

# DEVELOPMENT OF THE GIRLS' HEALTH SCREEN: TECHNICAL REPORT

Acoca and Lexcen 2009

## Part I: Introduction

Development of the Girls' Health Screen included identifying areas of need (as reflected in earlier research) and developing a triage scheme of suitable questions. Sections of the GHS were divided into three types of questions to ask girls about 1) conditions in need of immediate attention (e.g., acute or contagious health conditions), 2) problems that should be further evaluated and treated (e.g., exposure to sexually transmitted infections), and 3) circumstances that constituted resiliency (e.g., positive school engagement) or risk (e.g., homelessness).

Items for each section of the GHS were selected through a variety of sources. Some were identified by reviewing published research on the health needs of detained women, detained boys, and detained men. Additional items were found among the unique instruments used at the three detention centers that contributed to the first phase of development. Finally, items were written based on Dr. Schwarz's expertise providing health care to detained girls and Ms. Acoca's ground-breaking research and advocacy experience with girls and women in the justice system.

The process of describing the usefulness of a medical health screen is similar in some ways to classic psychometric test construction. Areas for quick assessment are identified based on the greater likelihood of occurrence in a specific population. However, medical health screens must also target contagious conditions that can impact public (or institutional) health, and infrequent but potentially lethal conditions that can have serious consequences for a small number of individuals. Asking questions about such health concerns can result in a number of "false positives," which will require the undesirable expense of further assessment. For example, the common usage of the term "allergy" could suggest a variety of symptoms to a girl (e.g., upset stomach) that would not meet medical criteria for allergic response to antibiotics. But the cost of this additional, ultimately unnecessary evaluation is weighed against the value of finding the few individuals whose lives would be severely adversely affected if they were prescribed an antibiotic to which they were truly allergic.

As a result, the traditional psychometric properties of reliability and validity (e.g., correlations, chi-square analyses, item response theory or differential item analysis) that depend on frequent associations between screening items and assessment items, are helpful for targeting conditions that are likely to occur. But these methods are not adequate for deciding the usefulness of questions that address contagious or infrequent but serious conditions, and whether such items should be retained in future revisions of the GHS.

The information presented in the following sections reports three types of data collected in Phase II of the GHS study. First, the results of data obtained from administering the GHS to girls in three detention facilities will be presented in *Part II: Data from the Girls' Health Screen*. This data represents what the participating girls were willing to say about themselves in response to the voice-enhanced software version of the GHS. *Part III: Data from the Physical Examination* presents the results of the physical examinations

(PE) conducted at the three facilities, and shows what professional healthcare providers found about the girls' health conditions. *In Part IV: Results of the GHS and Physical Examination Comparison*, a subsample of girls who completed both the GHS and the physical examination is reviewed to demonstrate the usefulness of the health screen in identifying the three types of medical areas addressed: conditions that need immediate attention ("Urgent"), conditions that need attention in the near future ("Care and Treatment"), and additional circumstances that influence the receipt of adequate health care services ("Advocacy").

## Part II: Data from the Girls' Health Screen

### DEMOGRAPHIC ITEMS

A total of 119 girls completed the GHS in three facilities. Two detention centers were located in California, and one in Philadelphia. The facility in Santa Cruz, California, provided GHS protocols from four girls. The San Diego, California, facility provided GHS data for 92 girls, and the Philadelphia facility provided data for 23 girls.

The GHS begins with ten questions about the respondent's age and ethnicity. Girls are asked to report their date of birth and their age. Date of birth was used with the date of the GHS interview to calculate age in number of years. The girls' calculated ages ranged from 12 years old to 18 years old, with a mean of 15.64 ( $sd = 1.29$ ). This was very similar to the mean self-reported age of 15.64 ( $sd = 1.27$ ).

Girls were asked to identify whether they were of Hispanic or Latina ethnicity. Fifty-three girls described themselves as Hispanic or Latina. Most of the 53 girls ( $n=32$ , 67%) described themselves as Mexican, Mexican-American or Chicana. Other girls described themselves as of Mixed Hispanic Background ( $n=8$ , 17%), Puerto Rican ( $n=4$ , 8%), and Central or South American ( $n=3$ , 6%).

Next, girls were asked about their racial background, resulting in a variety of responses. Some described themselves as African-American ( $n=32$ , 27% of total sample), Caucasian ( $n= 21$ , 18%) or of mixed racial background ( $n=28$ , 24%). There were 3 (2%) who said they were Asian or Pacific Islander, and 2 who said they were Native American, Aleut, or Eskimo. A large number of girls ( $n=33$ , 28%) chose to skip this question. Of those girls, 30 (25% of larger sample) had already reported that they were of Hispanic or Latina ethnicity. The remaining 23 girls who had endorsed Hispanic or Latina ethnicity also reported Asian or Pacific Islander racial background ( $n=1$ , 2% of 53 Hispanic/Latina girls), African-American background ( $n=2$ , 4%), Native American, Aleut or Eskimo background ( $n=2$ , 4%), Caucasian background ( $n=1$ , 2%) and mixed racial background ( $n=17$ , 32%).

### URGENT RESPONSE ITEMS

There are 46 questions about emergent health care needs on the GHS. They fall into three general categories of Acute or Potentially Acute Conditions, Contagious Conditions, and Infrequent but Potentially Serious Conditions.

*Acute or Potentially Acute Conditions.* Recent health events that warranted concern were reported by some of the girls. Fifteen girls (13%) said they had been injured in the past week, including 6 girls who reported loss of consciousness in the past two days. Only 9 girls who had been injured had received medical care. Over 40% of girls ( $n=49$ ) said they were currently in pain, indicating an average Likert scale (on a scale of 1 to 10) rating of 6 ( $sd= 1.98$ ). Six girls reported non-menstrual bleeding in the past week.

Two girls indicated they had consumed four or more alcoholic drinks in the past 24 hours, but neither girl believed she was currently intoxicated, and both denied the need for alcohol detoxification treatment. Two girls also reported that they had used illicit drugs in the past 24 hours, but neither reported current intoxication or the need for substance abuse treatment.

Girls in this sample reported a number of mental health problems and significant problems with alcohol and drug abuse. Nine girls (8%) reported they had received inpatient psychiatric care within the past six months. Fourteen girls (12%) reported visual hallucinations, and nine of those girls said the hallucinations were not drug-related. Auditory hallucinations were reported by 15 girls (13%), and 10 said the hallucinations were not drug-related. Thirty girls (26%) complained of some type of thought disturbance, such as their mind playing tricks on them.

A history of any self-harm was reported by 27 girls (23%), with 8 girls reporting recent self-harm. About one-third of girls (n=36, 30%) reported feeling hopeless recently, while 21 girls (18%) reported explicit suicidal ideation. Three girls said they had formed specific plans to kill themselves. Thirteen girls (11%) indicated that they had attempted suicide in the past, including four attempts in the past month and two attempts in the past week. Twenty-six girls (22%) endorsed a history of homicidal ideation.

Among the problems that can have implications for many areas of daily life, a history of forced sexual activity was reported by 26 girls (22%), with three girls reporting sexual assault in the past five days. Four girls (3%) said they felt threatened by someone whom they knew was at the detention center where they were being held, and 25 (21%) said they had participated in gang-related fighting in the past.

Girls reported a variety of conditions that predated their detention. Twenty-eight girls (24%) reported that they took medications on a daily basis. Twenty-one girls (18%) complained of vaginal discharge. Regarding physical limitations that could influence their adaptation to detention, forty-seven girls (40%) said they needed to wear glasses or contact lenses, but only five girls (4%) had their glasses with them. Three girls reported that they used hearing aids. Two girls said they did not have their hearing aids with them and the third girl declined to answer the question. Orthopedic problems (standing, bending, walking) were reported by 19 girls (16%) and strength problems (lifting and holding objects) were reported by nine girls (8%). Only one girl reported that she needed equipment to accommodate a physical disability.

*Contagious Conditions.* Public health concerns within an institution includes serious problems (e.g., tuberculosis) and less serious but difficult-to-manage problems (e.g., head lice). On the GHS, 9 girls (8%) said they had been in adult jail or prisons, increasing their risk for exposure to contagious conditions generally. Ten girls (8%) said they had tested positive for tuberculosis in the past, but none of the 10 said were currently coughing or taking medications. Exposure to tuberculosis in the past year was reported by 13 (11%) girls, and another 18 (15%) were not sure whether they had been exposed. Six girls (5%)

## DRAFT: FOR DISCUSSION PURPOSES

reported a severe cough, and three girls said they had been recently exposed to pertussis. Another 27 girls (23%) said they did not know whether they had been exposed to pertussis.

Cold or influenza symptoms were reported by 36 girls (30%): 15 (13%) said they had a sore throat, while 26 (22%) said they were coughing. Ten of these girls said they had earaches and 21 had runny noses. Fifteen girls said they had had a fever in the past 24 hours. One girl said she had been exposed to measles, mumps or rubella recently, and eight girls were not sure if they had been recently exposed. Fourteen (12%) of girls reported they were experiencing itching skin, but only 2 of those girls suspected they had lice, crabs, scabies or ringworm.

*Infrequent but Potentially Serious Conditions.* These GHS questions are intended to capture the health concerns that, because of they occur less often in the general population, could be easily overlooked, resulting in negative health outcomes. Sixteen girls (13%) said they were allergic to some type of prescription medication and 7 (6%) indicated they were allergic to over-the-counter medicines. Food allergies were reported by 35 (29%) of the subjects and 12 (10%) said they were allergic to bee stings. One girl reported that she needed to carry an EPI pen for allergic reactions, but no girls had ever used an EPI pen, and none had an EPI pen with them at the detention center.

Almost one-fifth (n=21, 18%) of the girls taking the GHS reported a history of heart palpitations, making this symptom a fairly common experience. However, 5 girls (4%) said they had a history of heart problems, and none of the five took medications for the condition. Three girls (2%) reported they had been diagnosed with diabetes and none of the three had medications with them. Eight girls (7%) reported a history of seizures and three girls reported they took regular medications to control them. About 11% of girls (n=13) reported a history of breathing problems, including asthma. Eight girls indicated they were currently pregnant. There were no girls who reported that they had the condition G6PD, but six girls (5%) skipped the question, perhaps because they were not familiar with the condition.

## CARE AND TREATMENT ITEMS

There are 101 GHS items about non-critical health problems that should be further assessed for treatment. These items comprised Medical History and Physical Complaints, Mental Health and Substance Abuse, and Reproductive and Sexual Health.

