s employer (29%).

Of the respondents (42%) who were prescribed a medication by a doctor or healthcare provider during the past year 90% were able to get the medication. For those who were unable to get the medication, cost (94%) and lack of healthcare coverage (82%) were reasons for most.

30% of respondents with children reported that their children did not have healthcare coverage.

Alternative healthcare

Respondents were asked about their alternative healthcare practices. While more than half (55%) said they practiced no alternative healthcare, the most frequently selected practice was *herbs and roots* (23%). Few respondents (15%) reported going to another country for healthcare needs. Of those who did, the most frequently mentioned country was Mexico (90%). Lower cost was the most common reason (91%) selected by respondents who had gone to another country for healthcare needs.

Frequency of exams and screenings

Respondents were asked to indicate when they had several types of exams or screenings for different conditions. Female respondents were asked about clinical breast exams, pap smears and mammograms (see Table 11). Thirty percent had never had a clinical breast exam; however, more than half (54.6%) had one within the past two years. While 14% had never had a pap smear, 72% had one in the past three years, which is similar to the 75% of Nevada Hispanic women reported doing so in the 2012 BRFSS (CDC, 2012). Rates of pap smears were similar across the counties. Of female respondents 40 years and older, more than half (51%) reported having a mammogram within the past one or two years—a lower percentage than the 61% of Hispanic women over 40 reporting that in the Nevada BRFSS and 69% of white women over 40 in the Nevada BRFSS (CDC, 2012). Seventy-four percent of female respondents 40 years and older reported having had at least one mammogram. Mammography rates were similar across the counties. The top reason for not getting any of the three exams/screenings was lack of healthcare coverage (see Table 12). The other main reasons were cost and not wanting the test.

Table 11. Frequency of clinical breast exam, pap smear and mammogram

	Clinical Breast Exam N=461		Pap Smear N=464		Mammogram (40 years and older) N=178	
Within the past year	168	36.4%	192	41.4%	52	29.2%
Within the past 2 years	84	18.2%	96	20.7%	38	21.3%
Within the past 3 years	24	5.2%	48	10.3%	14	7.9%
Within the past 5 years	28	6.1%	38	8.2%	14	7.9%
5 or more years ago	20	4.3%	25	5.4%	13	7.3%
No, never had this test before	137	29.7%	64	14.0%	47	26.4%

Table 12. Reasons for Not Getting Clinical Breast Exam, Pap Smear, or Mammogram

	Clinical Breast Exam N=137		Pap Smear N=64		Mammogram (40 years and older) N=47	
No healthcare coverage	73	53.3%	33	51.6%	23	48.9%
Unable to afford co-pay/costs too much	34	24.8%	14	21.9%	12	25.5%
Did not want test	22	16.3%	24	37.5%	4	8.5%
Has not been recommended to me by a healthcare professional	3	2.2%	1	1.6%	6	12.8%

Respondents were asked about getting a blood stool test and a sigmoidoscopy or colonoscopy. Results are reported only for respondents aged 50 and older. The majority of respondents aged 50 and older had not had either a blood stool test (66%) or sigmoidoscopy/colonoscopy (70%; see Table 13). The sigmoidoscopy/colonoscopy rate among NLHNA respondents (30%) was lower than Nevada Hispanic BRFSS rates for the same age range (42%; CDC, 2012). However, percentages having a blood stool test within the past two years were higher for the NLHNA (21%) sample than the Nevada Hispanic BRFSS (13%) sample (CDC, 2012). Higher percentages of respondents from Clark County and the rural counties had a blood stool test in the past two years than respondents from Washoe and Carson City. Washoe

county respondents were less likely to have ever had a sigmoidoscopy/colonoscopy than respondents from the other counties. The most frequently mentioned reasons given for not getting a blood stool test were that it was not recommended by a health care professional and not having healthcare coverage (see Table 14). With respect to the sigmoidoscopy/colonoscopy, top reasons for not getting it done were not having healthcare coverage, time conflict, and cost.

Table 13. Frequency of blood stool test or sigmoidoscopy/colonoscopy

Blood Stool Test (50 years and older) N=111			Sigmoidoscopy (50 years and older) N=132		
Within the past year	17	15.3%	Within the past year	13	9.8%
Within the past 2 years	6	5.4%	Within the past 2 years	10	7.6%
Within the past 3 years	4	3.6%	Within the past 3 years	4	3.0%
Within the past 5 years	4	3.6%	Within the past 5 years	9	6.8%
5 or more years ago	7	6.3%	Within the past 10 years	2	1.5%
No, never had this test before	73	65.8%	10 or more years ago	2	1.5%
			No, never had this test before	92	69.7%

Table 14. Reasons for Not Getting Blood Stool Test or Sigmoidoscopy/Colonoscopy

	Blood Stool Test (50 years and older) N=73		Sigmoidoscopy/Colonoscopy (50 years and older) N=93	
No healthcare coverage	19	26.0%	29	31.5%
Unable to afford co-pay/costs too much	7	9.6%	16	17.4%
Has not been recommended to me by a healthcare professional	32	44.0%	4	4.3%
Time conflict	0	0%	27	29.3%
Did not want test	9	12.3%	14	15.2%

Social and Community Context

When asked how empowered they felt to make positive changes in their community (i.e. vote, speak to a legislator, volunteer), 33% of respondents said they felt *unempowered* or *very unempowered* on a scale from 1 = *Very empowered* to 5 = *very unempowered*. Respondents from Clark County, Washoe County or Carson City felt significantly *less* empowered to make positive changes in their community than did rural respondents.

Sixty percent of respondents preferred to speak with their doctor or healthcare provider in Spanish. Forty-two percent of the respondents (42%) who had healthcare providers reported that theirs spoke with them in the language they prefer *sometimes, rarely or never*. Of those who responded to the question, 71% indicated that their doctor or healthcare institution provided an interpreter *sometimes, rarely or never*. Respondents were asked if they had felt discriminated against by a doctor or healthcare provider due to any of seven factors. While most respondents had not felt discriminated against, 16%

16% had felt discriminated against by a healthcare provider due to language.

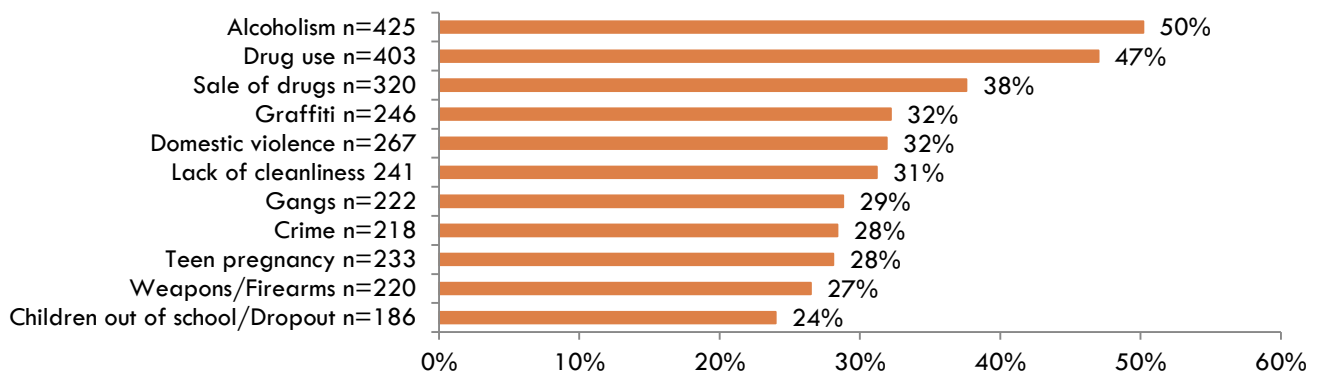
felt discrimination due to language, 14% due to race/ethnicity/nationality, and 7% due to physical appearance.

Neighborhood and Built Environment

Respondents rated the availability of fresh fruits and vegetables in their community on a scale from 1 = excellent to 5 = poor. Twenty-three percent of respondents rated the availability of fresh produce as fair or poor. Respondents from Carson City rated the availability of fruit and vegetables in their community as better than respondents in each of the other counties; while Clark County respondents had a higher mean rating than Washoe County. The majority of respondents (63%) reported feeling safe or very safe in their neighborhood; however, 12% felt unsafe or very unsafe. Clark County respondents felt significantly less safe in their neighborhoods than did Washoe County or rural county respondents.

Respondents indicated which of a list of 11 problems they felt existed in their neighborhood. From 24 to 50% of respondents reported each of the 11 problems existed in their neighborhood (see Figure 13). The most frequently mentioned problems were alcoholism (50%), drug use (47%), and the sale of drugs (38%). Compared to respondents in Washoe and rural counties, higher percentages of Clark County and Carson City County respondents reported the existence of drug use, sale of drugs, alcoholism, domestic violence, weapons, teen pregnancy, crime, gangs, graffiti, and lack of cleanliness.

Figure 13. Problems Existing in Neighborhood

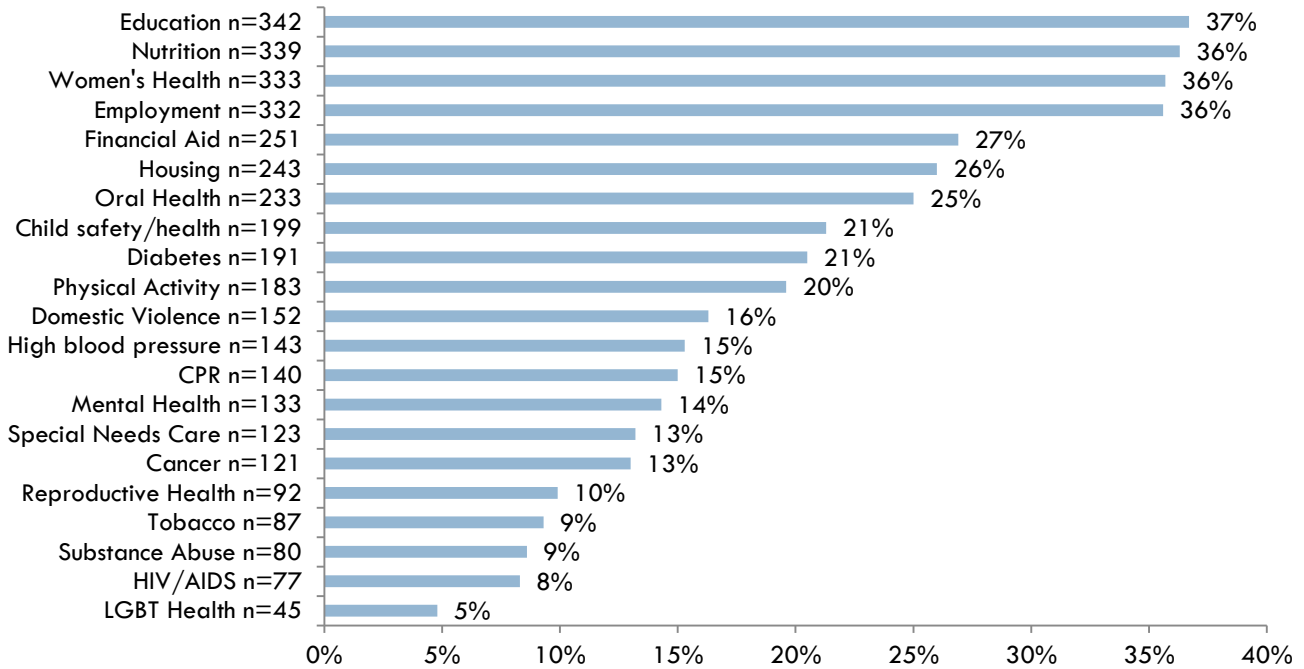


Health Information Needs and Sources

As shown in Figure 14, more than one third of respondents were particularly interested in receiving more information about several topics including education, nutrition, women’s health, and employment. More than one quarter of respondents expressed interest in receiving information about financial aid, housing, and, oral health. Carson City respondents were more interested in information on housing, nutrition, and substance abuse than respondents from other counties. Washoe County respondents were more interested in information on mental health HIV/AIDS, and cancer than respondents from other counties. Carson City and Washoe County respondents were more interested in information on physical activity and child health/safety than respondents from other counties.