*Medical History and Physical Complaints.* Girls were asked about their history of immunizations and illnesses. Regarding immunizations, 65 girls (55%) said they had been immunized for chicken pox, and 65 (55%) said they had had a flu shot. Fifty-six girls (47%) said they had been immunized for Hepatitis A, but only 24 (44%) said they had received two shots. Sixty (51%) said they had been immunized for Hepatitis B, but only 22 (39%) had received all three shots. Forty-two girls (36%) said they had had shots

## DRAFT: FOR DISCUSSION PURPOSES

for measles, but only 10 (26%) said they had been immunized in the past two years. Ten (8%) had they had been immunized for meningitis, and 22 (19%) had had tetanus shots.

Forty-one girls (35%) said they had had acne in the past, and 9 (8%) reported a history of eczema. Fifteen (13%) said they had problems with rashes, and 27 (23%) had scars that were healing. Thirty girls (27%) reported that they bruised or bled too easily.

Six girls (5%) said they were anemic, but none reported sickle cell disease. One girl reported a history of cancer. About a third (n=36, 31%) said they had been hospitalized overnight at some time in the past. Eight girls (7%) reported a history of high blood pressure. Three girls reported they had been diagnosed with some type of hepatitis.

Thirty girls (25%) said they had allergies, and six said they took medications for allergies. Thirty girls (25%) said they had a history of asthma or breathing problems. Four had been to the emergency room for asthma, while 7 (6%) said they were compliant with treatment for their asthma. Six girls said they had coughed up blood in the past month. Twenty (17%) said they had had more than two ear infections in the past year. None reported a history of Lyme disease.

Fifteen (13%) of girls said they needed a special diet, while 45 (38%) said they had lost five pounds in the past three months. Fourteen girls (12%) said the weight loss was associated with dieting, 24 (20%) said it was due to exercising, 25 (21%) said it was due to loss of appetite, 12 (10%) said they were too upset to eat, and 7 (6%) said it was because they did not have enough food to eat.

Many items asked for current symptoms, physical problems, and recent injuries. Five girls (4%) reported they had experienced a head injury or concussion in the past two weeks. One girl reported that she had been stabbed or shot in the past two weeks. None of the girls said they had stitches that needed to be removed. Four (3%) said they currently had a broken bone. Five (4%) said they currently had burns.

Six girls (5%) reported pain on urination, and 26 (22%) reported frequent urination. Twelve (10%) indicated they currently had a bladder or urinary tract infection. Five girls (4%) reported problems with diarrhea, while 11 (9%) complained of constipation. Twelve (10%) reported problems with nausea or vomiting. Eleven (9%) said they had heartburn, while 10 (8%) reported other types of stomach distress.

Forty-two girls (36%) said they had problems with their eyes, and 17 (14%) said they had problems with their ears. Six girls (5%) reported problems chewing, and 39 (33%) reported tooth pain. Seventeen (14%) said they had bleeding gums and three (2%) had patches in their mouths. Thirty-three girls (28%) said they had very dry skin. Twenty-six (22%) said their hair was falling out, 32 (27%) said their hair was very dry, while 25 (21%) said their hair was breaking or thinning.

Sixty-one girls (52%) reported that they suffered from fatigue. Two said they had thyroid problems. One girl said she took thyroid medicines but did not have her medicine with her. Twenty-seven girls (23%) said they experienced weakness, tingling or numbness in their extremities, while 46 (23%) said they had trouble sleeping even when they were tired.

*Mental health and substance abuse.* Witnessing traumatic injury or death of another person (types of events that might contribute to anxiety disorders) was reported by 70 (58%) of the girls. Thirty-five (29%) had been in situations where they feared that they might be traumatically injured or killed.

Regarding body image perceptions, 36 girls (31%) said they felt healthy and attractive, and 16 (14%) said they looked good. Twenty-nine (25%) felt “OK” about their appearance. Girls who thought they were too heavy numbered 17 (14%), and one girl said she was too thin. Eight other girls were unhappy with their appearance for reasons other than weight. Eight (7%) said they had intentionally made themselves vomit, and four girls (3%) reported they had been hospitalized for eating disorders.

Twenty-seven girls (22%) said they believed they over-used alcohol and drugs, while 34 girls (28%) said that their family or friends believed they over-used. Thirty-two (27%) said that their alcohol or drug use had kept them from completing their responsibilities, such as going to school or work.

When asked how often they had had a single drink in the past three months, 46 girls (38%) said never, 24 (20%) said less than once a month, 13 (11%) said a few times a month, and 28 (24%) said one or more times each week, but not daily. Four girls said they had one drink every day for the past three months. When girls were asked how often they had had four drinks in the past three months, 67 (56%) said never, 28 (24%) said a few times each month, 15 (13%) said one or more times each week, and four (3%) said every day.

Regarding marijuana, 62 (52%) girls said they had not used in the past three months. Seventeen (14%) said they had used monthly in the past three months, 16 (14%) said they used weekly, and 20 (17%) said they used marijuana daily for the previous three months. Twelve girls (10%) said they had used cocaine in the past three months, 4 reporting they had used crack. Twenty-one (18%) had used methamphetamine in the previous three months, and 13 (11%) said they had used MDMA. Two girls reported using rohypnol. Five said they had used heroin, and 4 had used hallucinogens. Thirteen (11%) had abused over-the-counter drugs, and 7 had abused prescription drugs. Eleven girls (9%) reported inhalant abuse and 6 reported abusing other types of substances.

Intravenous drug use (IVDU) was reported by 8 girls (7%). One girl endorsed IVDU every week, and two admitted IVDU every day. Five said they had not engaged in IVDU in the past three months. One girl indicated that she shared needles with others. Thirteen (11%) girls said they had sexual relations with someone who regularly engaged in IVDU.



Sixty-six girls (56%) said they had used alcohol and drugs at the same time. Forty girls (33%) said they had experienced “black-outs” during alcohol or drug use, while 34 (29%) had been sick or overdosed on alcohol or drugs.

*Reproductive and Sexual Health.* Regarding menstrual history, 27 girls (22%) said they had missed periods when they were not pregnant. Twenty-three (19%) reported heavy bleeding in the past three months, while 21 (18%) said they had experienced mild bleeding between periods. Menstrual cramps or pain were reported by 57 (48%) of girls.

Nineteen girls (16%) reported current vaginal discharge and two reported vaginal irritation. Nine (8%) reported a current yeast infection. Seven girls said they had found lumps in their breasts. Nine reported irregular pap smears (4 in the past three months, 4 in the past year, and one, more than a year previously). Six girls received treatment for their irregular pap smears and 5 said they completed the treatment.

Regarding sexual history, 67 girls (56%) indicated they felt attracted to boys, 34 (28%) felt attracted to men, 5 (4%) felt attracted to girls, and 3 (2%) felt attracted to women. Twenty girls (17%) felt attracted to both males and females, and 3 (2%) were uncertain of their feelings of sexual attraction to others. Eight girls (7%) chose to skip the questions regarding their sexual preferences.

Sexual intercourse within the past three months was reported by 77 (64%) of the girls surveyed. Eight girls (7%) reported a history of anal intercourse in the past three months, and 48 (40%) reported oral-genital contact in the previous three months. Twenty-five girls (21%) said their sexual activity in the past three months had been restricted to a single partner, while 64 girls (53%) reported two or three partners, 25 (21%) reported four to five partners, and three (2%) reported six or more partners in the previous three months.

A history of sexually transmitted infections (STI) was reported by 26 (22%) of girls. Chlamydia was reported by 17 girls (14%) and gonorrhea by 4 (3%). One girl reported a history of genital herpes and one girl reported a history of genital warts. Five girls (4%) said they had had trichomoniasis. One girl reported vaginitis that was not due to yeast infection. None of the girls reported a history of syphilis, but two girls reported other types of STI’s not inquired about by the GHS. Four girls (3%) said they had a history of pelvic inflammatory disease. General abdominal pain in the past two weeks was reported by 24 (20%) of girls. Sixty-six girls (55%) said they had been tested for HIV, and 63 (52%) knew the results of their tests. None of the girls reported that they were taking medications for HIV, but two girls chose to skip that question.

A history of using condoms was reported by 69 (58%) of girls, while 15 (12%) had used birth control pills, 10 (8%) had received an injection of birth control medications, and 3 reported using a skin-patch method of birth control. One girl said she had used an intra-uterine device (IUD) in the past. Twenty-five girls (21%) said they relied on withdrawal as a form of birth control, while 4 had used a “morning-after” pill. Twenty girls (17%) said they did not use birth control, and 17 (14%) of the total sample skipped all questions

## DRAFT: FOR DISCUSSION PURPOSES

regarding birth control. Eight girls (7%) said they had obtained abortions, one in the past three months.

Past pregnancies were reported by 24 girls (20%). Fourteen (12%) said they had been pregnant once, 7 (6%) had been pregnant twice, and one girl reported three or more pregnancies. Six girls (5%) said they had been pregnant within the past three months. Thirteen girls (11%) reported a history of miscarriage, two within the past three months.

Medical care was obtained by 12% of girls (n=15) during their first pregnancy. Two girls reported medical care during a second pregnancy, and two reported care for additional pregnancies. Six girls (5%) said they had not received medical care for any of their pregnancies.

Six girls (5%) reported health problems during their first pregnancy, while one girl reported health problems in her second pregnancy. Thirteen girls (11%) said they had no health problems during any pregnancy. Alcohol or drug abuse during a first pregnancy was reported by 7 girls, while 3 girls used alcohol or drugs during their second pregnancy. Thirteen girls (11%) denied using alcohol or drugs of any type during any pregnancy.

Only five girls (4%) reported on the GHS that they had given birth, one girl in the past six months. Two girls reported medical problems during labor or delivery, while four girls reported no problems with any labor or delivery. Four girls (3%) reported they gave birth in a medical setting, while two girls said they gave birth without medical assistance.

Four girls (3%) reported their first babies were normal and healthy. There were no reports of babies having medical problems at birth or shortly after, but four girls elected to skip the questions about health care for their children. Four girls said they had one living child, and all four said their child lived with them. None of the girls had breastfed in the past month. Five girls said that none of their children had chronic health conditions, but only four of them could afford to obtain medical care for their children. Four said they had regular medical care for their children. Three girls said their children were staying with an older female relative (the subject's mother, grandmother or extended family) and one child was with its father's family. Three girls requested parenting classes and three girls said they did not want parenting classes.

## ADVOCACY

Thirty-seven GHS items assessed areas of life that are associated with risk and resilience. Girls were asked about areas of their life that can increase their health risk factors or increase their functional resilience factors. When girls reported negative data, they were indicating increased risk of future health and social problems. Positive information suggested that an area of life would support current and future development. Most girls (n=98, 84%) felt positively about their friends, and 73 (62%) reported there were other positive aspects to their lives. Only four girls (3%) said there were no positive resilience factors in their lives.

*Healthcare and Wellness.* Access to healthcare was a problem for some subjects. Most girls (n=92, 79%) said they had health insurance, and two-thirds (n=77, 66%) said they had a regular healthcare provider. Three girls said they obtained healthcare by going to the emergency room. Five girls said they had seen a doctor since last giving birth. Girls identified several types of barriers to health care, including expense, lack of insurance, lack of transportation, and lack of childcare. More than one fourth (n=33, 28%) of the sample said they could not access healthcare because of some other type of barrier. Eleven girls (9%) said they had experienced health problems in the past year for which they did not get treatment. Fewer than half of the girls (n=50, 43%) had had a vaginal examination within the past year, and less than one-third (n= 33, 28%) had had a breast examination in the past year. Three girls said they wore braces. Fifty-nine girls (50%) said they had been to the dentist in the previous year, and 16 (14%) felt their teeth affected their appearance.

*Mental Health.* Subjects reported a variety of mental health problems that could negatively impact their functioning. Twenty-eight (24%) of girls said they had a history of anxiety disorder. Fifty (43%) said they had a history of behavioral problems, while 49 (42%) said they had a history of arguing or fighting with others. Sixteen (14%) reported they had a history of Bipolar Disorder and 48 (41%) said they had a history of depression. Thirty-two (27%) said they other emotional problems, and 15 (13%) said they had learning disorders. Nine girls (8%) reported they had been diagnosed with a mental illness other than those listed on the GHS. One reported she had a history of (non-specific) psychosis, and three (2%) said they had been diagnosed with schizophrenia. Eight girls (7%) reported a history of trauma, and six (5%) said they had a history of other mental health problems. On a positive note, 25 (21%) girls said they had no history of emotional, psychological or behavioral problems.

*Substance Abuse.* A third of girls (n=39, 33%) said they had participated in 12-step treatment programs for alcohol or drug abuse. Thirty-seven (32%) had received treatment other than a 12-step program for chemical dependency. Nine had completed inpatient rehabilitation and two had lived in drug-free half-way homes. Three (2%) said they had been in alcohol detoxification, and 11 (9%) they had received drug detoxification treatment. Six girls (5%) said they had never had treatment, but had received alcohol education. Fifteen (13%) said they had received drug education only. Twenty-six girls (22%) requested referral for treatment after their release from detention.

*Home Life and Neighborhood.* Food, shelter and safety problems figured prominently in the history of these subjects. Forty-two (36%) of the girls said they had experienced homelessness at some time in their lives. Eleven girls (10%) said they did not have enough food to eat at home, while three (2%) said they did not have adequate clothing, and one girl said she did not have shoes. Most girls (n=113, 97%) said they had adequate feminine hygiene products at home. Fifty-five girls (47%) said they lived in neighborhoods plagued by gang activity, and 28 (24%) said they had been gang-involved. Thirty-seven (32%) said it was common for people in their neighborhood to carry

weapons, 20 (17%) said there weapons in the home where they lived, and 37 (32%) said they had carried weapons in the past.

*Educational Programming.* Academic success and school enjoyment are resilience factors that predict social adaptation and economic stability. Sixty-five girls (56%) said they had been on the honor roll at school in the past, and many (n=74, 63%) said they had positive feelings about school. Thirty-two girls (27%) said they had held a job in the past year. However, most girls (n=90, 77%) said they had been suspended or expelled from school, and 28 (24%) said they had dropped out of school altogether. About one-third (n=35, 30%) said they had received special education services while they were in school, and about one-quarter (n=32, 27%) said they had been retained at least one grade.

*Resilience.* Social support can provide a buffer against risk factors. Most girls (n=105, 90%) said they had at least one close friend who cared about them, and 111 (95%) said that at least one adult cared about them. Thirty-one (26%) had spent time away from home in a foster care placement. Nine girls (8%) said they had no one to pick them up when they were released from detention. A similar number (n=9, 8%) said they did not have a safe place to live outside of detention.

Girls reported a variety activities and sports as a regular part of their lives. Forty girls (34%) said they participated in exercise daily. Twenty-five (21%) said they exercised at least once each week, 14 (12%) reported they exercised a few times each month, 12 (10%) said they exercised once each month or less. Twenty girls (17%) said they engage in no type of exercise or physical activity. Sixty-two girls (53%) said they had positive involvement in sports of some kind, and 80 (68%) said they had positive hobbies or other recreational pursuits.

## CONCLUSIONS

The GHS showed that the girls interviewed had the types of public health, mental health, substance abuse and social problems that are typical of detained populations. In addition, girls described problems such as menstrual period symptoms, high-risk sexual behaviors, challenging living environments, and exposure to a variety of traumatic events.

The subjects who responded to the GHS generally were willing to answer questions about sensitive areas of their lives. Their answers provided information that could be used to identify areas in need of immediate attention or additional assessment for treatment. There were some items that appeared problematic, specifically, ethnicity and racial background, and history of pregnancy and childbirth. The source of discrepancies in these items could be due to the structure of the questions (i.e., ethnicity and racial background), or to the sensitive nature of the information (i.e., discrepancies in reports of pregnancy, delivery and children). In both of these cases, it may be that the sequence of questions contributed to some confusion for the girls. Alternatively, the language adopted in the items may reflect a conflict between the author's goals of specificity and clarity and the girls' familiarity with their own lives and circumstances.

### Part III: Data from the Physical Examination

#### INTRODUCTION

Girls at the three detention centers were administered physical examinations (PE) by qualified healthcare providers. Among the three sites, five physical examinations were conducted at Santa Cruz, 108 at San Diego, and 35 at Philadelphia, for a total of 148. Girls were asked about their current symptoms and the history of those symptoms in a number of pertinent areas. Many of the questions paralleled the GHS items, creating a potential for contrast between self-report in an impersonal setting (GHS) and self-report to an individual healthcare provider on the PE.

After obtaining an exhaustive medical history, the healthcare providers conducted a physical examination. Some girls were administered laboratory tests. A health summary was written for each girl by the healthcare provider. Their most significant problems were summarized, and each one was rated on a Likert scale from 1 (“Not important here”) to 10 (“Emergency”).

Thirty-one girls who had physical examinations did not have corresponding GHS data. This may have occurred because the study used a record review methodology. In record review studies, data that has been collected as a matter of usual procedures is obtained from extant records. One of the limitations of this method is that some subjects may have missing data because of inconsistent administration of the usual procedures.

#### CURRENT PROBLEMS

Girls were initially asked open-ended questions regarding any concerns about their own health. Twenty-four (24%) said they had some type of problem. Three girls reported bumps on their head, while three others reported headaches. Three girls were concerned about their weight. One girl reported injury and pain from a recent physical altercation. Two girls reported back pain from scoliosis. Three girls reported vaginitis, and one girl requested testing for sexually transmitted infections. One girl reported chronic sinusitis, and two reported recent exacerbations of asthma. One girl reported a recent EKG with first degree AV blockage. Five girls reported a history of mental illness, including one girl who said she was experiencing auditory and visual hallucinations that were not drug-related. Two girls requested psychiatric medications for conditions for which they had previously been treated.

When girls were asked about their history of health problems and any current symptoms, 12 (10%) said they were experiencing dizziness at the time of the physical examination. Seventeen girls (14%) reported current fatigue. One girl said she had recently had a seizure. One girl said she had already asked for medical attention (sick call) in detention before her intake physical examination.

## DRAFT: FOR DISCUSSION PURPOSES

Five girls (4%) said they had a runny nose and two complained of sinus pain, but none reported nosebleeds. Six girls (5%) reported current problems with breathing, and 4 were wheezing at the physical exam. Eight girls (7%) complained of a current cough. There were no complaints of current fever.

Four girls (3%) reported recent weight loss. Eight girls (7%) said they were experiencing change of appetite and 12 (10%) said they were constantly thirsty. There were no reports of high blood pressure.

Six girls (5%) had current itching. No girls reported rash, but four (3%) said they had lice, crabs, or skin infections. Seven girls (6%) said they had problems bruising or bleeding easily, and two had recent burns. Five girls (4%) reported recent hair loss. Two reported dandruff. Three girls said they experienced tingling in their hands and feet. There were no reports of infected piercings or tattoos, and no reported nail problems.

Twenty girls (17%) reported having a headache at the time of the physical examination. Sixteen girls (14%) reported back pain in detention and six (5%) reported some other type of pain. Five (4%) said they were experiencing current chest pain. Two girls said they were experiencing heart palpitations in detention. Six (5%) complained of heartburn. Seven girls (6%) said they had belly pain in detention, and one reported diarrhea. Four girls (3%) reported constipation. Two girls reported nausea and one reported vomiting. Three complained of urinary discomfort and four reported constant urination. None of the girls reported blood in their urine, but 5 girls (4%) said they had bloody stool.

Twenty-two girls (19%) reported they had vision problems. Three (3%) had red or sore eyes, two had current eye drainage. Three girls (3%) reported current hearing problems, and two were experiencing earaches. Five girls (4%) complained of ringing in their ears. Fourteen girls (12%) said they currently had problems with their teeth, and 14 (12%) said they were experiencing bleeding gums. There were no problems reported with chewing. Two girls reported current bad breath, and two complained of problems swallowing. Three girls said they had a sore throat, and two said their voices were changing.

Seven girls (6%) said they had breast tenderness and two reported lumps in their breasts, but there were no reports of discharge from the breasts. Five girls (4%) were experiencing a heavy menstrual period in detention; 11 (9%) said they had recently missed a period. None of the girls reported current vaginal pain, although two had vaginal discharge and one reported vaginal sores. Four reported vaginal itching. One girl reported recent pain during sexual intercourse, and one girl reported anal bleeding. None reported sores on the buttocks or anus.

Four girls said they currently experienced stiffness in their limbs, and two had swelling in their feet or ankles. Five said they were having joint pain, and three had numbness in their hands or feet. One girl complained of swollen glands. Two complained of swelling in their necks, and 3 said they had stiff necks.

Twenty girls (17%) said they were depressed, and four said they were having manic symptoms. Three girls said they were experiencing hallucinations in detention. Six (5%) reported non-specific psychiatric problems. Eight girls (7%) said they currently felt agitated, and 13 (11%) said they had problems concentrating.

## MEDICAL HISTORY

The girls were asked about aspects of their health history. Fifteen girls (13%) said they were not healthy babies. They reported problems such as prematurity, jaundice, pneumonia, anoxia, and heart problems. Four girls reported they were prenatally exposed to drugs or alcohol, or born chemically dependent.