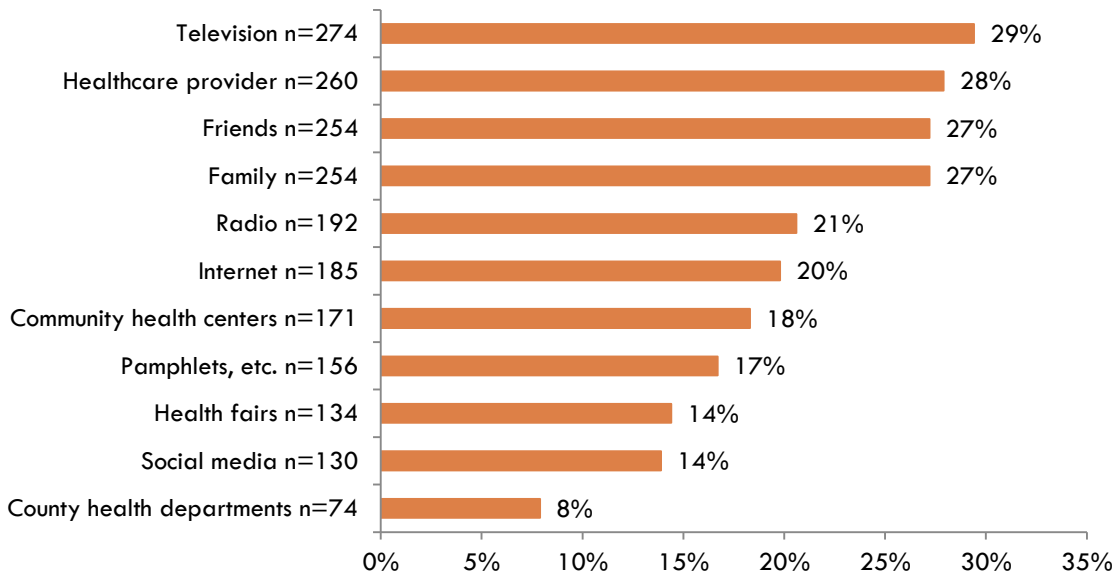
Respondents were interested in more information about education, nutrition, women’s health and employment.

Figure 14. Information Desired



More than one quarter of respondents indicated the following as their sources of health information: television, healthcare providers, friends, and family (see Figure 15). Compared to Clark County and Carson City respondents, a higher percentage of respondents from Washoe County and the rural counties reported obtaining health information from a healthcare provider and the internet. More Washoe County respondents got their health information from television and social media than respondents in other counties. A higher percentage of Clark County respondents reported getting health information from the radio than did respondents from other counties.

Figure 15. Sources of Health Information



SUMMARY AND RECOMMENDATIONS

This is the first time statewide health needs data have been collected on the Latino population in Nevada, to the knowledge of CHW program staff. This population faces many challenges in related to healthcare access and this comprehensive analysis of the gaps and needs of this population will inform the future directions of interventions and educational programs. This section summarizes the key findings of this needs assessment survey and provides some recommendations for future actions.

Economic Stability

One result of note is the high proportion (58%) of respondents with annual household incomes of less than \$20,000. This high percentage may be a result of bias in the sample, as participant recruitment occurred largely through CHW activities that involved outreach in venues or situations which targeted community members who were in need of aid, usually lower income individuals and families. Though the reported incomes of the majority of the respondents were very low, a comparatively small proportion of the respondents were enrolled in aid programs such as WIC (22%) or SNAP (19%). Since undocumented immigrants are precluded from being eligible for these programs as they do not have a social security number, this could be one explanation for low rates of enrollment in WIC and SNAP among the survey respondents. However, since the LHNA did not ask about immigration status, we cannot be certain of the extent to which undocumented immigrants in the sample explains the low participation in WIC and SNAP. More research is needed to determine the true reason for the discrepancy between the low utilization rates of WIC and SNAP and the high proportion of low-income respondents in the results.

The underutilization of programs like these speaks to a possible need for more publicity or visibility of WIC and SNAP in this population. Increased Spanish-language resources could be helpful in advertising the services of SNAP and WIC, such as a Spanish-language website or a dedicated Spanish-language phone number. CHWs could also be a good partner for assistance programs to collaborate with to increase knowledge about their services in hard-to-reach communities, such as the Latino population. Repeating the LHNA in another year would provide data on what effects CHWs are having on SNAP and WIC usage.

Access to Healthcare

Healthcare coverage was very low in this sample. Only a little over a fourth (27%) of participants had healthcare coverage of any kind. This lack of coverage is further reflected in the reasons given by participants for not accessing or being able to access healthcare, medications, services, or screenings when necessary. The two most commonly cited reasons were not having health insurance and the high cost of needed services, indicating the need for affordable healthcare in this population. It should be noted that this trend in the data may be a result of participant recruitment for the survey and may not be completely reflective of the overall Latino community in Nevada. Results from the LHNA showed 27% of the sample had an annual household income less than \$10,000, but recent Census data report that only 8% of the Latino households in Nevada have an annual income of less than \$10,000 (U.S. Census Bureau, 2012). As stated above, respondents were sampled from events and venues having an over-representation of low-income and otherwise needy individuals.

There is some inconsistency in the data regarding language preferences. Almost 60% of respondents reported that they prefer to speak to their doctor in Spanish. More than 40% of participants said that their healthcare provider always spoke to them in their preferred language. However, 71% of respondents said that translators were provided sometimes, rarely, or never at their healthcare provider's office. This indicates either a large population of doctors in Nevada who speak Spanish or inaccuracy in survey results due to incorrect answers from respondents or due to the question being difficult for respondents to understand. The results are contrary to reported language barriers in literature (Juckett, 2013; Livingston et al., 2009). Further analysis and data collection would be needed to resolve this seeming inconsistent reported data.

Cost was a leading reason for respondents' inability to access healthcare in this study. Accordingly, efforts should be made to increase healthcare coverage in the Latino population and connect them to low-cost healthcare resources. The Affordable Care Act (ACA) has begun the process of expanding health insurance coverage in this population. The push for universal healthcare coverage coincided in time with data collection for this survey, so the effects of the ACA were not able to be measured in this iteration of data collection. Similarly, immigration reform is an issue that is burgeoning on the political front in the United States. A reduction in undocumented immigrants would increase the number of Latinos eligible for government-subsidized healthcare coverage and other assistance programs. It would be beneficial to repeat the LHNA again in two or three years to measure the change in healthcare coverage and healthcare access in the Latino population after the ACA has had time to take effect its intended changes and after any immigration policy reforms have been enacted.

Cancer Screenings

Rates of cancer screenings were low among the survey respondents, particularly colorectal cancer screenings. With respect to the clinical breast exam, Pap smear, and mammogram, 30%, 14%, and 25% of self-identified female respondents (40 and older for mammogram) had never received these tests, respectively. For the blood stool test and sigmoidoscopy/colonoscopy, the rates were even lower with 66% and 70% of respondents ages 50 and older having never received these tests, respectively. These low rates should be a point of concern to public health officials as they represent a gap in cancer prevention efforts.

With the low cancer screening rates among the respondents, promotional campaigns and patient education targeted to Latinos are needed to increase knowledge about the necessity of being screened and the benefits that catching cancer early could have in positive health outcomes. Breastfeeding and childhood vaccinations are two areas that have been heavily promoted to the Latino population by public health programs in Nevada and the success of these programs can be seen in the high proportion of mothers who have initiated breastfeeding (77%) and children with all vaccinations up to date (94%). Similar campaigns could see the same improvements in cancer screening rates.

Health Behaviors and Community Factors

One problem that was identified in the Latino community was alcoholism, as 50% of respondents reported it to be a perceived neighborhood problem. This perception was corroborated by high reported rates of heavy and binge drinking among the population of respondents. Among the sample, the majority

of respondents (67%) said they did not drink in the past 30 days, but within those who did drink, 65% reported that they had two or more drinks on average on days they drank and 36% reported that they drank five or more alcoholic beverages in two hours on one or more days. These two measures are indicative of heavy drinking and binge drinking, respectively, and argue for a need to address alcohol use in the Latino community in Nevada.

Another problem identified in the community was drug use, with 47% and 38% reporting drug consumption and sale of drugs, respectively, as a perceived neighborhood problem. The identification of this as a perceived problem is contrary to reported rates of recreational drug use (3%) in the survey. It is important to note that it is highly probable that reported drug use is lower than the actual rates of drug use as respondents may be reluctant to reveal their illegal behaviors, even on an anonymous survey. It is possible that the proportion of the population using recreational drugs is, in fact, much higher and is a problem that needs to be addressed. It is beyond the ability of the data gathered in this study to determine the true number of drug users in the Latino community.

High rates of heavy drinking and binge drinking were reported in the survey sample and intervention programs may be helpful in reducing the prevalence of these behaviors. Alcoholism may be linked to other problems, such as domestic violence, which was reported by 32% of respondents as a perceived neighborhood problem. Reducing unhealthy alcohol use may also help to alleviate some of the other perceived problems, such as safety and domestic violence, experienced in the Latino community of Nevada.

Programs that empower Latinos to make positive changes would be valuable to strengthen the community and try to engage more people in community efforts. Improved access to fresh fruits and vegetables was found to be an important need for the respondents. Programs to increase the affordability and availability of produce in grocery stores and farmers markets could help encourage Latinos to eat healthier. Sexual and reproductive health seems to be an important topic to address in the community with more than half of non-monogamous sexually active respondents reporting that they do not always practice safe sex. Topics of interest to respondents included education, nutrition, women's health, and employment. Television, healthcare providers, friends, and family were respondents' top sources of health information. Community health clinics or centers were top sources of respondents' reproductive health information. Targeting these avenues and topics for future health education and promotion efforts could be a successful way to reach more Latinos in Nevada.

REFERENCES

- Albrecht, S. S., & Gordon-Larsen, P. (2013). Ethnic differences in body mass index trajectories from adolescence to adulthood: a focus on Hispanic and Asian subgroups in the United States. *PloS one*, 8(9), e72983. doi:10.1371/journal.pone.0072983
- An, Q., Prejean, J., & Hall, H. I. (2012). Racial disparity in U.S. diagnoses of acquired immune deficiency syndrome, 2000-2009. *American journal of preventive medicine*, 43(5), 461–6. doi:10.1016/j.amepre.2012.07.040
- America's Health Rankings. (2013). State Healthstats. <http://statehealthstats.americashealthrankings.org/#/country/US/2012/Overall-State-Ranking>
- Aponte, J. (2013). Prevalence of normoglycemic, prediabetic and diabetic A1c levels. *World journal of diabetes*, 4(6), 349–57. doi:10.4239/wjd.v4.i6.349
- Centers for Disease Control and Prevention (CDC). (2012). *Behavioral Risk Factor Surveillance System Survey Data*. Atlanta, Georgia: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention.
- Centers for Disease Control and Prevention. (2013a). *Breastfeeding Report Card, United States/2013*, National Center for Chronic Disease Prevention and Health Promotion, Division of Nutrition, Physical Activity, and Obesity, <http://www.cdc.gov/breastfeeding/pdf/2013breastfeedingreportcard.pdf>
- Centers for Disease Control and Prevention. (2013b). *Promoting Policy and Systems Change to Expand Employment of Community Health Workers*, http://www.cdc.gov/dhds/pubs/chw_elearning.htm
- Dinwiddie, G. Y., Zambrana, R. E., & Garza, M. A. (2013). Exploring Risk Factors in Latino Cardiovascular Disease: The Role of Education, Nativity, and Gender. *American journal of public health*. doi:10.2105/AJPH.2013.301280
- Flores, G., Abreu, M., Olivar, M. A., & Kastner, B. (1998). Access barriers to health care for Latino children. *Archives of pediatrics & adolescent medicine*, 152(11), 1119–25. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/9811291>
- Grossman, C. I., Purcell, D. W., Rotheram-Borus, M. J., & Veniegas, R. (n.d.). Opportunities for HIV combination prevention to reduce racial and ethnic health disparities. *The American psychologist*, 68(4), 237–46. doi:10.1037/a0032711
- Juckett, G. (2013). Caring for Latino patients. *American family physician*, 87(1), 48–54. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/24326471>
- Lara, M., Gamboa, C., Kahramanian, M. I., Morales, L. S., & Bautista, D. E. H. (2005). Acculturation and Latino health in the United States: a review of the literature and its sociopolitical context. *Annual review of public health*, 26, 367–97. doi:10.1146/annurev.publhealth.26.021304.144615
- Livingston, G., Minushkin, S., & Cohn, D. (2009). Hispanics and health care in the United States: access, information, knowledge. Pew Hispanic Center, Robert Wood Johnson Foundation. <http://pewhispanic.org/files/reports/91.pdf>

- López, S. R., Barrio, C., Kopelowicz, A., & Vega, W. a. (2012). From documenting to eliminating disparities in mental health care for Latinos. *The American psychologist*, 67(7), 511–23. doi:10.1037/a0029737
- Molina, Y., Thompson, B., Espinoza, N., & Ceballos, R. (2013). Breast cancer interventions serving US-based Latinas: current approaches and directions. *Women's health (London, England)*, 9(4), 335–48; quiz 349–50. doi:10.2217/whe.13.30
- Packham, J.F., Griswold, M.T., & Marchand, C. (2013). Health Workforce in Nevada – 2013 Edition. Reno NV: Office of Health Professions Research and Policy, University of Nevada School of Medicine.
- Pew Hispanic Center. (2013). *Statistical Portrait of Hispanics in the United States, 2011*. <http://www.pewhispanic.org/2013/02/15/statistical-portrait-of-hispanics-in-the-united-states-2011/#2>
- Polk, S., Carter-Pokras, O., Dover, G., & Cheng, T. L. (2013). A call to improve the health and healthcare of Latino children. *The Journal of Pediatrics*, 163(5), 1240–1. doi:10.1016/j.jpeds.2013.07.033
- Sánchez, V., Cacari Stone, L., Moffett, M. L., Nguyen, P., Muhammad, M., Bruna-Lewis, S., & Urias-Chauvin, R. (2014). Process Evaluation of a Promotora de Salud Intervention for Improving Hypertension Outcomes for Latinos Living in a Rural U.S.-Mexico Border Region. *Health promotion practice*. doi:10.1177/1524839913516343
- Spanakis, E. K., & Golden, S. H. (2013). Race/ethnic difference in diabetes and diabetic complications. *Current diabetes reports*, 13(6), 814–23. doi:10.1007/s11892-013-0421-9
- Taveras, E. M., Gillman, M. W., Kleinman, K. P., Rich-Edwards, J. W., & Rifas-Shiman, S. L. (2013). Reducing racial/ethnic disparities in childhood obesity: the role of early life risk factors. *JAMA pediatrics*, 167(8), 731–8. doi:10.1001/jamapediatrics.2013.85
- Tran, A. N., Ornelas, I. J., Kim, M., Perez, G., Green, M., Lyn, M. J., & Corbie-Smith, G. (2013). Results From a Pilot Promotora Program to Reduce Depression and Stress Among Immigrant Latinas. *Health promotion practice*. doi:10.1177/1524839913511635
- U.S. Census Bureau. (2012). HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2012 INFLATION-ADJUSTED DOLLARS) (HISPANIC OR LATINO HOUSEHOLDER). American Fact Finder. http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_12_1YR_B19001&prodType=table

APPENDIX A: LATINO HEALTH NEEDS ASSESSMENT SURVEY

Latino Health Needs Assessment Survey

Purpose: This is a study conducted by the Nevada Division of Public and Behavioral Health as part of the Community Health Worker program. This survey intends to collect information from Latinos across the state of Nevada to better understand their health needs. Your participation in this survey is voluntary. The survey will ask you a series of questions about access to healthcare, chronic diseases, mental and reproductive health, and your community. It will take approximately 20-25 minutes to complete.