Forty-four girls (37%) said they had a history of any medical problems. About 30% (n=40) said they currently had one or more health problems, including mental health concerns. Forty-six girls (39%) said they had ever been hospitalized overnight, and 30 (26%) said they had had some type of surgery. Thirteen had a history of serious accident or injury. Eighteen girls (15%) said they had experienced a head injury with loss of consciousness in the past year. Injuries during the past year included broken bones (n=4), stitches (n=9) and severe burns (n=4). Thirty girls (26%) said they had some kind of allergy, and three reported chronic infections. Thirty girls (26%) said they needed eyeglasses, but only six had glasses with them in detention. Ten (8%) girls said they had tested positive for tuberculosis in the past; but only four reported a negative chest x-ray.

Thirty-nine girls (33%) said they were currently taking prescribed medications. Seventy girls (63%) said they were current on their immunizations, and 86 (85%) had had a tetanus shot in the past 10 years. Sixty girls (58%) said they had received both Hepatitis A immunization shots. Seventy-three (70%) said they had received all three of the Hepatitis B shots. Twenty-four (23%) girls said they had both varicella vaccinations, and 54 (51%) said they had had chicken pox.

Eighty-seven (74%) of girls said they had been tested for sexually transmitted diseases in the past. Fourteen (18%) first STI tests were positive, while only two girls tested positive on subsequent tests. Sixty-eight (60%) girls said they had been tested for HIV and sixty-five had negative results.

Twenty-one girls (18%) said they had ever been pregnant. Twelve girls said they had been pregnant only once, five had been pregnant twice, and one girl reported three pregnancies. Six girls said they had prenatal care during pregnancy and one did not have any medical care. Seven girls reported they had obtained abortions and four girls said they had given birth. Five girls (9%) said they were currently pregnant and one thought she might be pregnant.

Eleven girls (9%) reported they had engaged in self-harm in the past year, and 9 (8%) said they had experienced some type of abuse in the past year. Eighteen girls (15%) said they had weight problems or eating disorders.

## FAMILY HISTORY & HEALTH HABITS

Forty-one girls (34%) reported a family history of physical or mental illness. Regarding living circumstances, five girls (4%) said they did not get enough to eat at home. They reported a mean number of 8 hours of sleep per night, with a range between 2 and 16 hours. Most (n=100, 83%) felt they got enough sleep on a regular basis. Eighty-two (68%) said they had regular exercise habits.

## MENSTRUAL HISTORY

Girls reported a mean age of 12 years for their first menstrual periods, with a range from 8 to 16 years. Most girls (n=96, 77%) said they had a period every month, 14 (11%) said they had a period every other month, 8 (6%) had a period less than every two months, and 7 (6%) said they did not have periods. Seventy-two (61%) said they experienced cramps or other pain with their periods, and one-third (n=43, 36%) said they had missed school or work because of severe menstrual discomfort.

## SOCIAL HISTORY

Girls reported a range of academic achievement, from fourth to twelfth grade, with a mean of ninth grade. Forty-two (34%) said they had been retained one or more grades, and 28 (23%) said they had received special education services. About one-third of the respondents (n=40, 34%) said they had held employment for more than one day.

Twenty-three girls (18%) had been homeless in the past year. Sixty-five (52%) said they lived in neighborhoods where gangs were active, and 55 (44%) said people commonly carried weapons in their neighborhood.

Twenty-four (20%) said they had experienced feelings of hopelessness and 25 reported suicidal ideation. Fourteen girls (11%) said they had attempted to kill themselves, and one said she wanted to kill herself now.

Fifty-three (44%) of girls said they had smoked cigarettes in the past month, fifteen said they currently smoked cigarettes. Forty-seven (39%) said they had used alcohol in the past month, and 14 said they had used in the past week. Seventy-six (63%) said they had ever been drunk, 39 (36%) said they had experienced black-outs with alcohol use and 39 said they had experienced memory loss with alcohol. Fifteen (12%) said others had told them they used too much alcohol, while only 7 (6%) said they agreed. Thirty-nine girls (32%) said they had used drugs in the past month. Twenty-seven girls (22%) said they had been told by others that they over-used drugs and 18 (15%) said they agreed. Eleven girls (9%) reported intravenous drug use. Thirty-six (30%) girls said their alcohol and drug use interfered with their day-to-day responsibilities. A similar number (n=36) said they had engaged in behavior while drunk or high that they had since regretted.



## SEXUAL HISTORY

One hundred and one girls (84%) said they had engaged in sexual intercourse. The age of first intercourse ranged from five to seventeen years. Eleven girls (9%) said they had engaged in anal intercourse, and 59 (49%) reported engaging in oral-genital contact. Fifty-two girls (44%) reported a single sexual partner in the past six months, 18 (15%) reported two partners, 10 (8%) reported three partners, six (5%) reported four partners, and five (4%) reported five partners. Two girls reported they had had 35 sexual partners in the past six months. Most girls (n=95, 80%) reported their sexual partners were exclusively male, 6 (5%) reported exclusively female partners, and 13 (11%) both male and female partners. Twelve girls (10%) said their sexual partners were intravenous drug users.

Forty-nine girls (41%) reported that they had engaged in sexual encounters while they were drunk or high. Twenty-two (18%) girls said they had been forced to have sex. Eleven (7%) had nightmares about the experience while 10 (7%) reported intrusive memories. Five (3%) reported they became afraid to leave the house after sexual assault.

Sixty-two (61%) girls said they had used birth control of some type. Sixty-seven girls (54%) said they used condoms at least once. Fifty-three girls (46%) said they had used a condom during the most recent sexual intercourse, and 45 (40%) said they used condoms every time. Twelve girls (10%) said that, in the past six months, a condom they were using had broken. Twenty-four girls (19%) reported that they used birth control pills, and 15 (12%) reported long-acting birth-control medicines (e.g., Depo-Provera). Only one girl said she used birth control delivered through a skin patch. Three girls reported that they relied on withdrawal for birth control. The morning after pill and the Nuva ring were used by one girl, each. None of the girls reported using spermicide, the rhythm method or an intrauterine device (IUD). None of the girls admitted to never having used birth control.

## HEALTHCARE PROVIDER OBSERVATIONS

Only 3 girls (2%) did not appear to be well when they were evaluated. Most (n=117, 98%) were cooperative with the evaluation. Three were not alert, and six (5%) were obviously distressed. One girl was confused during evaluation. Two girls had abnormal speech patterns and four had abnormal mental status exams. Seven appeared depressed, and one admitted suicidal ideation resulting in suicide watch. None of the girls appeared to be overly anxious.

Three girls were flushed, one because of elevated body temperature. Two girls were wheezing, and 6 (5%) had other abnormal breath sounds, including rales. One girl had an irregular heart rate or rhythm and one had a "cardio click." Two girls had an abnormal smell about them.

Six girls had red, irritated scalp, and all six showed evidence of lice. Two girls had scaling scalp, one because of severe seborrhea. Three girls showed evidence or complained of hair loss, mostly from harsh treatment (e.g., dying, braiding, etc.). Thirty-

one girls (27%) had tattoos. Ten girls had piercings to body parts other than ears, mostly belly button, lip or tongue. One girl had a belly ring piercing that had become infected. One girl was found to have a laceration under her chin that was healing. Two girls showed hyperpigmentation and one showed hypopigmentation. Four girls exhibited keloid, mostly to ear piercings. Four girls had hypertrophic scars, and four had excoriation. Two had lichenification from eczema.

Sixteen girls (13%) were observed wearing glasses or contact lenses. Most girls (n=116, 98%) had pupils equal, round, reactive to light and accommodation (PERLLA). One of the two girls with negative PERLLA had cataracts and eye trauma. Six girls (5%) had observed nystagmus. Two girls were noticed to have red conjunctiva and three had misshapen eyes (fundi). All girls but one had normal EOM.

Six girls (5%) had ear problems, including scar tissue and infection, and five had impacted cerumen. Twenty girls (17%) had abnormal tragus pinna. Three had sinus discharge with inflamed and swollen membranes. Seven girls had distorted nasal passages and two girls had tender sinuses.

Eighteen girls (15%) had abnormal tonsils, one had aphthous ulcer and five had gingivitis. Fifteen (13%) had observable dental caries, and nine (8%) had craters or broken teeth. Two girls had geographic tongue and four girls could not move their tongues normally. Two girls were unable to open their mouths because of limitations to the range of motion in their necks. Altogether, 8 girls (7%) had limited neck flexion or extension. One girl had submandibular swollen nodes. Four girls had abnormal thyroid, and 18 (15%) had abnormal neck FROM. Eleven girls (9%) had abnormal neck symmetry and one girl had a neck mass.

Eighteen girls (12%) had asymmetrical breasts, and 6 reported breast tenderness. Six girls (5%) had vaginal discharge and one had vaginal lesions. One girl had an infected vaginal piercing. One had urethral prolapse. Forty-nine girls (42%) had an abnormal cervix, and 21 (18%) had cervical motion tenderness. Nine girls (10%) tested positive for chlamydia and one tested positive for syphilis. None were positive for gonorrhea. Three had abnormal pap smears, and four were pregnant.

Five girls (4%) had abdominal scars and four had abdominal tenderness. Twenty (17%) had abdominal striae. Three had unusual bowel sounds. Twenty (17%) had adnexal mass and tenderness. Seven girls had tender inguinal nodes. One girl had an anal lesion, and 27 (23%) had abnormal rectal exams.

Four girls (3%) had abnormal shoulders and two had abnormal elbows. Three girls had abnormal wrists and three had abnormal hands. Three had abnormal fingers. Three had abnormal hips and four had abnormal knees. Five had abnormal ankles. Three had abnormal feet, and four had abnormal toes. One girl had erythema in her left great toe. Two girls had observed scoliosis and three girls had back tenderness. Three girls had abnormal gait, and four could not hop normally. Three did not have a normal tandem

walk. One had abnormal alternating movements. Two exhibited tremor and four had abnormal sensations.

## HEALTHCARE SUMMARY

The most common problem identified was some type of mental health problem, including sleep disturbances (n=3), need for psychiatric medications (n= 9), hallucinations (n=3), thought disturbances (n=2), mood problems (n=19), suicidal ideation (n=4), inattention (n=4), anxiety (n=5), and eating disorder (n=1). One girl had a significant family history of mental illness, and five girls were referred for psychological evaluations. Substance abuse problems were identified in five girls. One girl showed evidence of IVDU, and one girl was in need of detoxification.

The second most frequent problem was pain, including headaches (n=16, 11%) and other types of pain (n=20, 14%). Reproductive health problems were the third most commonly observed problem. Problems ranged from vaginitis (n=3), to menstrual problems (n=5), and sexually transmitted infection (n=1). Seven girls had urinary tract infections. Three girls were pregnant and two had significant sexual abuse history. Two girls were referred for additional gynecological evaluation and treatment.

Eighteen girls (12%) had dental problems, and 13 (9%) had vision problems. Five had some type of orthopedic problem. There were several minor digestive problems. Three girls had heartburn and one girl was nauseated. Two girls had diarrhea and five girls were constipated. Some girls had upper respiratory conditions, including asthma (n=6), coughing (n=4) and sinusitis (n=1). Six girls (4%) had skin problems. Two girls had hair loss and five had head lice.

There were a few instances of potentially serious conditions. Three girls had some type of infection (other than urinary tract infection and sexually transmitted infection) and two girls were prescribed antibiotics. Two girls had hepatitis. Four girls had seizure disorders. There were single incidences of high blood pressure, heart palpitations, and rhabdomyolysis. Several girls had other problems such as dizziness (n=8), fatigue (n=7) and weight changes (n=4). Two girls declined one or more parts of the physical examination.

## PRIMARY PROBLEM WITH LIKERT RATING

After summarizing each girl's health problems, healthcare providers selected one problem as the primary concern for a girl. The most commonly identified concerns were dental problems (n=11; mean rating = 8) and mental illness (n=11; mean rating = 8.2). Dental problems included caries, crooked teeth, gingivitis and tooth decay. Mental health problems were mostly mood disorders, thought disturbances, and suicidal ideation. Infections (n=6, mean rating = 4) and skin problems (n=6, mean rating = 4.6) were the next most common primary problems. Pain (n=5; mean rating = 5.5) and vision problems (n=5; mean rating = 6.6) were next, followed by constipation (n=4; mean rating 9) and lice (n=4; mean rating = 8). Abnormal heart sounds were noted three times (mean rating

## DRAFT: FOR DISCUSSION PURPOSES

= 5). Asthma (mean rating = 5.5), dizziness (mean rating = 3.5), orthopedic problems (mean rating = 8.5), pregnancy (mean rating = 8.5), vaginitis (mean rating = 6.5), and weight loss (mean rating = 8) occurred twice each as a primary problem. Seizures (rating = 5) and hair loss (rating = 1) occurred only once as primary problems.

### CONCLUSION

The PE used in the study was thorough, and included a self-report of symptoms and medical history (by the girls), an examination by the healthcare provider, and a summary of problems identified by the provider. The majority of the items on the PE had few, if any, responses, but this is to be expected in such a comprehensive assessment.

The PE found problems of the kind typical of institutional settings, such as head lice. Mental health and substance abuse were common aspects of the girls' lives. A number of infrequent medical problems (e.g., pregnancy, rhabdomyolysis) were identified, as well. The number of conditions reported that were related to menstrual problems, sexually transmitted infections, birth control, and pregnancy reflect the girls' gender-specific and needs for developmentally relevant health care.

#### Part IV: Results of GHS and Physical Examination Comparison

The goal of the GHS study is to identify which screening questions are useful to identify health concerns that can be triaged for immediate response, care and treatment, or advocacy intervention in girls' lives. The PE was constructed to obtain three types of information: the girl's self-report of symptoms; the healthcare provider's ("provider") observations; and an opinion from the provider regarding the individual's primary health concerns. All three types of PE information were compared to GHS items.

GHS items were compared to similar or related items from the physical examination (PE) using chi-square analyses to evaluate the strength of association. Chi-square analysis is a fundamental form of comparison similar to but less specific than item response theory analysis and differential item functioning analysis. This approach allowed for identification of meaningfully predictive GHS items with sufficient tolerance for the unique characteristics of physical health information.

#### DEMOGRAPHIC ITEMS

One hundred and twelve girls completed both the GHS and the PE. About 76% of the girls were detained at the San Diego facility, 20% from the Philadelphia facility, and about 4% from Santa Cruz. The sample was very similar in age to the larger group of girls who completed the GHS (Mean = 15.59,  $sd = 1.28$ ; range = 12 to 18). Self-reported age (Mean = 15.59,  $sd = 1.26$ ) was the same as the calculated age.

Forty-nine girls (44%) identified themselves as Hispanic or Latina, mostly Mexican, Mexican-American or Chicana ( $n = 29$ , 66% of those identifying as Hispanic or Latina). Others said they were Central or South American ( $n = 3$ , 7%), Puerto Rican ( $n = 4$ , 9%), or of Mixed Hispanic background ( $n = 7$ , 16%). With regard to racial background, girls self-identified as Black/African-American ( $n = 31$ , 28%), Mixed Racial Background ( $n = 26$ , 23%), White/Caucasian ( $n = 19$ , 17%), Asian/Pacific Islander ( $n = 3$ , 3%) or Native American, Aleut, or Eskimo ( $n = 2$ , 3%). As indicated earlier, a substantial number of girls ( $n = 31$ , 28%) did not indicate a racial background, perhaps because they had self-identified as Hispanic or Latina.

#### URGENT RESPONSE ITEMS

There are 46 questions about emergent health care needs on the GHS. They fall into three general categories of Acute or Potentially Acute Conditions, Contagious Conditions, and Infrequent but Potentially Serious Conditions.

*Acute or Potentially Acute Conditions.* Reports of current pain on the GHS were associated with self-reports of chest pain ( $X^2 = 3.07$ ,  $p = .08$ ), belly pain ( $X^2 = 10.24$ ,  $p < .01$ ), and back pain (past,  $X^2 = 5.42$ ,  $p < .02$ ). Pain that was identified by the healthcare provider as a significant health concern was also associated with this item ( $X^2 = 5.3$ ,  $p < .03$ ).

Girls' report of recent substance abuse on the GHS was confirmed by self-report on the PE. Those who said they had consumed four or more drinks in the 24 hours prior to detention also said they had used alcohol in the past month ( $X^2 = 3.22, p = .073$ ). Those who said they had used drugs in the 24 hours before being detained said they had used alcohol in the prior week ( $X^2 = 6.66, p < .01$ ).

Girls who said on the GHS that they had spent time at an inpatient psychiatric facility in the previous six months also reported depression ( $X^2 = 5.55, p < .02$ ) and other psychiatric problems ( $X^2 = 14.61, p < .01$ ) during the PE. They were more likely to report that they had attempted suicide ( $X^2 = 10.15, p < .01$ ), experienced sexual abuse ( $X^2 = 4.85, p < .03$ ) and engaged in self-harm during the past year ( $X^2 = 12.92, p < .01$ ). The healthcare provider found them to be depressed ( $X^2 = 5.42, p < .02$ ), and reported that the girls were likely to have sleep disturbances ( $X^2 = 14.34, p < .01$ ) and mood disorders ( $X^2 = 5.84, p < .02$ ).

Problems with visual hallucinations reported on the GHS were an indication of several other types of problems. Hallucinations were likely to be current ( $X^2 = 7.38, p < .01$ ), and difficulties with concentration ( $X^2 = 15.19, p < .01$ ) suggested potential thought disturbances. Dizziness ( $X^2 = 2.74, p = .098$ ) and fatigue ( $X^2 = 7.59, p < .01$ ) were also reported. Providers said the girls appeared confused ( $X^2 = 6.92, p < .01$ ) and were experiencing dizziness ( $X^2 = 6.02, p < .02$ ). Auditory hallucinations on the GHS were associated with problems concentrating ( $X^2 = 7.94, p < .01$ ), agitation ( $X^2 = 4.15, p < .03$ ), and fatigue ( $X^2 = 3.04, p = .081$ ). Providers observed confusion ( $X^2 = 6.46, p < .02$ ) and identified hallucinations ( $X^2 = 13.17, p < .01$ ), thought disturbances ( $X^2 = 13.17, p < .01$ ), mood symptoms ( $X^2 = 3.83, p = .05$ ), inattention ( $X^2 = 4.79, p < .03$ ) and dizziness ( $X^2 = 5.59, p < .02$ ) as primary health concerns.

Two GHS items asked about potential thought disturbances. Girls who said their mind played tricks on them reported current hallucinations ( $X^2 = 7.22, p < .02$ ), difficulty concentrating ( $X^2 = 4.0, p < .05$ ), dizziness ( $X^2 = 4.0, p < .05$ ), and fatigue ( $X^2 = 3.47, p = .062$ ). Providers found them confused ( $X^2 = 3.47, p < .05$ ) and depressed ( $X^2 = 7.08, p < .01$ ). Delusions of control on the GHS were associated with PE self-reports of dizziness ( $X^2 = 7.2, p < .01$ ) and fatigue ( $X^2 = 5.3, p < .04$ ), and a history of hopelessness ( $X^2 = 3.06, p = .08$ ) and suicidal ideation ( $X^2 = 3.73, p = .053$ ). Providers observed confusion ( $X^2 = 26.5, p < .01$ ) and depression ( $X^2 = 3.3, p = .082$ ).

Self-harming behaviors inventoried on the GHS were associated with a history of hopelessness ( $X^2 = 13.56, p < .01$ ), suicidal ideation ( $X^2 = 19.07, p < .01$ ), suicide attempts ( $X^2 = 11.93, p < .01$ ), and self-harm within the past year ( $X^2 = 22.92, p < .01$ ). Providers observed confusion ( $X^2 = 3.3, p = .069$ ) and depression ( $X^2 = 4.36, p < .04$ ), and identified suicidal ideation as a primary health concern ( $X^2 = 3.26, p = .071$ ). Recent self-harm (in the past month) on the GHS was associated with other self-harm in the previous year ( $X^2 = 9.38, p < .01$ ), suicidal ideation ( $X^2 = 5.49, p < .01$ ), and suicide attempts ( $X^2 = 6.45, p < .02$ ).

Recent hopelessness on the GHS was associated with several mental health symptoms on the PE. Girls described associated depression ( $X^2 = 9.5, p < .01$ ), fatigue ( $X^2 = 4.38, p < .04$ ), past hopelessness ( $X^2 = 7.82, p < .01$ ), and suicidal ideation ( $X^2 = 3.2, p = .074$ ). Depression ( $X^2 = 3.8, p = .051$ ) was noted by providers, and mood problems ( $X^2 = 3.39, p = .065$ ) and suicidal ideation ( $X^2 = 6.7, p < .01$ ) were primary health concerns.

Girls who indicated suicidal ideation on the GHS reported a history of hallucinations ( $X^2 = 3.56, p = .059$ ), agitation ( $X^2 = 3.08, p = .079$ ), hopelessness ( $X^2 = 12.0, p < .01$ ), and suicide attempts ( $X^2 = 31.36, p < .01$ ). Providers observed depression ( $X^2 = 5.08, p < .03$ ), indicated that suicidal ideation ( $X^2 = 9.65, p < .01$ ) was a primary health concern, and were likely to refer girls for additional mental health evaluation ( $X^2 = 3.06, p = .08$ ). Homicidal ideation on the GHS predicted a number of PE symptoms, such as hallucinations ( $X^2 = 7.15, p < .01$ ), problems concentrating ( $X^2 = 9.25, p < .01$ ), depression ( $X^2 = 3.99, p < .05$ ), mania ( $X^2 = 3.28, p = .07$ ) and fatigue ( $X^2 = 3.28, p = .07$ ). Providers identified primary health concerns with mood ( $X^2 = 3.3, p = .069$ ), inattention ( $X^2 = 6.55, p < .01$ ), and a family history of mental health illness ( $X^2 = 3.47, p = .062$ ). These girls were likely to be referred for mental health evaluation ( $X^2 = 4.21, p < .04$ ).