Benefits of this Survey: You will be contributing to the knowledge of the health needs of the Latino community in Nevada, allowing public health professionals and healthcare providers to better serve the community.

Participation is voluntary: No risks or discomforts are anticipated from taking part in this study. If you feel uncomfortable with a question, you can skip that question or stop the survey altogether.

Confidentiality: Your responses will be kept completely confidential. No identifying information will be collected as part of this survey.

Findings: The findings of this study are projected to be available in December 2013. If you have concerns or questions about this study, please contact the Nevada Division of Public and Behavioral Health through Edith Duarte, the Community Health Worker program coordinator, at eduarte@health.nv.gov or at 775-684-5834. By beginning the survey, you acknowledge that you have read this information and agree to participate in this research, with the knowledge that you are free to skip questions you are uncomfortable with or withdraw your participation at any time without penalty. Thank you for taking the time to answer these questions.

1. Are you of Hispanic or Latino origin or descent?

- Yes [GO to 1a] No [This is the end of the survey.]

1a. Please specify Hispanic or Latino origin. Choose all that apply.

- Mexican, Mexican American, Chicano Salvadorian
 Puerto Rican Other Hispanic/Latino origin (please specify): _____
 Cuban Mixed Latino Ethnicity (please specify): _____

2. In general, how would you rate your overall health?

- Excellent Very good Good Fair Poor

3. Do you have any kind of healthcare coverage, including health insurance, prepaid plans such as HMOs, programs such as Access to Healthcare, or government plans such as Medicare or Indian Health Services?

- Yes [GO to 3a] No [GO to 3b] Do not know/Not sure [GO to 4]

3a. [IF YES] From which of the following do you obtain your healthcare coverage? Choose all that apply.

- From your employer Medicare
 From your spouse or partner's employer Access to Healthcare
 From your parents' employer Do not know
 Insurance you purchased Other (please specify): _____
 Medicaid

3b. [IF NO] What is the one main reason you do not have any healthcare coverage? Choose all that apply.

- Cost/too expensive Do not know how to get health care coverage
 Not eligible due to loss of job Switched insurance companies, delay between providers
 Not eligible due to citizenship/ immigration status Do not believe in insurance
 Family situation changed Other (please specify): _____

4. Is there a place that you USUALLY go to when you are sick or need advice about your health? Choose one.

- Yes [GO to 4a.] No [GO to 4b.] Do not know [GO to 5.]

4a. [IF YES]. What kind of place do you usually go when you are sick or need advice about your health? Choose one.

- Community clinic or health center Urgent care center
 Doctor's office Alternative care practice
 Hospital emergency room Other (please specify): _____

4b. [IF NO]. What is the ONE main reason you do not have a place that you usually go to when you are sick or need advice about your health? Choose one.

- No health insurance Cannot find provider who speaks my language
 Costs too much Do not use doctors/treat myself
 Not sick very often Do not have transportation
 Recently moved to area Do not have enough time
 Do not know where to go for care Other (please specify): _____

5. How do you normally travel to see your healthcare provider? Choose all that apply.

- Drive myself Take public transportation Do not have healthcare provider
 Walk Have a friend/family member drive me Other (please specify): _____

6. How long does it take you to travel to your healthcare provider? Choose one.

- Less than 1 hour 1 to 2 hours More than 2 hours Do not have a healthcare provider

7. About how long has it been since you last visited a doctor for a routine checkup? A routine checkup is a general physical exam, not an exam for a specific injury, illness, or condition. Choose one.

- Within the past 6 months [GO to 8]
 Within the past 2 years [Go to 7a]
 6 or more years ago [Go to 7a]
 Within the past year [GO to 8]
 Within the past 5 years [Go to 7a]
 Never had a routine check-up [Go to 7a]

7a. What are the main reasons you do not receive regular physical examinations? Choose all that apply.

- No healthcare coverage
 Healthcare provider does not accept my insurance or healthcare coverage
 Unable to afford co-pay/Costs too much
 Not needed, I am healthy
 Cannot find healthcare provider who speaks my language
 Do not have enough time
 There are not enough healthcare providers available
 Insurance does not cover routine physical exams
 I do not have a healthcare provider
 Other (please specify): _____

8. How long has it been since you last visited a dentist or a dental clinic for any reason? (Include visits to dental specialists, such as orthodontists). Choose one.

- Within the past 6 months [GO to 9]
 Within the past 2 years [Go to 8a]
 6 or more years ago [Go to 8a]
 Within the past year [GO to 9]
 Within the past 5 years [Go to 8a]
 Never had a routine check-up [Go to 8a]

8a. What are the main reasons you do not visit the dentist regularly? Choose all that apply.

- No dental insurance
 Cannot find dentist who speaks my language
 Unable to afford co-pay/Costs too much
 There are not enough dentists available
 Not needed
 I do not have a dentist
 Do not have enough time
 Other (please specify): _____
 Dentist does not accept my insurance or coverage

9. Have you or an immediate family member needed any type of healthcare in the past year?

- Yes [GO to 9a]
 No [GO to 10]
 Do not know [GO to 10]
9a. Were you or they able to receive the needed healthcare?
 Yes [GO to 10]
 No [GO to 9b]
 Do not know [GO to 10]

9b. [IF NO] Why could you or they not receive the needed healthcare?				
Reason	You		Family Member	
	Yes	No	Yes	No
No healthcare coverage	Yes	No	Yes	No
Unable to afford co-pay/Cost too much	Yes	No	Yes	No
Insurance did not cover it	Yes	No	Yes	No
No healthcare provider available	Yes	No	Yes	No
Provider did not accept my insurance or healthcare coverage	Yes	No	Yes	No
Could not get there/Transportation issues	Yes	No	Yes	No
Time conflict	Yes	No	Yes	No
Other (please specify):	Yes	No	Yes	No

9c. What type of healthcare did you or they need and were unable to receive?

Type	You		Family Member	
	Yes	No	Yes	No
1 Routine medical checkup	Yes	No	Yes	No
2 Immunizations	Yes	No	Yes	No
3 OB/GYN needs	Yes	No	Yes	No
4 Non-work-related illness, accident, or injury	Yes	No	Yes	No
5 Work-related illness, accident, or injury	Yes	No	Yes	No
6 Chronic health problem (ex. diabetes, arthritis, or high blood pressure)	Yes	No	Yes	No
7 Dental care	Yes	No	Yes	No
8 Other medical care	Yes	No	Yes	No

10. During the past year, were you prescribed a medication by a doctor or other healthcare provider?

- Yes [GO to 10a] No [GO to 11] Do not know [GO to 11]

10a. [IF YES] Were you able to get the medication?

- Yes [GO to 11] No [GO to 10b] Do not know [GO to 11]

10b. Why were you unable to get the medication? Choose all that apply.

- No healthcare coverage Did not want to take medicine
 Unable to afford co-pay/cost too much Could not get to pharmacy/ Transportation issues
 Pharmacy did not accept my insurance or coverage Other (please specify): _____

11. Overall, how would you rate the quality of healthcare that you have received in the past year?

- Excellent Good Fair Poor Did not receive healthcare in the past year

12. What types of alternative healthcare do you practice? Choose all that apply.

- Acupuncture Curanderos/Healers Massage therapists None
 Herbs and roots Sweat lodges Talking Circles Other (please specify): _____

13. Have you ever gone to another country for your healthcare needs?

- Yes [GO to 13a.] No [GO to 14]

13a. [IF YES] What country did you go to for your healthcare needs? _____

13b. Why did you go another country for your healthcare needs? Choose all that apply.

- It costs less Better quality care Other (specify): _____
 More healthcare providers available Healthcare providers there speaks my language

14. Are you the primary caregiver of a child less than 18 years of age? Yes [GO to 14a] No [GO to 15]

14a. How many children do you care for? _____ child(ren)

14b. Are your children's immunizations up to date?

- Yes, all of them are up to date No, none of them are up to date
 Yes, some of them are up to date Do not know

14c. Do your children have healthcare coverage? Yes [GO to 14d] No [GO to 15]

14d. From which of the following do your children obtain healthcare coverage? Choose all that apply.

- From your employer Medicaid/CHIP
 From your spouse's employer Do not know
 Insurance purchased by you Other (please specify): _____

15. Have you ever felt discriminated against by a doctor or healthcare provider due to any of the following? Choose all that apply.

	Yes	No
Age	<input type="checkbox"/>	<input type="checkbox"/>
Gender	<input type="checkbox"/>	<input type="checkbox"/>
Language	<input type="checkbox"/>	<input type="checkbox"/>
Ethnicity/race/nationality	<input type="checkbox"/>	<input type="checkbox"/>
Sexual orientation	<input type="checkbox"/>	<input type="checkbox"/>
Physical appearance	<input type="checkbox"/>	<input type="checkbox"/>
Physical disability	<input type="checkbox"/>	<input type="checkbox"/>

16. In what language do you prefer to speak with your doctor/healthcare provider?

- English Spanish Bilingual (English and Spanish) Other (please specify): _____

17. Does your healthcare provider speak with you in the language you prefer?

- Always [GO to 19] Sometimes [GO to 18] Never [GO to 18]
 Most of the time [GO to 19] Rarely [GO to 18] Do not have a healthcare provider [GO to 19]

18. How often does your doctor or healthcare institution provide an interpreter? (Not including when you bring your own interpreter)

- Always Most of the time Sometimes Rarely Never

19. What is your age? _____ years

20. What is your self-identified gender? Choose one.

- Male Female Transgender Other (please specify): _____

21. What is your sexual orientation? Choose one.

- Heterosexual Gay Lesbian Bisexual Other (please specify): _____

22. What is your highest education level completed? Choose one.

- No formal education Some College or Technical School (1-3 years at a university) Master's Degree (2-3 years of additional university education)
 Elementary (grades K-5) Bachelor's Degree (4+ years at a university) Above a Master's Degree
 Middle School (grades 6-8)
 High School (grades 9-12) or GED

23. What is your current employment status? Choose all that apply.

- Full time worker [GO to 23a] Stay at home/Homemaker [GO to 24] Retired [GO to 24]
 Part time worker [GO to 23a] Student [GO to 24] Other (please specify): _____
 More than one job [GO to 23a] Unemployed [GO to 24]

23a. [IF EMPLOYED] Please specify your type of employment. Choose all that apply.

- Executive, Administrative, and Managerial Service, Other (i.e. Casino worker, Waitress) Transportation and Material Moving (freight transportation or drivers)
 Technicians and Related Support Farming, Forestry and Fishing Handlers, Equipment Cleaners, Helpers and Laborers (Construction)
 Sales Precision Production, Craft and Repair (mechanics) Military
 Administrative Support Machine Operators, Assemblers and Inspectors Other (please specify): _____
 Service, Private Household (housekeeping)
 Service, Protective Service (police)

23b. How long have you been working at your current job? (IF more than one job, think of the job you've held the longest)

- Less than 6 months More than 2 years but less than 5 years Do not know
 More than 6 months but less than 1 year More than 5 years but less than 10 years
 More than 1 year but less than 2 years More than 10 years

23c. On average how many hours per week do you work? _____ hours

24. What are your current living arrangements?

- Rent house or apartment Student housing Homeless/do not have permanent housing
 Own house or condominium Public housing Other (please specify): _____
 Live with parents Rent cot/bed/bunk per day
 Live with family members I live outdoors (tent, car, etc.)

25. How many members are in your household? (including yourself) _____ members

26. What was your annual income from all sources in your family household last year? (This includes federal aid, public assistance, etc.)