A self-report of past forced sexual activity on the GHS was predictive of items on the PE, such as problems concentrating ( $X^2 = 2.96, p = .086$ ), depression ( $X^2 = 19.19, p < .01$ ), and fatigue ( $X^2 = 6.29, p < .02$ ). There was associated history of self-harm ( $X^2 = 17.4, p < .01$ ) and abuse of any type ( $X^2 = 3.65, p = .056$ ) in the past year. Girls described a family history of medical, psychiatric, or chemical dependency problems ( $X^2 = 3.24, p = .072$ ), suicidal ideation ( $X^2 = 10.64, p < .01$ ) and suicide attempts ( $X^2 = 12.84, p < .01$ ). Providers identified the need for mental health medications ( $X^2 = 6.23, p < .02$ ) and mental health evaluation ( $X^2 = 4.28, p < .04$ ) as primary health concerns. Girls who reported on the GHS that they had been sexually assaulted in the past five days reported feeling agitated on the PE ( $X^2 = 3.76, p = .052$ ).

Girls who said on the GHS that they had been involved in gang fighting told providers that gangs were common in their home neighborhood ( $X^2 = 3.84, p = .05$ ). Those who said on the GHS that there was a person in the detention center who was threatening to them, they indicated on the PE that carrying weapons was customary in their home neighborhood ( $X^2 = 2.7, p = .098$ ).

Girls who reported that they wore or needed eyeglasses or contact lenses on the GHS were likely to endorse a history of vision problems ( $X^2 = 28.36, p < .01$ ), current vision problems ( $X^2 = 26.38, p < .01$ ), and to say that they were experiencing drainage from their eyes ( $X = 2.75, p = .097$ ). Providers were more likely to note that these girls needed glasses or contact lenses ( $X^2 = 15.34, p < .01$ ) and exhibited red conjunctiva ( $X^2 = 2.73, p = .098$ ), and to identify vision as a primary health concern ( $X^2 = 10.78, p < .01$ ). Girls who reported on the GHS that they needed a hearing aid also reported on the PE that they needed a hearing aid ( $X^2 = 27.16, p < .01$ ) and had hearing problems at detention ( $X^2 = 47.08, p < .01$ ).

When girls reported on the GHS that they had problems with standing, bending, climbing, or walking, they were likely to report on the PE a history of stiff limbs ( $X^2 = 3.68, p = .055$ ), swollen extremities ( $X^2 = 6.03, p < .02$ ) or a stiff neck ( $X^2 = 5.4, p < .02$ ). Providers noted problems with walking ( $X^2 = 5.58, p < .02$ ) and hopping ( $X^2 = 3.68, p = .055$ ). Girls who reported problems lifting or holding objects on the GHS reported stiff limbs ( $X^2 = 13.12, p < .01$ ) and swollen extremities ( $X^2 = 3.72, p = .054$ ) on the PE. Providers were likely to find these girls had scoliosis ( $X^2 = 14.85, p < .01$ ).

Girls who reported on the GHS that they took daily medications reported the same information on the physical examination ( $X^2 = 32.84, p < .01$ ). Girls who said on the GHS that they had been in an accident or otherwise injured in the previous week said on the PE that they had had stitches in the past year ( $X^2 = 4.6, p < .04$ ). However, none of the girls who completed the GHS currently had stitches. Loss of consciousness within the 48 hours prior to being detained was not associated with recent head injury, but was associated with substance abuse ( $X^2 = 4.95, p < .03$ ) and a history of blackouts when drinking alcohol ( $X^2 = 2.99, p = .084$ ) on the PE.

The PE confirmed other problems from the GHS. When girls reported on the GHS that they were experiencing vaginal discharge, they reported the same on the PE ( $X^2 = 9.07, p < .01$ ), and providers noted the problem ( $X^2 = 4.32, p < .04$ ). Breathing problems reported on the GHS were associated with self-reported breathing problems on the PE ( $X^2 = 19.41, p < .01$ ).

*Contagious Conditions.* The GHS items associated with public health concerns were confirmed by the results of the PE. Girls who reported on the GHS that they had been detained in an adult prison or jail were likely to have a primary health concern with coughing ( $X^2 = 9.88, p < .01$ ), as noted on the PE by healthcare providers.

A history of a positive test for tuberculosis, as reported on the GHS, was associated with a self-reported history of a positive test on the PE ( $X^2 = 9.75, p < .01$ ), but not with a current cough. Girls with positive tests were likely to say during the PE that they had chest x-rays for tuberculosis ( $X^2 = 35.99, p < .01$ ).

When girls reported a cold or flu on the GHS, they were likely to report a history of sore throat ( $X^2 = 4.69, p < .03$ ), cough ( $X^2 = 13.39, p < .01$ ) and treatment for a cough ( $X^2 = 3.94, p < .05$ ) on the PE. Reports of coughing on the GHS were associated with problems swallowing ( $X^2 = 4.97, p < .03$ ) and sore throat ( $X^2 = 10.31, p < .01$ ) on the PE. A report of sore throat on the GHS was associated with a self-report of coughing on the PE ( $X^2 = 6.61, p < .01$ ). Girls who said on the GHS that they had had a fever in the past day reported on the PE that they had swollen glands ( $X^2 = 6.78, p < .01$ ). Severe cough reported on the GHS was associated with self-reported problems swallowing ( $X^2 = 4.59, p < .04$ ), a changed voice ( $X^2 = 7.76, p < .01$ ) and past treatment for a cough ( $X^2 = 3.03, p = .082$ ). Providers were likely to identify cough as a primary health concern ( $X^2 = 3.16, p = .076$ ).



DRAFT: FOR DISCUSSION PURPOSES

When girls said on the GHS that they had problems with lice, scabies or ringworm, they were likely to indicate the same on the PE ( $X^2 = 4.44, p < .04$ ), and the presence of lice was likely to be noted by providers as a primary health concern ( $X^2 = 4.44, p < .04$ ). Itching reported on the GHS was not associated with lice, but was predictive of hyperpigmentation ( $X^2 = 16.47, p < .01$ ).

*Infrequent but Potentially Serious Conditions.* Girls who reported allergies on the PE also reported prescription allergies ( $X^2 = 6.96, p < .01$ ), food allergies ( $X^2 = 14.98, p < .02$ ), or other types of allergies ( $X^2 = 8.1, p < .01$ ) on the GHS. Girls who reported heart palpitations on the GHS also reported a history of palpitations ( $X^2 = 5.13, p < .03$ ) and current palpitations ( $X^2 = 4.73, p = .03$ ) on the PE.

A history of seizures reported on the GHS was confirmed by a seizure history ( $X^2 = 42.38, p < .01$ ) and current seizure disorder ( $X^2 = 20.99, p < .01$ ) on the PE. Providers identified seizures as a primary health concern on the PE for girls who reported seizures ( $X^2 = 39.68, p < .01$ ) or seizure medications ( $X^2 = 3.0, p = .083$ ) on the GHS.

Girls who reported on the GHS that they had had surgery in the previous three months tended to report on the PE a history of any surgery ( $X^2 = 2.91, p = .09$ ), at least one surgery ( $X^2 = 2.81, p = .09$ ), and overnight hospitalizations ( $X^2 = 5.67, p < .02$ ). The girls who said they had diabetes on the GHS did not report frequent urination, thirst, weight change or appetite changes on the PE, and were not given a primary health concern related to diabetes.

Trouble breathing on the GHS was predictive of self-reported history of wheezing ( $X^2 = 12.39, p < .01$ ) and current wheezing ( $X^2 = 16.79, p < .01$ ) on the PE, but not associated with wheezing observed by the healthcare provider. However, there was a trend for girls who complained of trouble breathing to be identified with a primary health concern for asthma ( $X^2 = 2.77, p = .096$ ).

Self-reported pregnancy on the GHS was associated with a history of pregnancy ( $X^2 = 16.7, p < .01$ ), self-reported pregnancy ( $X^2 = 24.0, p < .01$ ), and pregnancy identified as a primary health concern ( $X^2 = 40, p < .01$ ) on the PE.

## CARE AND TREATMENT ITEMS

There are 101 GHS items about non-critical health problems that should be further assessed for treatment. These items comprised Medical History and Physical Complaints, Mental Health and Substance Abuse, and Reproductive and Sexual Health.

*Medical History and Physical Complaints.* Girls who told the healthcare provider (during the PE) that they had had all their immunizations said on the GHS that they had been immunized for chicken pox ( $X^2 = 4.66, p < .04$ ), influenza ( $X^2 = 4.0, p < .05$ ), Hepatitis A ( $X^2 = 9.5, p < .01$ ), Hepatitis B ( $X^2 = 15.56, p = .01$ ), measles ( $X^2 = 5.28, p = .02$ ), meningitis ( $X^2 = 3.52, p = .061$ ), and tetanus ( $X^2 = 5.67, p < .02$ ). Girls who had skipped the GHS questions about immunizations were less likely to report on the PE that they were current on their immunizations ( $X^2 = 4.47, p < .04$ ).

Regarding skin problems, the girls who described rashes on the GHS were likely to report a recent severe burn ( $X^2 = 8.7, p < .01$ ). Girls who said on the GHS that they had been burned also said on the PE that they had been burned in the past ( $X^2 = 5.69, p < .02$ ) or

had current burns ( $X^2 = 9.4, p < .02$ ). Girls who indicated on the GHS that they tended to bruise or bleed easily reported the same problem on the PE ( $X^2 = 13.02, p < .01$ ).

Girls' reports of allergies or hay fever on the GHS were associated with PE self-reports of allergies ( $X^2 = 4.63, p < .04$ ) and fatigue ( $X^2 = 4.74, p < .03$ ). The GHS item for two or more infections in the past year was predictive of self-reported allergies on the PE ( $X^2 = 5.39, p < .02$ ) and fatigue as a primary health concern ( $X^2 = 3.62, p = .057$ ).

Weight loss that was self-reported on the PE was associated with several GHS items, including dieting ( $X^2 = 7.1, p < .01$ ), recent loss of five pounds ( $X^2 = 5.25, p = .073$ ), loss of appetite ( $X^2 = 3.53, p = .06$ ), and other, unspecified reasons ( $X^2 = 19.13, p < .01$ ). Girls who skipped questions about dieting and weight loss on the GHS were likely to have a provider-identified primary health concern of recent weight change on the PE ( $X^2 = 12.5, p < .01$ ). Girls who said on the GHS that they thought they were "fat" were likely to report on the PE that they had an eating disorder-associated weight problem ( $X^2 = 16.58, p < .01$ ). When girls said on the GHS that they had intentionally induced vomiting, providers tended to note an eating disorder on the PE ( $X^2 = 3.08, p = .079$ ). Girls who reported on the GHS that they had ever been hospitalized for an eating problem were likely to have a primary health concern of eating disorder on the PE ( $X^2 = 4.03, p < .05$ ).

Girls who endorsed a head injury or concussion in the previous two weeks on the GHS also indicated on the PE that they had a history of serious accidents or injuries ( $X^2 = 4.56, p < .04$ ). Those with who self-reported a current broken bone on the GHS said they had had broken bones in the past on the PE ( $X^2 = 24.96, p < .01$ ). The GHS item indicated a history of overnight hospitalization was associated with the same item on the PE ( $X^2 = 53.54, p < .01$ ).

When girls reported bladder discomfort on the GHS, they also reported bladder problems on the PE, and providers noted their bladder symptoms. Discomfort or pain during urination on the PE was predicted by GHS items for pain on urination ( $X^2 = 21.74, p < .01$ ), frequent urination ( $X^2 = 11.14, p < .01$ ), and current bladder infection ( $X^2 = 3.26, p = .071$ ). These GHS items also predicted self-reported increased urination and constant urination on the PE. Providers identified bladder problems as primary health concerns for girls who endorsed the related GHS items.

Reporting the need for eyeglasses or contact lenses on the GHS was associated with numerous eye problems on the PE, such as drainage from the eyes ( $X^2 = 2.75, p = .097$ ), self-reported vision problems ( $X^2 = 26.38, p < .01$ ), and a need for glasses ( $X^2 = 37.59, p < .01$ ). Girls who said on the GHS that they had their glasses with them in detention were likely to say on the PE that their eyes were sore ( $X^2 = 2.81, p = .094$ ). Providers observed that the girls who needed glasses or lenses ( $X^2 = 17.38, p < .01$ ), had red conjunctiva ( $X^2 = 7.58, p < .01$ ) and vision problems ( $X^2 = 10.28, p < .01$ ).

Girls who reported problems with their ears on the GHS were likely to report on the PE that they had hearing problems ( $X^2 = 18.93, p < .01$ ) and ringing in the ears ( $X^2 = 9.2, p < .01$ ).

.01). The GHS item of ear problems was also associated with hearing problems noted by the provider on the PE ( $X^2 = 6.53, p < .04$ ).

Dental problems were a major concern among girls on both the GHS and the PE. GHS items for problems chewing, tooth pain and white patches in the mouth were associated with PE items for past and current tooth problems, gingivitis, dental caries, bleeding gums and broken teeth (see Appendix I). The same GHS items also predicted that dental problems would be identified by providers as primary health concerns on the PE. On the positive side, girls who indicated on the GHS that they wore braces were likely to have had a recent dental examination ( $X^2 = 60.65, p < .01$ ).

When girls described problems with their hair on the GHS, they were likely to report similar problems on the PE. Hair loss on the GHS was associated with self-reported hair loss on the PE ( $X^2 = 10.78, p < .01$ ) and a self-reported diagnosis associated with hair loss ( $X^2 = 3.78, p < .05$ ). Girls who said on the GHS that they had no hair problems also reported no hair problems on the PE ( $X^2 = 3.69, p < .01$ ). Girls who chose to skip the hair problems questions on the GHS were likely to report hair loss ( $X^2 = 6.88, p < .01$ ) and a hair loss diagnosis ( $X^2 = 14.0, p < .01$ ) on the PE. Reports of very dry hair on the GHS predicted dandruff ( $X^2 = 5.8, p < .02$ ) and scaling scalp ( $X^2 = 5.9, p < .02$ ) reports on the PE. On the PE, providers noted hair loss problems in girls who endorsed GHS items for hair loss ( $X^2 = 11.54, p < .01$ ) and dry hair ( $X^2 = 2.75, p = .099$ ). Hair loss was a primary health concern reported by providers for girls who chose to skip the GHS hair questions ( $X^2 = 4.74, p < .03$ ).

Asthma problems on the GHS were predictive of self-reported wheezing ( $X^2 = 4.97, p < .03$ ) and breathing problems ( $X^2 = 10.45, p < .01$ ) on the PE. Providers observed wheezing ( $X^2 = 5.75, p < .02$ ) and rales ( $X^2 = 2.85, p = .091$ ) on the PE in girls who reported asthma or breathing problems on the GHS. Asthma was identified as a primary health concern on the PE when girls reported it on the GHS ( $X^2 = 18.15, p < .01$ ), and when girls said they were medication compliant for asthma ( $X^2 = 3.44, p = .063$ ). When girls said on the GHS that they had visited the emergency room for asthma problems, they tended to report problems breathing on the PE ( $X^2 = 3.08, p = .079$ ).

A variety of gastrointestinal discomforts were reported on the GHS. Girls who endorsed recent diarrhea on the GHS were likely to endorse past ( $X^2 = 2.94, p = .086$ ) and current ( $X^2 = 5.2, p < .03$ ) constipation on the PE, and providers were likely to identify constipation as a primary health concern for them ( $X^2 = 5.22, p < .03$ ). GHS items for constipation predicted current self-reported diarrhea ( $X^2 = 10.99, p < .01$ ) and provider reported diarrhea as a primary health concern ( $X^2 = 4.12, p < .05$ ). Constipation on the GHS was associated with past ( $X^2 = 14.27, p < .01$ ) and current ( $X^2 = 23.92, p < .01$ ) self-reported constipation on the PE, and constipation as a primary health concern ( $X^2 = 6.06, p < .02$ ).

Nausea and vomiting on the GHS was associated with self-reported current nausea ( $X^2 = 3.49, p = .062$ ) and current vomiting ( $X^2 = 8.8, p < .01$ ) on the PE, but not with provider descriptions of nausea or vomiting. Heartburn reported on the GHS was also self-reported

on the PE ( $X^2 = 14.06, p < .01$ ), and predictive of heartburn identified by providers as a primary health concern ( $X^2 = 11.0, p < .01$ ).

Girls who endorsed a non-specific question on the GHS about “other stomach problems” were likely to have a diagnosis of hepatitis as a provider-identified primary health concern on the PE ( $X^2 = 4.12, p < .02$ ). The PE diagnosis of hepatitis was also associated with the self-report of anemia on the GHS ( $16.82, p < .01$ ). Anemia (or “low blood”) reported on the GHS predicted provider-identified primary health concerns of cough ( $X^2 = 15.3, p < .01$ ), constipation ( $X^2 = 2.91, p = .088$ ), cigarette smoking ( $X^2 = 4.43, p < .04$ ), and diarrhea ( $X^2 = 7.51, p < .01$ ).

Weakness, tingling or numbness in the extremities, as identified by the GHS, was consistent with self-reported past ( $X^2 = 3.42, p = .065$ ) and current ( $X^2 = 10.55, p < .01$ ) tingling in the extremities, and with current numbness in the hands and feet ( $X^2 = 10.55, p < .01$ ) on the PE. Self-reported fatigue on the GHS predicted self-reported fatigue on the PE ( $X^2 = 6.27, p < .02$ ). Self-reported fatigue on the PE was strongly predicted by a report of thyroid problems on the GHS ( $X^2 = 12.0, p < .01$ ).

A self-report of high blood pressure on the GHS often resulted in a self-reported history of high blood pressure ( $X^2 = 6.3, p < .02$ ) and treatment for high blood pressure ( $X^2 = 14.42, p < .01$ ) on the PE. Providers identified hypertension as a primary health concern for girls who reported high blood pressure on the GHS ( $X^2 = 14.85, p < .01$ ).

*Mental Health and Substance Abuse.* Exposure to traumatic events or potentially traumatic events, as reported on the GHS, was strongly associated with numerous mental health problems on the PE, such as lack of concentration, feeling agitated, depression, fatigue, hopelessness, self-harm and suicidal ideation (see Appendix I). Providers were likely to identify primary health concerns such as need for mental health medications ( $X^2 = 3.4, p = .065$ ), inattention ( $X^2 = 4.31, p < .04$ ) and dizziness ( $X^2 = 2.92, p = .088$ ) for girls who had endorsed traumatic experiences.

Alcohol and drug abuse items on the GHS presaged many types of self-reported substance abuse problems on the PE (see Appendix I), including alcohol blackouts, negative feedback from family and friends, problems with school and other personal responsibilities, regret for past behaviors, and intravenous drug use. GHS items for alcohol and drug abuse indicated primary health concerns of substance abuse, intravenous drug use, cigarette smoking and detoxification (see Appendix I).

*Reproductive and Sexual Health.* Items on the GHS that addressed typical problems of puberty for girls, such as missed periods (when not pregnant), heavy menstrual flow, spotting between periods, and menstrual cramps were predictive of similar items on the PE. Missed periods (when not pregnant) were consistent with heavy menstrual flow, school or work absence because periods, and a primary health concern related to menstrual problems (see Appendix I). In addition, girls who reported vaginal discharge on the GHS endorsed problems with cramping during menstruation ( $X^2 = 3.49, p = .062$ ),

school or work absence because of their periods ( $X^2 = 3.01, p = .083$ ) and a history of missing their periods ( $X^2 = 3.32, p = .068$ ).

Breast health questions on the GHS were not significantly predictive of breast health problems on the PE. GHS questions about sexual orientation and attraction were not predictive of any associated PE items related to sexual and reproductive health. Girls who reported sexual intercourse within the past three months were likely to report they had been pregnant at some time ( $X^2 = 49.92, p < .03$ ) and tended to report a history of abortions ( $X^2 = 3.75, p = .053$ ). Those who said they engaged in anal intercourse in the previous three months reported that they had previously been pregnant ( $X^2 = 6.9, p < .01$ ), that they had custody of their first babies ( $X^2 = 4.0, p < .05$ ), and that they thought they might be pregnant in detention ( $X^2 = 5.45, p = .066$ ).

GHS items for types of birth control used were associated with a history of pregnancy reported on the PE. Specifically, using withdrawal as birth control predicted having had prenatal care ( $X^2 = 6.0, p < .05$ ). Past pregnancy reported on the PE was associated with skipping the GHS questions about birth control ( $X^2 = 3.98, p < .05$ ) and using no form of birth control ( $X^2 = 4.42, p < .04$ ). A history of past pregnancy reported on the GHS resulted in a similar report on the PE ( $X^2 = 88.62, p < .01$ ), as well as a self-report of current pregnancy ( $X^2 = 8.37, p < .02$ ) and a history of having given birth ( $X^2 = 17.21, p < .01$ ). When girls said on the GHS that they had given birth, they were likely to report the same thing on the PE ( $X^2 = 15.81, p < .01$ ).