- Less than \$9,999 \$20,000 - \$29,999 \$40,000 - \$49,999 \$60,000 - \$74,999 \$100,000 or more
 \$10,000 - \$19,999 \$30,000 - \$39,999 \$50,000 - \$59,999 \$75,000 - \$99,999 Do not know

27. How would you rate your current living conditions? (i.e. physical, electrical, plumbing)

- Excellent Very good Good Fair Poor

28. What ZIP CODE do you live in? _____

29. Were you born in the United States? Yes [GO to 31] No [GO to 30]

30. How long have you lived in the United States? _____ years

31. What language do you generally speak at home?

- English Spanish English and Spanish Other (please specify): _____

32. What is your marital status?

- Married Living with significant other/partner Divorced Separated
 In a domestic partnership Single Widowed Other, please specify: _____

33. Has a doctor or health professional ever told you that you have any of the following? Choose Yes or No for each disease.

	Yes	No		Yes	No
Arthritis	<input type="checkbox"/>	<input type="checkbox"/>	Coronary Heart Disease	<input type="checkbox"/>	<input type="checkbox"/>
Asthma	<input type="checkbox"/>	<input type="checkbox"/>	Heart Attack	<input type="checkbox"/>	<input type="checkbox"/>
Cancer	<input type="checkbox"/>	<input type="checkbox"/>	High Blood Pressure or Hypertension	<input type="checkbox"/>	<input type="checkbox"/>
Pre-diabetes	<input type="checkbox"/>	<input type="checkbox"/>	High Cholesterol	<input type="checkbox"/>	<input type="checkbox"/>
Diabetes	<input type="checkbox"/>	<input type="checkbox"/>	Stroke	<input type="checkbox"/>	<input type="checkbox"/>
Kidney Disease	<input type="checkbox"/>	<input type="checkbox"/>	Chronic Obstructive Pulmonary Disease (COPD)	<input type="checkbox"/>	<input type="checkbox"/>

34. [SELF-IDENTIFIED FEMALES ONLY] Are YOU using birth control? (The Pill, the Shot, the Patch, IUDs, etc.)

- Yes [GO to 35] No [GO to 35] Not a self-identified female [GO to 38]

35. A clinical breast exam is when a doctor, nurse, or other health professional feels the breasts for lumps. Have you ever had a clinical breast exam?

- Yes, within the past year [GO to 36] Yes, within the past 5 years [GO to 36] Do not know/ Not sure [GO to 36]
 Yes, within the past 2 years [GO to 36] Yes, 5 or more years ago [GO to 36] Not applicable [GO to 36]
 Yes, within the past 3 years [GO to 36] No, never had this test before [GO to 35a]

35a. What has prevented you from getting a clinical breast exam? Choose all that apply.

- No healthcare coverage No healthcare provider available Time conflict
 Unable to afford co-pay/cost too much Provider did not accept my insurance or healthcare coverage Did not want test
 Insurance did not cover it Could not get there/ Transportation issues Other (please specify): _____

36. A Pap test is a test for cancer of the cervix. Have you ever had a Pap test?

- Yes, within the past year [GO to 37] Yes, within the past 5 years [GO to 37] Do not know/ Not sure [GO to 37]
 Yes, within the past 2 years [GO to 37] Yes, 5 or more years ago [GO to 37] Not applicable [GO to 37]
 Yes, within the past 3 years [GO to 37] No, never had this test before [GO to 36a]

36a. What has prevented you from getting a Pap test? Choose all that apply.

- No healthcare coverage No healthcare provider available Time conflict
 Unable to afford co-pay/cost too much Provider did not accept my insurance or healthcare coverage Did not want test
 Insurance did not cover it Could not get there/ Transportation issues Other (please specify): _____

37. A mammogram is an x-ray of each breast to look for breast cancer. Have you ever had a mammogram?

- Yes, within the past year [GO to 38] Yes, within the past 5 years [GO to 38] Do not know/ Not sure [GO to 38]

- Yes, within the past 2 years [GO to 38]
 Yes, 5 or more years ago [GO to 38]
 Not applicable [GO to 38]
 Yes, within the past 3 years [GO to 38]
 No, never had this test before [GO to 37a]

37a. What has prevented you from getting a mammogram? Choose all that apply.

- No healthcare coverage
 No healthcare provider available
 Has not been recommended to me by a healthcare professional
 Unable to afford co-pay/cost too much
 Provider did not accept my insurance or healthcare coverage
 Did not want test
 Insurance did not cover it
 Could not get there/ Transportation issues
 Other (please specify): _____
 Time conflict

38. A blood stool test is a test that may use a special kit at home to determine whether the stool contains blood. Have you ever had this test using a home kit?

- Yes, within the past year [GO to 39]
 Yes, within the past 5 years [GO to 39]
 Do not know [GO to 39]
 Yes, within the past 2 years [GO to 39]
 Yes, 5 or more years ago [GO to 39]
 Yes, within the past 3 years [GO to 39]
 No, never had this test before [GO to 38a]

38a. What has prevented you from using a home kit for a blood stool test? Choose all that apply.

- No healthcare coverage
 No healthcare provider available
 Has not been recommended to me by a healthcare professional
 Unable to afford co-pay/cost too much
 Provider did not accept my insurance or healthcare coverage
 Did not want test
 Insurance did not cover it
 Could not get there/ Transportation issues
 Other (please specify): _____
 Time conflict

39. Sigmoidoscopy and colonoscopy are exams in which a tube is inserted in the rectum to view the colon for signs of cancer or other health problems. Have you ever had either of these exams?

- Yes, within the past year [GO to 40]
 Yes, within the past 5 years [GO to 40]
 No, never had this test [GO to 39a]
 Yes, within the past 2 years [GO to 40]
 Yes, within the past 10 years [GO to 40]
 Do not know [GO to 40]
 Yes, within the past 3 years [GO to 40]
 Yes, 10 or more years ago [GO to 40]

39a. What has prevented you from getting a sigmoidoscopy or colonoscopy? Choose all that apply.

- No healthcare coverage
 No healthcare provider available
 Has not been recommended to me by a healthcare professional
 Unable to afford co-pay/cost too much
 Provider did not accept my insurance or healthcare coverage
 Did not want test
 Insurance did not cover it
 Could not get there/ Transportation issues
 Other (please specify): _____
 Time conflict

40. Overall, how would you rate your body weight?

- Underweight
 Normal weight
 Overweight
 Obese
 Very obese

41. What is your height? _____ Feet _____ Inches

42. What is your current weight? _____ Pounds

43. During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?

- Yes [GO to 43a]
 No [GO to 44]

43a. How many times per week did you take part in these activities during the past month? _____ times

43b. When you took part in these activities, for how many minutes did you usually keep at it? _____ minutes

44. Is it difficult for you to exercise?

- Yes [GO to 44a]
 No [GO to 45]

44a. What makes it difficult for you to exercise?

	Yes	No		Yes	No
It costs too much.	<input type="checkbox"/>	<input type="checkbox"/>	My health is too poor.	<input type="checkbox"/>	<input type="checkbox"/>
I am too tired.	<input type="checkbox"/>	<input type="checkbox"/>	The weather makes it difficult.	<input type="checkbox"/>	<input type="checkbox"/>
I do not have enough time.	<input type="checkbox"/>	<input type="checkbox"/>	I do not have a safe place to exercise.	<input type="checkbox"/>	<input type="checkbox"/>
Other, please specify: _____					

45. [SELF-IDENTIFIED FEMALES ONLY] Did you ever breastfeed or pump breast milk to feed your new baby after delivery, even for a short period of time?

- Yes
 No, did not breastfeed
 No, have not had children
 Not a self-identified female

46. During the past month, not counting juice, how many times per week did you eat fruit? _____ times per week

47. During the past month, how many times per week did you eat vegetables that were not fried? _____ times per week

48. Overall, how would you rate the availability of fresh fruits and vegetables in your community?

- Excellent Very good Good Fair Poor

49. Is it difficult for you to eat healthy foods?

- Yes [GO to 49a] No [GO to 50]

49a. [IF YES] What makes it difficult for you to eat healthy foods?

	Yes	No		Yes	No
I do not know how to prepare healthy foods.	<input type="checkbox"/>	<input type="checkbox"/>	I do not like many healthy foods.	<input type="checkbox"/>	<input type="checkbox"/>
I do not have enough time.	<input type="checkbox"/>	<input type="checkbox"/>	My family members do not want to eat healthy foods.	<input type="checkbox"/>	<input type="checkbox"/>
Healthy foods cost too much.	<input type="checkbox"/>	<input type="checkbox"/>	Other, please specify: _____		

50. During the past week, how many meals did you eat that were prepared away from home in places such as restaurants, fast food places, food stands, or from vending machines? _____ meals

51. In the past year, did you ever cut the size of any of your own or your family's meals because there was not enough money for food? Yes No

52. In the past year did you, other adults, or the children in your household ever not eat for a whole day because there wasn't enough money for food?

	Yes	No	Do not know
You and/or other adults	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The children	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

53. In the past year, have you received benefits from WIC (the Women, Infants, and Children program)?

- Yes No Do not know

54. In the past year, have you received benefits from SNAP or Food Stamp benefits?

- Yes No Do not know

55. Do you currently use tobacco products such as cigarettes/cigars, e-cigarettes, chewing tobacco or hookah?

- Everyday Some days Not at all

56. During the past week, on how many days did you breathe the smoke at your workplace from someone other than you who was smoking tobacco?

- None Three to four days I am unemployed/ self-employed
 One to two days Five or more days Do not know/Not sure

57. Not counting decks, porches, or garages, during the past week, on how many days did someone other than you smoke tobacco inside your home while you were at home?

- None Three to four days Every day of the week
 One to two days Five to six days Do not know/Not sure

58. Not counting decks, porches, or garages, during the past week, on how many days did anyone smoke tobacco inside your home while children were present?

- None Three to four days Every day of the week Do not know/Not sure
 One to two days Five to six days I do not have children at home

59. One drink is equivalent to a 12-ounce beer, a 5-ounce glass of wine, or a drink with one shot of liquor. During the past 30 days, how many days did you have at least one drink of any alcoholic beverage such as beer, wine, a malt beverage or liquor?

- None [GO to 62] 11-20 days [GO to 60] Do not know/Not sure [GO to 60]
 1-10 days [GO to 60] 21 or more days [GO to 60]

60. One drink is equivalent to a 12-ounce beer, a 5-ounce glass of wine, or a drink with one shot of liquor. During the past 30 days, on the days when you drank, about how many drinks did you drink on average?

- One drink Three to four drinks Do not know/Not sure
 Two drinks Five or more drinks

61. During the past 30 days, how many days did you have 5 or more alcoholic beverages in 2 hours?

- None 1-10 days 11-20 days 21 or more days Do not know/Not sure

62. Have you used any recreational or street drugs in the past 30 days?

- Yes [GO to 62a] No [GO to 63]

62a. What kind or recreational or street drugs did you use? Choose all that apply.

- Marijuana (dope, grass, joint, Mary Jane, pot, reefer, weed) Inhalants (paint thinner, gasoline, spray paint, butane, propane, nitrous oxide)
 Heroin (smack, brown sugar, dope, H, China white) LSD (acid, blotter, cubes)
 Cocaine (coke, crack, blow, C, candy, rock, snow) Mescaline (peyote, cactus, mesc, buttons)
 Methamphetamine (meth, ice, crank, crystal, speed) Psilocybin (magic mushrooms, shrooms)
 MDMA (ecstasy, Adam, clarity, Eve) Other (please specify): _____

63. How would you rate your mental health at the present time? (including depression and emotional problems)

- Excellent Very good Good Fair Poor

64. In the last year, how often did you experience any of the following?

Indicator	None of the time	A little of the time	Some of the time	Most of the time	All of the time
Feel depressed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Feel anxiety	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Experience suicidal feelings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Experience feelings of isolation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

65. During the last 30 days, how often did you feel any of the following?

Indicator	None of the time	A little of the time	Some of the time	Most of the time	All of the time
So sad that nothing could cheer you up	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nervous	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Restless or fidgety	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hopeless	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Worthless	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Everything was a struggle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

66. Have you been sexually active in the last year?

- Yes [GO to 67] No [GO to 69]

67. How often did you practice safe sex? (This includes use of condoms or dental dams)

- Always Most of the time Sometimes Rarely Never

68. Are you in a monogamous relationship? (only one sexual partner in the last 6 months)

- Yes [GO to 69] No [GO to 68a]

68a. How many sexual partners have you had in the past year? _____partners

69. Where do you receive your reproductive health information? Choose all that apply.

- Private gynecologist's office Planned Parenthood Other community clinic or health center
 Private family doctor's office County health department clinic Other, please specify: _____

70. Do you know where to go if you need to get an HIV test?

- Yes No

71. Have had an HIV test in the last 6 months?

- Yes No Do not know

72. How safe do you feel in your neighborhood?

- Very safe Safe Neither safe nor unsafe Unsafe Very unsafe

73. Do you believe the following problems exist in your neighborhood?

	Yes	No	Don't know		Yes	No	Don't know
Drug consumption	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Children out of school/ dropout	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sale of drugs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Crime	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alcoholism	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Gangs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Domestic violence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Graffiti	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Weapons/ firearms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lack of cleanliness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Teen pregnancy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

74. How empowered do you feel to make positive changes in your community? (i.e. vote, speak to a legislator, volunteer)

- Very empowered
 Empowered
 Neutral
 Unempowered
 Very unempowered

75. On which of these topics would you like more information? Choose all that apply.

- | | | |
|--|---|--|
| <input type="checkbox"/> Women's health | <input type="checkbox"/> Special needs care | <input type="checkbox"/> Financial aid |
| <input type="checkbox"/> Domestic violence | <input type="checkbox"/> Employment | <input type="checkbox"/> Diabetes |
| <input type="checkbox"/> CPR | <input type="checkbox"/> Nutrition | <input type="checkbox"/> High blood pressure |
| <input type="checkbox"/> Tobacco | <input type="checkbox"/> Oral health | <input type="checkbox"/> Substance abuse |
| <input type="checkbox"/> Reproductive health (all genders) | <input type="checkbox"/> Mental health | <input type="checkbox"/> HIV/AIDS |
| <input type="checkbox"/> Housing | <input type="checkbox"/> Lesbian, gay, bisexual, and transgender health | <input type="checkbox"/> Cancer |
| <input type="checkbox"/> Education | <input type="checkbox"/> Child safety/health | <input type="checkbox"/> Physical activity |
| | | <input type="checkbox"/> Other (please specify): _____ |

76. Where do you obtain your health information? Choose all that apply.

- | | | |
|---|---|--|
| <input type="checkbox"/> Healthcare provider | <input type="checkbox"/> Radio | <input type="checkbox"/> Family |
| <input type="checkbox"/> Health fairs | <input type="checkbox"/> Social media | <input type="checkbox"/> Friends |
| <input type="checkbox"/> Pamphlets/Brochures/Fact sheets/Other literature | <input type="checkbox"/> Internet (ex. WebMD, CDC website, Mayo Clinic website) | <input type="checkbox"/> Community health centers or clinics |
| <input type="checkbox"/> Television | <input type="checkbox"/> County health departments | <input type="checkbox"/> Other (please specify): _____ |

77. Please ask the community health worker to enter your corresponding gift card Survey Number. If you are not receiving a gift card, please enter "000" instead. _____ Survey Number

APPENDIX B: COMPLETE ITEM FREQUENCIES

Latino Health Needs Assessment Results: Continuous Variables					
Question	Mean	SD	Median	Min	Max
14a. (if yes in 14) How many children do you care for?	2.422	1.303	2	1	8
19. What is your age?	37.322	13.032	36	18	88
23c. (if employed) On average how many hours per week do you work?	33.455	12.620	38	3	80
25. How many members are in your household?	4.432	1.894	4	1	11
30. (if not born in US in 29) How long have you lived in the United States? (for those not born in US)	16.468	8.516	15	0	45
41a. What is your height? (feet)	5.859	10.721	5	1	170
41b. What is your height? (inches)	5.097	6.731	5	0	160
Height in inches ((Feet*12)+Inches)	64.852	4.804	65	41	102
42. What is your current weight? (pounds)	169.031	35.931	167	65	330
43a. (if exercised in 43) How many times per week did you take part in these activities during the past month? (exercise)	5.646	5.510	4	1	30
43b. (if exercised in 43) When you took part in these activities, for how many minutes did you usually keep at it?	51.030	30.897	45	1	240
46. During the past month, not counting juice, how many times per week did you eat fruit?	4.733	3.955	4	0	37
47. During the past month, how many times per week did you eat vegetables that were not fried?	4.013	3.221	3	0	21
50. During the past week, how many meals did you eat that were prepared away from home in places such as restaurants, fast food places, food stands, or from vending machines?	2.135	2.216	2	0	15
68a. (if not in monogamous relationship in 68) How many sexual partners have you had in the past year?	2.719	2.393	1	1	11

*Under age 18 removed

Latino Health Needs Assessment Results: Categorical Variables			
Question	Answer	#	%
1. Are you of Hispanic or Latino origin or descent?	Yes	933	100%
1a. (if of Hispanic or Latino descent in 1) Please specify your Hispanic or Latino origin. Choose all that apply.	Mexican, Mexican American, Chicano	755	80.9%
	Puerto Rican	22	2.4%
	Cuban	7	0.8%
	Salvadorian	76	8.1%
	Other Hispanic/Latino origin	40	4.4%
	Mixed Latino Ethnicity	10	1.1%
2. In general, how would you rate your overall health?	Excellent	74	8.1%
	Very Good	176	19.3%
	Good	316	34.7%
	Fair	295	32.4%
	Poor	49	5.4%
	Missing	23	~
3. Do you have any kind of healthcare coverage, including health insurance, prepaid plans such as HMOs, programs such as Access to Healthcare, or government plans such as Medicare or Indian Health Services?	Yes	240	26.9%
	No	613	68.6%
	Do not know/Not sure	40	4.5%
	Missing	40	~
3a. (if have healthcare coverage in 3) From which of the following do you obtain your healthcare coverage? Choose all that apply.	From your employer	117	48.8%
	From your spouse or partner's employer	41	17.1%
	From your parents' employer	14	5.8%
	Insurance you purchased	4	1.7%
	Medicaid	24	10.0%
	Medicare	27	11.3%
	Access to Healthcare	10	4.2%
	Do not know	9	3.8%
Other	8	3.3%	
3b. (if not have healthcare coverage in 3) What is the one main reason you do not have any healthcare coverage?	Cost/too expensive	303	49.4%
	Not eligible due to loss of job	73	11.9%
	Not eligible due to citizenship/ immigration status	137	22.3%
	Family situation changed	10	1.6%
	Do not know how to get health care coverage	44	7.2%
	Switched insurance companies, delay between providers	2	0.3%
	Do not believe in insurance	10	1.6%
	Other	16	2.6%
	Missing	338	~

Question	Answer	#	%
4. Is there a place that you USUALLY go to when you are sick or need advice about your health?	Yes	543	62.1%
	No	304	34.7%
	Do not know/Not sure	28	3.2%
	Missing	58	~
4a. (if have place to go for health advice in 4) What kind of place do you usually go when you are sick or need advice about your health?	Community clinic or health center	267	48.2%
	Doctor's office	152	27.3%
	Hospital emergency room	62	11.2%
	Urgent care center	47	8.5%
	Alternative care practice	12	2.2%
	Other	14	2.5%
	Missing	384	~
4b. (if not have place to go for health advice in 4) What is the ONE main reason you do not have a place that you usually go to when you are sick or need advice about your health?	No health insurance	150	49.7%
	Costs too much	76	25.2%
	Not sick very often	38	12.6%
	Recently moved to area	4	1.3%
	Do not know where to go for care	13	4.3%
	Cannot find provider who speaks my language	0	0.0%
	Do not use doctors/treat myself	8	2.6%
	Do not have transportation	0	0.0%
	Do not have enough time	7	2.3%
	Other	6	2.0%
	Missing	634	~
5. How do you normally travel to see your healthcare provider? Choose all that apply.	Drive myself	461	49.4%
	Walk	82	8.8%
	Take public transportation	152	16.3%
	Have a friend/family member drive me	136	14.6%
	Do not have healthcare provider	138	14.3%
	Other	12	2.1%
6. How long does it take you to travel to your healthcare provider?	Less than 1 hour	520	59.6%
	1-2 hours	132	15.1%
	More than 2 hours	30	3.4%
	Do not have a healthcare provider	190	21.8%
	Missing	61	~
7. About how long has it been since you last visited a doctor for a routine checkup? A routine checkup is a general physical exam, not an exam for a specific injury, illness, or condition.	Within the past 6 months	296	33.3%
	Within the past year	165	18.5%
	Within the past 2 years	122	13.7%
	Within the past 5 years	124	13.9%
	6 or more years ago	89	10.0%
	Never had a routine check-up	94	10.6%
	Missing	43	~

Question	Answer	#	%
7a. (if have not had a physical exam in the past year in 7) What are the main reasons you do not receive regular physical examinations? Choose all that apply	No healthcare coverage	224	52.2%
	Unable to afford co-pay/Costs too much	143	33.3%
	Not needed, I am healthy	43	10.0%
	Do not have enough time	34	7.9%
	Insurance does not cover routine physical exams	13	3.0%
	Healthcare provider does not accept my insurance or healthcare coverage	7	1.6%
	Cannot find healthcare provider who speaks my language	9	2.1%
	There are not enough healthcare providers available	5	1.2%
	I do not have a healthcare provider	71	16.6%
	Other	13	3.0%
	8. How long has it been since you last visited a dentist or a dental clinic for any reason? (Include visits to dental specialists, such as orthodontists).	Within the past 6 months	176
Within the past year		150	17.0%
Within the past 2 years		151	17.1%
Within the past 5 years		135	15.3%
6 or more years ago		166	18.8%
Never had a routine check-up		105	11.9%
Missing		50	~
8a. (if not been to dentist in past year in 8) What are the main reasons you do not visit the dentist regularly? Choose all that apply.	No dental insurance	348	62.5%
	Unable to afford co-pay/Costs too much	217	39.0%
	Not needed	26	4.7%
	Do not have enough time	19	3.4%
	Dentist does not accept my insurance or coverage	7	1.3%
	Cannot find dentist who speaks my language	10	1.8%
	There are not enough dentists available	5	0.9%
	I do not have a dentist	69	12.4%
	Other	7	1.3%
9. Have you or an immediate family member needed any type of healthcare in the past year?	Yes	508	58.1%
	No	330	37.7%
	Do not know/Not sure	37	4.2%
	Missing	58	~
9a. (if needed healthcare in 9) Were you or they able to receive the needed healthcare?	Yes	360	75.5%
	No	105	22.0%
	Do not know/Not sure	12	2.5%
	Missing	456	~
9b. (if not able to receive healthcare in 9a) Why could you or they not receive the needed healthcare?			
No healthcare coverage	You	66	56.4%
	Family Member	49	41.9%
Unable to afford co-pay/Cost too much	You	62	53.0%

Question	Answer	#	%
	Family Member	43	36.8%
Insurance did not cover it	You	26	22.2%
	Family Member	16	13.7%
No healthcare provider available	You	28	23.9%
	Family Member	18	15.4%
Provider did not accept my insurance or healthcare coverage	You	12	10.3 %
	Family Member	12	10.3 %
Could not get there/Transportation issues	You	20	17.1 %
	Family Member	18	15.4 %
Time conflict	You	17	14.5 %
	Family Member	11	9.4 %
Other		3	2.6 %
9c. (if not able to receive healthcare in 9a) What type of healthcare did you or they need and were unable to receive?			
Routine medical checkup	You	58	49.6%
	Family Member	36	30.8%
Immunizations	You	30	25.6%
	Family Member	21	17.9%
OB/GYN needs	You	43	36.8%
	Family Member	17	14.5%
Non-work-related illness, accident, or injury	You	35	29.9%
	Family Member	23	19.7%
Work-related illness, accident, or injury	You	27	23.1%
	Family Member	15	12.8%
Chronic health problem (ex. diabetes, arthritis, or high blood pressure)	You	51	43.6%
	Family Member	35	29.9%
Dental care	You	45	38.5%
	Family Member	29	24.8%
Other medical care		5	4.3%
10. During the past year, were you prescribed a medication by a doctor or other healthcare provider?	Yes	363	41.5%
	No	473	54.1%
	Do not know/Not sure	39	4.5%
	Missing	58	~
10a. (if needed medication in 10) Were you able to get the medication?	Yes	307	89.5%
	No	33	9.6%
	Do not know/Not sure	3	0.9%
	Missing	590	~
10b. (if not able to get medication in 10a) Why were you unable to get the medication? Choose all that apply.	No healthcare coverage	27	81.8%
	Unable to afford co-pay/cost too much	32	93.9%
	Pharmacy did not accept my insurance or coverage	3	9.1%
	Did not want to take medicine	3	9.1%
	Could not get to pharmacy/ Transportation	0	0

Question	Answer	#	%
	issues		
	Other	0	0
11. Overall, how would you rate the quality of healthcare that you have received in the past year?	Excellent	111	16.3%
	Good	309	45.2%
	Fair	222	32.5%
	Poor	41	6.0%
	Did not receive healthcare in the past year	200	~
	Missing	50	~
12. What types of alternative healthcare do you practice? Choose all that apply.	Acupuncture	18	1.9%
	Herbs and roots	216	23.2%
	Curanderos/Healers	34	3.6%
	Sweat lodges	5	0.5%
	Massage therapists	60	6.4%
	Talking circles	10	1.1%
	None	510	55.0%
	Other	38	4.1%
13. Have you ever gone to another country for your healthcare needs?	Yes	128	14.7%
	No	741	85.3%
	Missing	64	~
13b. (if went to other country in 13) Why did you go another country for your healthcare needs? Choose all that apply.	It costs less	119	90.6%
	More healthcare providers available	17	12.5%
	Better quality care	32	25.0%
	Healthcare providers there speaks my language	22	17.2%
	Other	7	5.5%
14. Are you the primary caregiver of a child less than 18 years of age?	Yes	486	56.0%
	No	382	44.0%
	Missing	65	~
14b. (if yes in 14) Are your children's immunizations up to date?	Yes, all of them are up to date	454	93.6%
	Yes, some of them are up to date	10	2.1%
	No, none of them are up to date	10	2.1%
	Do not know	11	2.3%
	Missing	448	~
14c. (If yes in 14) Do your children have healthcare coverage?	Yes	335	70.2%
	No	142	29.8%
	Missing	456	~
14d. (if yes in 14) From which of the following do your children obtain healthcare coverage? Choose all that apply.	From your employer	52	15.5%
	From your spouse's employer	44	13.1%
	Insurance purchased by you	7	2.1%
	Medicaid/CHIP	222	66.3%
	Do not know	10	3.0%
	Other	10	3.0%

Question	Answer	#	%
15. Have you ever felt discriminated against by a doctor or healthcare provider due to any of the following? Choose all that apply.			
Age	Yes	49	6.4%
	No	720	93.6%
Gender	Yes	35	4.7%
	No	713	95.3%
Language	Yes	149	19.0%
	No	635	81.0%
Ethnicity/race/nationality	Yes	131	16.9%
	No	645	83.1%
Sexual orientation	Yes	21	2.8%
	No	719	97.2%
Physical appearance	Yes	65	8.6%
	No	694	91.4%
Physical disability	Yes	24	3.3%
	No	714	96.7%
16. In what language do you prefer to speak with your doctor/healthcare provider?	English	185	20.9%
	Spanish	529	59.6%
	Bilingual (English and Spanish)	170	19.2%
	Other	3	0.3%
	Missing	52	~
17. Does your healthcare provider speak with you in the language you prefer?	Always	355	48.2%
	Most of the time	72	9.8%
	Sometimes	194	26.3%
	Rarely	64	8.7%
	Never	52	7.1%
	Do not have a healthcare provider	126	~
	Missing	70	~
18. (if sometimes or less in 17) How often does your doctor or healthcare institution provide an interpreter? (Not including when you bring your own interpreter)	Always	38	11.8%
	Most of the time	55	17.1%
	Sometimes	110	34.3%
	Rarely	59	18.4%
	Never	59	18.4%
	Missing	612	~
20. What is your self-identified gender?	Male	384	43.5%
	Female	494	56.0%
	Transgender	2	0.2%
	Other	2	0.2%
	Missing	51	~
21. What is your sexual orientation?	Heterosexual	772	95.9%
	Gay	13	1.6%
	Lesbian	4	0.5%
	Bisexual	6	0.8%
	Other	10	1.3%
22. What is your highest education level	No formal education	38	4.3%

Question	Answer	#	%
completed?	Elementary (grades K-5)	147	16.5%
	Middle School (grades 6-8)	108	12.1%
	High School (grades 9-12) or GED	367	41.12%
	Some College or Technical School (1-3 years at a university)	191	21.4%
	Bachelor's Degree (4+ years at a university)	35	3.9%
	Master's Degree (2-3 years of additional university education)	4	0.4%
	Above a Master's Degree	1	0.1%
	Missing	42	~
23. What is your current employment status? Choose all that apply.	Full time worker	254	27.2%
	Part time worker	197	21.1%
	More than one job	24	2.6%
	Stay at home/ Homemaker	183	19.6%
	Student	61	6.5%
	Unemployed	158	16.9%
	Retired	17	1.8%
	Other	27	2.9%
23a. (if employed in 23) Please specify your type of employment. Choose all that apply.	Executive, Administrative, and Managerial	33	7.1%
	Technicians and Related Support	15	3.2%
	Sales	41	8.8%
	Administrative Support	16	3.44%
	Service, Private Household (housekeeping)	79	17.0%
	Service, Protective Service (police)	3	0.7%
	Service, Other (i.e. Casino worker, Waitress)	69	14.8%
	Farming, Forestry and Fishing	10	2.2%
	Precision Production, Craft and Repair (mechanics)	12	2.6%
	Machine Operators, Assemblers and Inspectors	21	4.5%
	Transportation and Material Moving (freight transportation or drivers)	6	1.3%
	Handlers, Equipment Cleaners, Helpers and Laborers (Construction)	70	15.1%
	Military	4	0.9%
	Other	86	18.5%
23b. (if employed in 23) How long have you been working at your current job? (IF more than one job, think of the job you've held the longest)	Less than 6 months	92	20.4%
	More than 6 months but less than 1 year	58	12.9%
	More than 1 year but less than 2 years	65	14.4%
	More than 2 years but less than 5 years	86	19.1%
	More than 5 years but less than 10 years	100	22.2%
	More than 10 years	50	11.1%
	Do not know	8	~
	Missing	474	~
24. What are your current living arrangements?	Rent house or apartment	532	57.0%

Question	Answer	#	%
	Own house or condominium	124	13.3%
	Live with parents	90	9.6%
	Live with family members	65	7.0%
	Student housing	15	1.6%
	Public housing	8	0.9%
	Rent cot/bed/bunk per day	7	0.8%
	I live outdoors (tent, car, etc.)	7	0.8%
	Homeless/do not have permanent housing	14	1.5%
	Other	22	2.5%
26. What was your annual income from all sources in your family household last year? (This includes federal aid, public assistance, etc.)	Less than \$9,999	229	32.2%
	\$10,000 - \$19,999	181	25.5%
	\$20,000 - \$29,999	128	18.0%
	\$30,000 - \$39,999	81	11.4%
	\$40,000 - \$49,999	34	4.8%
	\$50,000 - \$59,999	25	3.5%
	\$60,000 - \$74,999	16	2.3%
	\$75,000 - \$99,999	10	1.4%
	\$100,000 or more	7	1.0%
	Do not know	147	~
	Missing	75	~
27. How would you rate your current living conditions? (i.e. physical, electrical, plumbing)	Excellent	64	7.4%
	Very Good	148	17.1%
	Good	337	38.9%
	Fair	268	30.9%
	Poor	50	5.8%
	Missing	66	~
28. What ZIP CODE do you live in?	89	1	0.12%
	3933	1	0.12%
	8030	1	0.12%
	81101	1	0.12%
	89011	1	0.12%
	89014	2	0.23%
	89015	1	0.12%
	89030	66	7.74%
	89031	14	1.64%
	89032	15	1.76%
	89039	1	0.12%
	89052	2	0.23%
	89061	1	0.12%
	89074	2	0.23%
	89081	2	0.23%
	89086	2	0.23%
	89101	42	4.92%
	89102	15	1.76%

Question	Answer	#	%
	89103	10	1.17%
	89104	28	3.28%
	89106	14	1.64%
	89107	9	1.06%
	89108	26	3.05%
	89109	26	3.05%
	89110	31	3.63%
	89115	25	2.93%
	89119	35	4.10%
	89120	6	0.70%
	89121	11	1.29%
	89122	10	1.17%
	89128	7	0.82%
	89129	2	0.23%
	89130	1	0.12%
	89132	1	0.12%
	89139	2	0.23%
	89141	2	0.23%
	89142	1	0.12%
	89145	2	0.23%
	89146	3	0.35%
	89147	3	0.35%
	89156	23	2.70%
	89164	1	0.12%
	89169	104	12.19%
	89183	1	0.12%
	89302	1	0.12%
	89403	4	0.47%
	89408	11	1.29%
	89429	7	0.82%
	89431	21	2.46%
	89433	12	1.41%
	89434	5	0.59%
	89435	1	0.12%
	89436	2	0.23%
	89441	1	0.12%
	89444	1	0.12%
	89451	1	0.12%
	89501	1	0.12%
	89502	21	2.46%
	89503	7	0.82%
	89504	17	1.99%
	89506	19	2.23%
	89508	2	0.23%

Question	Answer	#	%
	89509	6	0.70%
	89511	4	0.47%
	89512	15	1.76%
	89521	2	0.23%
	89523	1	0.12%
	89569	1	0.12%
	89701	40	4.69%
	89702	1	0.12%
	89703	2	0.23%
	89705	1	0.12%
	89706	59	6.92%
	89711	1	0.12%
	89801	22	2.58%
	89815	5	0.59%
	89928	1	0.12%
	91706	1	0.12%
	98504	1	0.12%
	895020	1	0.12%
	898101	1	0.12%
Missing	83	~	
County (calculated from zip codes)	Clark	550	65.1%
	Washoe	137	16.2%
	Carson City	103	12.2%
	Elko	28	3.3%
	Lyon	23	2.7%
	Other	4	0.4%
	Missing	88	~
City (calculated from zip codes)	Las Vegas	441	52.2%
	Carson City	104	12.3%
	North Las Vegas	95	11.2%
	Reno	95	11.2%
	Sparks	30	36%
	Elko	22	2.6%
	Henderson	12	1.4%
	Sun Valley	12	1.4%
	Fernley	11	1.3%
	Silver Springs	7	0.8%
	Spring Creek	5	0.6%
	Dayton	4	0.5%
	Cal Nev Ari	1	0.1%
	Incline Village	1	0.1%
	Pahrump	1	0.1%
	Wellington	1	0.1%
	Missing	88	~

Question	Answer	#	%
29. Were you born in the United States?	Yes	196	22.9%
	No	659	77.1%
	Missing	78	~
31. What language do you generally speak at home?	English	83	9.4%
	Spanish	552	62.4%
	English and Spanish	250	28.2%
	Other	0	0.0%
	Missing	48	~
32. What is your marital status?	Married	398	44.8%
	In a domestic partnership	66	7.4%
	Living with significant other/partner	55	6.2%
	Single	259	29.2%
	Divorced	44	5.0%
	Widowed	15	1.7%
	Separated	46	5.2%
	Other	5	0.6%
	Missing	45	~
33. Has a doctor or health professional ever told you that you have any of the following?			
Arthritis	Yes	74	9.1%
	No	736	90.9%
	Missing	123	~
Asthma	Yes	69	8.6%
	No	738	91.4%
	Missing	126	~
Cancer	Yes	15	1.9%
	No	786	98.1%
	Missing	132	~
Pre-diabetes	Yes	56	7.0%
	No	741	93.0%
	Missing	136	~
Diabetes	Yes	67	8.3%
	No	737	91.7%
	Missing	129	~
Kidney Disease	Yes	37	4.7%
	No	758	95.3%
	Missing	138	~
Coronary Heart Disease	Yes	21	2.6%
	No	772	97.4%
	Missing	140	~
Heart Attack	Yes	17	2.1%
	No	774	97.9%
	Missing	142	~
High Blood Pressure or Hypertension	Yes	128	16.0%
	No	672	84.0%
	Missing	133	~

Question	Answer	#	%
High Cholesterol	Yes	125	15.5%
	No	681	84.5%
	Missing	127	~
Stroke	Yes	14	1.8%
	No	778	98.2%
	Missing	141	~
Chronic Obstructive Pulmonary Disease (COPD)	Yes	13	1.6%
	No	777	98.4%
	Missing	143	~
34. [SELF-IDENTIFIED FEMALES ONLY] Are you using birth control? (The Pill, the Shot, the Patch, IUDs, etc.)	Yes	131	25.0%
	No	393	75.0%
	Not a self-identified female	243	~
	Missing	166	~
35. (if self-identified female in 34) A clinical breast exam is when a doctor, nurse, or other health professional feels the breasts for lumps. Have you ever had a clinical breast exam?	Yes, within the past year	168	36.4%
	Yes, within the past 2 years	84	18.2%
	Yes, within the past 3 years	24	5.2%
	Yes, within the past 5 years	28	6.1%
	Yes, 5 or more years ago	20	4.3%
	No, never had this test before	137	29.7%
	Do not know/ Not sure	37	~
	Not applicable	44	~
	Missing	391	~
35a. (if never in 35) What has prevented you from getting a clinical breast exam? Choose all that apply	No healthcare coverage	73	53.3%
	Unable to afford co- pay/cost too much	34	24.8%
	Insurance did not cover it	0	0
	No healthcare provider available	3	2.2%
	Provider did not accept my insurance or healthcare coverage	1	0.7%
	Could not get there/ Transportation issues	5	3.7%
	Time conflict	8	5.9%
	Did not want test	22	16.3%
Other	24	17.8%	
36. (if self-identified female in 34) A Pap test is a test for cancer of the cervix. Have you ever had a Pap test?	Yes, within the past year	192	41.4%
	Yes, within the past 2 years	96	20.7%
	Yes, within the past 3 years	48	10.3%
	Yes, within the past 5 years	38	8.2%
	Yes, 5 or more years ago	25	5.4%
	No, never had this test before	65	14.0%
	Do not know/ Not sure	29	~
	Not applicable	29	~
	Missing	415	~
36a. (if never in 36) What has prevented you from getting a Pap test? Choose all that apply.	No healthcare coverage	33	51.6%
	Unable to afford co- pay/cost too much	14	21.9%
	Insurance did not cover it	0	0

Question	Answer	#	%
	No healthcare provider available	2	3.1%
	Provider did not accept my insurance or healthcare coverage	1	1.6%
	Could not get there/ Transportation issues	5	7.8%
	Time conflict	3	4.7%
	Did not want test	24	37.5%
	Other	9	14.1%
37. (if self-identified female in 34) A mammogram is an x-ray of each breast to look for breast cancer. Have you ever had a mammogram?	Yes, within the past year	74	17.5%
	Yes, within the past 2 years	56	13.2%
	Yes, within the past 3 years	26	6.1%
	Yes, within the past 5 years	22	5.2%
	Yes, 5 or more years ago	21	5.0%
	No, never had this test before	225	53.1%
	Do not know/ Not sure	52	~
	Not applicable	51	~
	Missing	406	~
37a. (if never in 37) What has prevented you from getting a mammogram? Choose all that apply.	No healthcare coverage	99	44.0%
	Unable to afford co- pay/cost too much	46	20.4%
	Insurance did not cover it	2	0.9%
	No healthcare provider available	6	2.7%
	Provider did not accept my insurance or healthcare coverage	0	0
	Could not get there/ Transportation issues	4	1.8%
	Time conflict	5	2.2%
	Did not want test	66	29.3%
	Has not been recommended to me by a healthcare professional	21	9.3%
	Other	7	3.1%
38. A blood stool test is a test that may use a special kit at home to determine whether the stool contains blood. Have you ever had this test using a home kit?	Yes, within the past year	65	9.2%
	Yes, within the past 2 years	27	3.8%
	Yes, within the past 3 years	12	1.7%
	Yes, within the past 5 years	19	2.7%
	Yes, 5 or more years ago	20	2.8%
	No, never had this test before	565	79.8%
	Do not know/ Not sure	116	~
	Missing	109	~
38a. (if never in 38) What has prevented you from using a home kit for a blood stool test? Choose all that apply.	No healthcare coverage	183	32.4%
	Unable to afford co- pay/cost too much	73	12.9%
	Insurance did not cover it	8	1.4%
	No healthcare provider available	9	1.6%
	Provider did not accept my insurance or healthcare coverage	0	0
	Could not get there/ Transportation issues	2	0.4%
	Time conflict	3	0.5%

Question	Answer	#	%
	Did not want test	208	36.8%
	Has not been recommended to me by a healthcare professional	80	17.2%
	Other	49	8.7%
39. Sigmoidoscopy and colonoscopy are exams in which a tube is inserted in the rectum to view the colon for signs of cancer or other health problems. Have you ever had either of these exams?	Yes, within the past year	36	4.5%
	Yes, within the past 2 years	19	2.4%
	Yes, within the past 3 years	10	1.3%
	Yes, within the past 5 years	14	1.8%
	Yes, within the past 10 years	5	0.6%
	Yes, 10 or more years ago	4	0.5%
	No, never had this test before	711	89.0%
	Do not know/ Not sure	51	~
	Missing	83	~
39a. (if never in 39) What has prevented you from getting a sigmoidoscopy or colonoscopy? Choose all that apply.	No healthcare coverage	226	31.8%
	Unable to afford co- pay/cost too much	88	12.4%
	Insurance did not cover it	6	1.1%
	No healthcare provider available	2	0.8%
	Provider did not accept my insurance or healthcare coverage	4	0.6%
	Could not get there/ Transportation issues	3	0.4%
	Time conflict	97	13.6%
	Did not want test	167	23.5%
	Has not been recommended to me by a healthcare professional	111	15.6%
	Other	49	6.9%
40. Overall, how would you rate your body weight?	Underweight	24	2.8%
	Normal weight	480	55.3%
	Overweight	325	37.4%
	Obese	33	3.8%
	Very Obese	6	0.7%
	Missing	65	~
43. During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?	Yes	431	50.5%
	No	422	49.5%
	Missing	80	~
44. Is it difficult for you to exercise?	Yes	307	36.0%
	No	546	64.0%
	Missing	80	~
44a. (if yes in 44) What makes it difficult for you to exercise?			
It costs too much.	Yes	62	30.4%
	No	142	69.6%
	Missing	729	~
I am too tired.	Yes	150	64.9%
	No	81	35.1%
	Missing	697	~

Question	Answer	#	%
I do not have enough time.	Yes	135	57.2%
	No	101	42.8%
	Missing	697	~
My health is too poor.	Yes	75	34.4%
	No	143	65.6%
	Missing	715	~
The weather makes it difficult.	Yes	77	38.7%
	No	122	61.3%
	Missing	734	~
I do not have a safe place to exercise.	Yes	56	28.3%
	No	142	71.7%
	Missing	735	~
Other		23	~
45. [SELF-IDENTIFIED FEMALES ONLY] Did you ever breastfeed or pump breast milk to feed your new baby after delivery, even for a short period of time?	Yes	337	77.3%
	No, did not breastfeed	99	22.7%
	No, have not had children	74	~
	Not a self-identified female	247	~
	Missing	182	~
48. Overall, how would you rate the availability of fresh fruits and vegetables in your community?	Excellent	96	11.2%
	Very Good	234	27.2%
	Good	334	38.8%
	Fair	179	20.8%
	Poor	17	2.0%
	Missing	73	~
49. Is it difficult for you to eat healthy foods?	Yes	213	25.3%
	No	629	74.7%
	Missing	91	~
49a. (if yes in 49) What makes it difficult for you to eat healthy foods?			
I do not know how to prepare healthy foods.	Yes	102	56.7%
	No	78	43.3%
	Missing	753	~
I do not have enough time.	Yes	77	49.4%
	No	79	50.6%
	Missing	777	~
Healthy foods cost too much.	Yes	119	67.6%
	No	57	32.4%
	Missing	757	~
I do not like many healthy foods.	Yes	64	43.8%
	No	82	56.2%
	Missing	787	~
My family members do not want to eat healthy foods.	Yes	56	39.2%
	No	87	60.8%
	Missing	790	~
Other		10	~

Question	Answer	#	%
51. In the past year, did you ever cut the size of any of your own or your family's meals because there was not enough money for food?	Yes	309	36.6%
	No	536	63.4%
	Missing	88	~
52. In the past year did you, other adults, or the children in your household ever not eat for a whole day because there wasn't enough money for food?			
You and/or other adults	Yes	135	16.8%
	No	667	83.2%
	Do not know	28	~
	Missing	103	~
The children	Yes	51	7.3%
	No	647	92.7%
	Do not know	36	~
	Missing	199	~
53. In the past year, have you received benefits from WIC (the Women, Infants, and Children program)?	Yes	194	22.4%
	No	642	74.0%
	Do not know	31	~
	Missing	66	~
54. In the past year, have you received benefits from SNAP or Food Stamp benefits?	Yes	164	18.9%
	No	674	77.7%
	Do not know	29	~
	Missing	66	~
55. Do you currently use tobacco products such as cigarettes/cigars, e-cigarettes, chewing tobacco or hookah?	Everyday	56	6.6%
	Some days	107	12.6%
	Not at all	684	80.8%
	Missing	86	~
56. During the past week, on how many days did you breathe the smoke at your workplace from someone other than you who was smoking tobacco?	None	505	67.8%
	One to two days	119	16.0%
	Three to four days	64	8.6%
	Five or more days	57	7.7%
	I am unemployed/ self-employed	27	~
	Do not know/Not sure	84	~
	Missing	83	~
57. Not counting decks, porches, or garages, during the past week, on how many days did someone other than you smoke tobacco inside your home while you were at home?	None	720	87.9%
	One to two days	49	6.0%
	Three to four days	19	2.3%
	Five to six days	11	1.3%
	Every day of the week	20	2.4%
	Do not know/Not sure	40	~
	Missing	74	~
58. Not counting decks, porches, or garages, during the past week, on how many days did anyone smoke tobacco inside your home while children were present?	None	771	94.1%
	One to two days	28	3.4%
	Three to four days	5	0.6%
	Five to six days	4	0.5%
	Every day of the week	11	1.3%

Question	Answer	#	%
	I do not have children at home	8	~
	Do not know/Not sure	50	~
	Missing	56	~
59. One drink is equivalent to a 12-ounce beer, a 5-ounce glass of wine, or a drink with one shot of liquor. During the past 30 days, how many days did you have at least one drink of any alcoholic beverage such as beer, wine, a malt beverage or liquor?	None	590	70.9%
	1-10 days	189	22.7%
	11-20 days	29	3.5%
	21 or more days	24	2.9%
	Do not know	43	~
	Missing	64	~
60. (if not none in 59) One drink is equivalent to a 12-ounce beer, a 5-ounce glass of wine, or a drink with one shot of liquor. During the past 30 days, on the days when you drank, about how many drinks did you drink on average?	One drink	60	24.6%
	Two drinks	76	31.1%
	Three to four drinks	69	28.3%
	Five or more drinks	39	16.0%
	Do not know/Not sure	38	~
	Missing	651	~
61. (if not none in 59) During the past 30 days, how many days did you have 5 or more alcoholic beverages in 2 hours?	None	161	64.4%
	1-10 days	69	27.6%
	11-20 days	11	4.4%
	21 or more days	9	3.6%
	Do not know/Not sure	40	~
	Missing	643	~
62. Have you used any recreational or street drugs in the past 30 days?	Yes	28	3.3%
	No	832	96.7%
	Missing	79	~
62a. (if used drugs in 62) What kind or recreational or street drugs did you use? Choose all that apply.	Marijuana (dope, grass, joint, Mary Jane, pot, reefer, weed)	20	71.4%
	Heroin (smack, brown sugar, dope, H, China white)	2	7.1%
	Cocaine (coke, crack, blow, C, candy, rock, snow)	7	25.0%
	Methamphetamine (meth, ice, crank, crystal, speed)	4	14.3%
	MDMA (ecstasy, Adam, clarity, Eve)	0	0
	Inhalants (paint thinner, gasoline, spray paint, butane, propane, nitrous oxide)	3	10.7%
	LSD (acid, blotter, cubes)	2	7.1%
	Mescaline (peyote, cactus, mesc, buttons)	2	7.1%
	Psilocybin (magic mushrooms, shrooms)	1	3.6%
	Other	5	17.9%
63. How would you rate your mental health at the present time? (including depression and emotional problems)	Excellent	155	18.1%
	Very good	213	24.9%
	Good	331	38.6%
	Fair	140	16.3%
	Poor	18	2.1%
	Missing	76	~

Question	Answer	#	%
64. In the last year, how often did you experience any of the following?			
Feel depressed	None of the time	404	47.8%
	A little of the time	184	21.8%
	Some of the time	198	23.4%
	Most of the time	36	4.3%
	All of the time	23	2.7%
	Missing	88	~
Feel anxiety	None of the time	457	54.1%
	A little of the time	157	18.56%
	Some of the time	170	20.1%
	Most of the time	41	4.9%
	All of the time	19	2.3%
	Missing	89	~
Experience suicidal feelings	None of the time	729	89.6%
	A little of the time	44	5.4%
	Some of the time	29	3.6%
	Most of the time	12	1.5%
	All of the time	0	0.00%
	Missing	119	~
Experience feelings of isolation	None of the time	578	70.3%
	A little of the time	93	11.3%
	Some of the time	116	14.1%
	Most of the time	26	3.2%
	All of the time	9	1.1%
	Missing	111	~
65. During the last 30 days, how often did you feel any of the following?			
So sad that nothing could cheer you up	None of the time	544	66.0%
	A little of the time	144	17.5%
	Some of the time	106	12.9%
	Most of the time	19	2.3%
	All of the time	11	1.3%
	Missing	109	~
Nervous	None of the time	422	50.2%
	A little of the time	195	23.2%
	Some of the time	179	21.3%
	Most of the time	25	3.0%
	All of the time	20	2.4%
	Missing	92	~
Restless or fidgety	None of the time	490	59.5%
	A little of the time	156	19.0%
	Some of the time	134	16.3%
	Most of the time	28	3.4%
	All of the time	15	1.8%
	Missing	110	~

Question	Answer	#	%
Hopeless	None of the time	623	76.3%
	A little of the time	81	9.9%
	Some of the time	79	9.7%
	Most of the time	22	2.7%
	All of the time	11	1.3%
	Missing	117	~
Worthless	None of the time	645	79.6%
	A little of the time	70	8.6%
	Some of the time	72	8.9%
	Most of the time	15	1.9%
	All of the time	8	1.0%
	Missing	123	~
Everything was a struggle	None of the time	523	64.3%
	A little of the time	104	12.8%
	Some of the time	112	13.8%
	Most of the time	38	4.7%
	All of the time	36	4.4%
	Missing	120	~
66. Have you been sexually active in the last year?	Yes	655	75.7%
	No	210	24.3%
	Missing	68	~
67. (if sexually active in 66) How often did you practice safe sex? (This includes use of condoms or dental dams)	Always	227	34.6%
	Most of the time	96	14.6%
	Sometimes	118	18.0%
	Rarely	44	6.7%
	Never	171	26.1%
	Missing	277	~
68. (if sexually active in 66) Are you in a monogamous relationship? (only one sexual partner in the last 6 months)	Yes	526	82.3%
	No	113	17.7%
	Missing	294	~
69. Where do you receive your reproductive health information? Choose all that apply.	Private gynecologist's office	120	12.9%
	Private family doctor's office	116	12.4%
	Planned Parenthood	33	3.5%
	County health department clinic	134	14.4%
	Other community clinic or health center	206	22.1%
	Other	178	19.1%
70. Do you know where to go if you need to get an HIV test?	Yes	490	55.7%
	No	390	44.3%
	Missing	53	~
71. Have had an HIV test in the last 6 months?	Yes	119	13.5%
	No	746	84.9%
	Do not know	14	1.60%
	Missing	54	~
72. How safe do you feel in your neighborhood?	Very safe	125	14.4%

Question	Answer	#	%
	Safe	418	48.2%
	Neither safe nor unsafe	218	25.1%
	Unsafe	79	9.1%
	Very unsafe	27	3.1%
	Missing	66	~
73. Do you believe the following problems exist in your neighborhood?			
Drug consumption	Yes	403	47.0%
	No	279	32.5%
	Do not know	176	20.5%
	Missing	75	~
Sale of drugs	Yes	320	37.6%
	No	323	38.0%
	Do not know	207	24.4%
	Missing	83	~
Alcoholism	Yes	425	50.2%
	No	259	30.6%
	Do not know	162	19.1%
	Missing	87	~
Domestic violence	Yes	267	31.9%
	No	350	41.8%
	Do not know	220	26.3%
	Missing	96	~
Weapons/ firearms	Yes	220	26.5%
	No	378	45.6%
	Do not know	231	27.9%
	Missing	104	~
Teen pregnancy	Yes	233	28.1%
	No	372	44.9%
	Do not know	223	26.9%
	Missing	111	~
Children out of school/ dropout	Yes	186	24.0%
	No	335	43.3%
	Do not know	253	32.7%
	Missing	159	~
Crime	Yes	218	28.4%
	No	353	46.0%
	Do not know	196	25.6%
	Missing	166	~
Gangs	Yes	222	28.8%
	No	353	45.7%
	Do not know	197	25.5%
	Missing	161	~
Graffiti	Yes	246	32.2%
	No	365	47.7%
	Do not know	154	20.1%

Question	Answer	#	%
	Missing	168	~
Lack of cleanliness	Yes	241	31.2%
	No	384	49.7%
	Do not know	147	19.0%
	Missing	161	~
74. How empowered do you feel to make positive changes in your community? (i.e. vote, speak to a legislator, volunteer)	Very empowered	86	10.1%
	Empowered	202	23.8%
	Neutral	281	33.1%
	Unempowered	102	12.0%
	Very unempowered	178	21.0%
	Missing	84	~
75. On which of these topics would you like more information? Choose all that apply.	Women's health	333	35.7%
	Domestic violence	152	16.3%
	CPR	140	15.0%
	Tobacco	87	9.3%
	Reproductive health (all genders)	92	9.9%
	Housing	243	26.0%
	Education	342	36.7%
	Special needs care	123	13.2%
	Employment	256	35.6%
	Nutrition	339	36.3%
	Oral health	233	25.0%
	Mental health	133	14.3%
	Lesbian, gay, bisexual, and transgender health	45	4.8%
	Child safety/health	199	21.3%
	Financial aid	251	26.9%
	Diabetes	191	20.5%
	High blood pressure	143	15.3%
	Substance abuse	80	8.6%
	HIV/AIDS	77	8.3%
	Cancer	121	13.0%
Physical activity	183	19.6%	
Other	33	3.5%	
76. Where do you obtain your health information? Choose all that apply.	Healthcare provider	260	27.9%
	Health fairs	134	14.4%
	Pamphlets/Brochures/Fact sheets/Other literature	156	16.7%
	Television	274	29.4%
	Radio	192	20.6%
	Social media	130	13.9%
	Internet (ex. WebMD, CDC website, Mayo Clinic website)	185	19.8%
	County health departments	74	7.9%

Question	Answer	#	%
	Family	254	27.2%
	Friends	254	27.2%
	Community health centers or clinics	171	18.3%
	Other	30	3.2%

Latino Health Needs Assessment Results: Free Answer Responses		
Question	Answer	Frequency
1a. Please specify your Hispanic or Latino origin. Choose all that apply.	Guatemalan	11
	Honduran	5
	Nicaraguan	4
	Peruvian	4
	Chilean	3
	Central American	2
	Spanish	2
	Cherokee Indian and Mexican	1
	Colombian	1
	Costa Rican	1
	Dominican	1
	Ecuadorian	1
	French and Hispanic	1
	Mexican, Puerto Rican	1
	Spanish and Native American	1
3a. From which of the following do you obtain your healthcare coverage? Choose all that apply.	Clark County Social Service	2
	Humana	2
	County. Program	1
	Culinary	1
	culinary	1
	not complete coverage	1
	veteran	1
3b. What is the one main reason you do not have any healthcare coverage?	Not offered as part of employment	4
	In process of obtaining insurance	3
	Unable to get coverage from government	2
	N/A	1
	None	1
	No job	1
	I don't need it	1
	did not answer	1
	I don't have	1
	I don't have insurance	1
Question	Answer	Frequency
4a. What kind of place do you usually go when you are sick or need advice	UMC	2
	Automedico	1

about your health?	Clinica Culinaria	1
	Community clinic or health center	1
	Company clinic	1
	docs w no license	1
	employer has medical	1
	Hispanic/Latino pharmacy	1
	Hispanic Doctor	1
	holistic healer	1
	The pharmacy	1
	UNLV clinic	1
	veteran care facility	1
4b. What is the ONE main reason you do not have a place that you usually go to when you are sick or need advice about your health?	Immigration Concerns	2
	Find whatever doctor that is adequate for needs.	1
	I move a lot	1
	They don't accept it in the hospital.	1
	medication from pharmacy	1
5. How do you normally travel to see your healthcare provider? Choose all that apply.	Do not have healthcare provider	5
	Does not go	4
	911	3
	Bicycle	2
	Drive myself	2
	Automedico	1
	b28	1
	No	1
	Take public transportation	1
7a. What are the main reasons you do not receive regular physical examinations? Choose all that apply	Have never gone	5
	Unable to afford co-pay/Costs too much	2
	It's been 5 years	1
	It's been 2 months	1
	I never thought about it	1
	Just left foster care unaware of what to do	1
	None	1
	No healthcare coverage	1
	I'm irresponsible.	1
	The kids go first	1
8a. What are the main reasons you do not visit the dentist regularly? Choose all that apply.	Unable to afford co-pay/Costs too much	2
	incarcerated	1
	No dental insurance	1
	Not needed	1
	I'm irresponsible.	1
	I recently obtained insurance.	1
	Scared	1
9b. Why could you or they not receive the needed healthcare?	no home	1
9c. What type of healthcare did you or	blood work	1

they need and were unable to receive?	eye care	1
	Hernia	1
	unknown	1
	urgent care	1
10b. Why were you unable to get the medication? Choose all that apply.	Unable to afford co-pay/Costs too much	2
12. What types of alternative healthcare do you practice? Choose all that apply.	Exercise	5
	Doctor	3
	Home Remedies	3
	Homeopathy	3
	Medicine	3
	Prayer/Religion	3
	General	2
	Pharmacy	2
	Self medication	1
	blood test	1
	chiropractor	1
	Mental health clinic	1
	Eat healthy	1
	dentist	1
	fruit	1
	holistic healer	1
	home made cures (fruit, veggies,etc.)	1
	Mexican medicine	1
	meditation	1
	None	1
psychologist	1	
TBVL	1	
13a. What country did you go to for your healthcare needs?	Mexico	105
	El Salvador	6
	California	3
	Nicaragua	2
	Cuba	1
	Guatemala	1
13b. Why did you go another country for your healthcare needs? Choose all that apply.	Travel/During vacation	3
	Lived there	2
	Better quality care	1
	None	1
	second opinion	1
		1
14d. From which of the following do your children obtain healthcare coverage? Choose all that apply.	Medicaid/CHIP	15
	Do not have insurance	2
	no	2
	Insurance purchased by you	1

	Medicare	1
	None	1
	only us child	1
	I pay	1
	public aid	1
	Still waiting to be approved, my son has Nevada check up but my daughter got denied. Applied for Medicaid	1
16. In what language do you prefer to speak with your doctor/healthcare provider?	Do not have doctor	3
20. What is your self-identified gender?	Whichever	2
21. What is your sexual orientation?	Normal	5
	Heterosexual	4
	?	1
	blank	1
	did not answer	1
	feminine	1
	I like my woman.	1
23. What is your current employment status? Choose all that apply.	Disabled	6
	Unemployed	4
	Self-employed	3
	Temporary/Seasonal Worker	3
	Day Laborer	2
	Sales	2
	baby sitter	1
	Seller	1
	blank	1
	Cashier	1
	did not want to answer about employment	1
	Laundry and Housekeeping	1
	Waitress	1
	Self-employed	1
	On call	1
	teacher	1
volunteer	1	
23a. Please specify your type of employment. Choose all that apply.	Restaurant/Cook/Waiter	33
	Service, Other	14
	Handlers, Equipment Cleaners, Helpers, and Laborers	10
	Education	6
	Cashier	3
	Housekeeping	3
	Laborer	3
	Landscaping/Gardening	3
	Laundry/Dry Cleaning	3
	Machine Operators, Assemblers, and Inspectors	3

	Precision Production, Craft, and Repair	3
	Sales	3
	warehouse	3
	Executive, Administrative, and Managerial	2
	no	2
	carnival crew	1
	Homemaker	1
	Driver	1
	cleaning yards	1
	Coach	1
	With animals	1
	costume character (Chubacca)	1
	Social event planner	1
	dispatch	1
	Ensemble	1
	photographer	1
	hobby's	1
	JOURNALIST	1
	laboratory of mines	1
	Custodian	1
	massage	1
	n	1
	no answer provided	1
	agency	1
	Public relations	1
	Puller	1
	rest	1
	restocker	1
	priest	1
	Community service	1
	Technicians and Related Support	1
	Roofing	1
	what is available	1
24. What are your current living arrangements?	Mobile Home/Trailer	11
	Homeless/Do not have permanent living arrangements	4
	Live with friends	4
	did not want to answer	1
	Belongs to the church	1
	Hotel	1
	live with boyfriend	1
	no home\when drinking	1
	Rent house or apartment	1
	I have a place to live	1
32. What is your marital status?	Free Union	3

	dating free	1
	no answer	1
35a. What has prevented you from getting a clinical breast exam? Choose all that apply	Did not need test/Too young	9
	Never recommended by doctor	4
	Did not know about exam/Never thought about it	3
	age	1
	Do not know	1
	had one done 6 months ago	1
	Information not available	1
	Just got insurance	1
	No healthcare coverage	1
	not yet	1
	I check myself monthly	1
36a. What has prevented you from getting a Pap test? Choose all that apply.	Did not need test/Too young	5
	Do not know	2
	Did not know about exam/Never thought about it	1
	haven't yet	1
37a. What has prevented you from getting a mammogram? Choose all that apply.	Did not need test/Too young	2
	Do not know	2
	I don't need it yet.	1
	breast feeding	1
	Has not been recommended to me by a healthcare professional	1
	Just got insurance	1
38a. What has prevented you from using a home kit for a blood stool test? Choose all that apply.	Did not know about exam/Never thought about it	27
	Did not need test/Too young	11
	Do not know	5
	Has not been recommended to me by a healthcare professional	3
	I need more information	1
	They haven't told me.	1
	I don't have a kit.	1
	none given	1
	not answered	1
	Too embarrassed	1
39a. What has prevented you from getting a sigmoidoscopy or colonoscopy? Choose all that apply.	Did not need test/Too young	21
	Did not know about exam/Never thought about it	16
	Has not been recommended to me by a healthcare professional	7
	Do not know	6
	"never had it done"	1
	Did not want test	1
	n/a	1
	no	1
	No healthcare provider available	1
	I haven't been prescribed	1

	Not required	1
	Unable to attend due to bad reaction to meds	1
44a. What makes it difficult for you to exercise?	Lazy/Lack of interest or motivation	12
	My health is too poor	3
	Sometimes I run in the park for 30 minutes	1
	expecting baby	1
	I don't like to sweat, therefore I don't like to exercise	1
	It costs too much	1
	sometimes I need partners to do exercise	1
	I have children	1
	Treadmill	1
	when young I was an athlete	1
	49a. What makes it difficult for you to eat healthy foods?	Hard to access healthy foods
I do not have enough time		2
Healthy foods cost too much		1
it does not last due to climate		1
My family members do not want to eat healthy foods		1
I don't have teeth.		1
I don't have a place to cook.		1
Sick		1
62a. What kind or recreational or street drugs did you use? Choose all that apply.	None	5
69. Where do you receive your reproductive health information? Choose all that apply.	Does not receive information/Nowhere	95
	Does not have doctor	28
	Internet	9
	School	5
	Do not need information	4
	Do not know	3
	Family/Parents	3
	Have had tubal ligation/surgery	3
	no answer	3
	Television	3
	Health Fairs	2
	no	2
	a/q	1
	church	1
	Mail	1
	doc	1
	does not understand information	1
	Friends	1
	Hospital	1
	I am a male	1
internet, parents, friends, family	1	
internet; reading; friends	1	

	México	1
	n/a	1
	Nevada check up	1
	I don't go to the doctor.	1
	The news	1
	school, internet	1
	Hispanic Services	1
	Television and net	1
75. On which of these topics would you like more information? Choose all that apply.	None	20
	Did not respond	4
	Dementia	1
	Drugs	1
	Immigration	1
	lupus	1
	N/A	1
	Parkinson's	1
	Community service	1
	All are important	1
76. Where do you obtain your health information? Choose all that apply.	Does not receive information/Nowhere	9
	Did not respond	6
	Church	2
	School	2
	no interest	2
	207	1
	home town health hot line	1
	insurance	1
	Inter	1
	Internet	1
	Medical center	1
	N/A	1
	parole officer	1
	self-research	1
stores	1	