Questions about health during pregnancies were limited to a very small number of girls, making these questions clinically significant at assessment, but not particularly helpful for screening. One disconcerting significant finding was that girls who reported on the PE that they had ever been pregnant were likely to report on the GHS that they had used drugs or alcohol during their second pregnancy ( $X^2 = 15.6, p < .01$ ).

Girls who said on the GHS that they had had an irregular PAP smear indicated on the PE that they had been tested for sexually transmitted infections (STI;  $X^2 = 10.66, p < .01$ ). A report of any history of STI on the GHS predicted they had been tested for STI's ( $X^2 = 4.74, p < .03$ ), and tested specifically for chlamydia ( $X^2 = 1.9, p < .03$ ). They had a history of using birth control ( $X^2 = 2.8, p = .094$ ), a history of unwanted or forced sexual contact ( $X^2 = 5.39, p < .02$ ), and had used the "morning-after pill" as a form of birth control ( $X^2 = 3.65, p = .056$ ). About 40% of girls who said on the GHS they had a history of chlamydia tested positive for chlamydia on the PE ( $X^2 = 10.82, p < .01$ ). Six percent of girls who reported no history of chlamydia on the GHS also tested positive on the PE. A history of gonorrhea on the GHS was associated with average development of secondary sexual characteristics (Tanner scale;  $X^2 = 4.0, p < .05$ ). Girls who said on the GHS that they had herpes said on the PE that they had experienced unwanted or forced sexual contact ( $X^2 = 5.2, p < .03$ ) and used a condom that broke within the past six months ( $X^2 = 9.59, p < .01$ ). GHS reports of genital warts, syphilis and trichomoniasis were not predictive of PE results, but a positive report of "other" STI's on the GHS predicted a PE report of ever having been tested for STI's ( $X^2 = 9.49, p < .01$ ). When the GHS questions about STI's were skipped, there was an association on the PE with sexual relations with

an intravenous drug user ( $X^2 = 3.67, p = .056$ ), a history of being tested for STI's ( $X^2 = 5.76, p < .02$ ), a history of unwanted or forced sexual contact ( $X^2 = 10.52, p < .01$ ), and use of the "morning-after" pill as a method of birth control ( $X^2 = 55.0, p < .01$ ). Girls were somewhat inconsistent in their reports regarding previous HIV testing ( $X^2 = 57.49, p < .01$ ): most girls who said on the GHS that they had been tested said the same thing on the PE, and most who said on the GHS that they had not been tested said the same thing on the PE. Only a subsample of girls answered the questions regarding the results of their HIV tests or need for treatment for HIV, and the responses obtained were not statistically significant.

Girls who reported a history of pelvic inflammatory disease (PID) on the GHS were likely to say on the PE that they had been tested for STI's in the past ( $X^2 = 4.9, p < .03$ ), practiced oral-genital sexual contact ( $X^2 = 4.23, p = .04$ ), engaged in sexual activity with intravenous drug users ( $X^2 = 19.28, p < .01$ ), had used the "morning-after" pill for birth control ( $X^2 = 26.49, p < .01$ ), and had experienced unwanted or forced sexual contact ( $X^2 = 3.73, p = .053$ ). The GHS item for pain in the lower abdomen in the previous two weeks was associated with similar PE items, including practicing oral-genital sexual contact ( $X^2 = 5.62, p < .02$ ), engaging in sexual activity with intravenous drug users ( $X^2 = 3.74, p = .053$ ), using the "morning-after" pill for birth control ( $X^2 = 3.5, p = .062$ ), and experiencing unwanted or forced sexual contact ( $X^2 = 7.05, p < .01$ ). In addition, girls reporting recent abdominal pain tended to say that they engaged in sexual activity when using drugs or alcohol ( $X^2 = 2.89, p = .089$ ).

## ADVOCACY

*Healthcare and Wellness.* Access to health care services items on the GHS were predictive of health care concerns reported on the PE. Those girls who had had a vaginal examination in the past year were likely to report on the PE that they had a history of heavy menstrual flow ( $X^2 = 3.85, p < .05$ ) or were currently experiencing heavy menstrual flow ( $X^2 = 5.16, p < .03$ ). Having had a breast examination in the past year, as reported on the GHS, was not related to any PE information about breast health.

GHS items about health insurance were associated with PE items for a variety of health conditions, such as having had a bad burn in the past year ( $X^2 = 3.68, p = .055$ ) having recurrent or chronic infections ( $X^2 = 7.26, p < .01$ ), having received all immunizations ( $X^2 = 8.58, p < .01$ ), and having had a positive test for tuberculosis ( $X^2 = 2.99, p = .084$ ). When girls said they had a regular health care provider on the GHS, they were likely to report on the PE that they had had surgery ( $X^2 = 3.09, p = .079$ ), received treatment for allergies ( $X^2 = 5.62, p < .02$ ) or recurrent infections ( $X^2 = 4.16, p < .04$ ), or had a history of a weight problem or eating disorder ( $X^2 = 6.23, p < .02$ ).

The GHS asked about barriers to obtaining medical care, and the results of the PE demonstrated the impact of the obstacles. Girls who said they did not obtain health care because of monetary problems had problems with allergies ( $X^2 = 3.0, p = .082$ ) and recurrent infections ( $X^2 = 5.3, p < .03$ ). Those who had no health insurance also reported problems with recurrent infections ( $X^2 = 16.96, p < .01$ ). Girls who had been tested for

STI's in the past said they could not obtain health care because of inadequate transportation ( $X^2 = 3.12, p = .078$ ) or lack of childcare ( $X^2 = 2.78, p = .098$ ). The lack of childcare was associated with a history of a positive tuberculosis test ( $X^2 = 11.1, p < .01$ ), as well. Girls who said they received health care only through emergency room services had a history of staying overnight at the hospital ( $X^2 = 4.6, p < .04$ ), recurrent infections ( $X^2 = 15.32, p < .01$ ), and having had surgery ( $X^2 = 3.06, p = .08$ ). Other unspecified obstacles to health care were associated with serious accidents or injuries ( $X^2 = 3.32, p = .068$ ), staying overnight in the hospital ( $X^2 = 4.93, p < .03$ ), needing eyeglasses ( $X^2 = 2.7, p = .095$ ) and immunization history ( $X^2 = 2.98, p = .084$ ).

*Mental Health.* The self-report of anxiety, arguing, behavior problems, mood disorders, emotional problems, mental illness, schizophrenia, other mental health problems and learning problems were associated with a number of self-reported and provider-reported physical and mental health symptoms on the PE (see Appendix I). Girls who denied any history of psychological problems on the GHS were likely to report on the PE that they had no history of depression ( $X^2 = 5.1, p < .03$ ), and that they were not currently depressed ( $X^2 = 2.92, p = .088$ ); however, they were not significantly different from other girls on the other PE items of mental health functioning. When girls skipped the mental health questions on the GHS, providers were likely to identify primary health concerns of anxiety ( $X^2 = 8.4, p < .01$ ) and family mental health history ( $X^2 = 10.1, p < .01$ ) on the PE.

*Substance Abuse.* When girls reported a history of any type of treatment for alcohol or drug abuse on the GHS, they were likely to report extensive experience with drugs and alcohol and the related consequences on the PE. The problems reported on the PE included a history of being drunk, a history of alcohol blackouts and memory loss, being told by others that they drink or use drugs too much, thinking themselves that they drank or used drugs too much, regretting their behavior when drunk or high, school or work problems associated with substance abuse, and intravenous drug use (see Appendix I).

*Home Life and Neighborhood.* Social circumstances that the girls reported on the GHS were confirmed on the PE. Girls who indicated on the GHS that they lived in neighborhoods where there were gangs said on the PE that there were gangs near their home ( $X^2 = 37.22, p < .01$ ) and that people in their neighborhood commonly carried weapons ( $X^2 = 17.99, p < .01$ ). Those who said they had been gang-involved on the GHS reported gang activity near their home ( $X^2 = 7.6, p < .01$ ). When girls said on the GHS that people in their community carried weapons, they confirmed their report on the PE ( $X^2 = 36.71, p < .01$ ), and said that there were gangs in their neighborhood ( $X^2 = 23.46, p < .01$ ). The positive report of carrying a weapon, themselves, on the GHS was predictive of a report on the PE that carrying weapons was common in their neighborhood ( $X^2 = 4.95, p < .03$ ).

*Educational Programming.* Regarding their academics needs and performance, girls generally were consistent about their history of special education. Those who indicated on the GHS a history of special education services gave the same report on the PE ( $X^2 = 26.18, p < .01$ ). Girls who said they had never been retained on the GHS said the same



thing on the PE ( $X^2 = 72.75, p < .01$ ), and girls who had been on the honor roll at school tended to say on the PE that they had never been retained ( $X^2 = 5.24, p = .073$ ). Those who reported a history of retention on the GHS said they had been retained in the first grade ( $X^2 = 8.5, p < .01$ ), the second grade ( $X^2 = 5.6, p < .02$ ), the fourth grade ( $X^2 = 5.6, p < .02$ ), the fifth grade ( $X^2 = 8.5, p < .01$ ), the eighth grade ( $X^2 = 2.99, p = .084$ ), the ninth grade ( $X^2 = 32.13, p < .01$ ), or the eleventh grade ( $X^2 = 2.78, p = .095$ ). Girls who were retained in the tenth grade per their report on the PE were likely to have said on the GHS that they had been suspended or expelled from school in the past ( $X^2 = 2.91, p = .088$ ).

## CONCLUSIONS

The overall strategy of triage through Urgent, Care and Treatment, and Advocacy questions was supported by the types of problems and number of health concerns raised on the GHS. The majority of GHS items were associated with relevant items on the PE. Often, a few GHS items predicted numerous health concerns described by related PE issues. Results of comparing the GHS and PE show that in addition to asking about high frequency health concerns (e.g., dental problems), it is important to retain clinically significant items that are less often endorsed (e.g., IVDU) but essential to health care.

Girls were largely consistent with their responses on the GHS and the PE, with a few exceptions. Those girls who skipped hair loss and mental health questions on the GHS were found to have related problems when they were assessed with the PE. These discrepancies were minor compared to the number of other problems accurately anticipated by the GHS.

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items <sup>1</sup>		Related Physical Examination Items <sup>2</sup>		
Number	Name	Number	Name	Association
Q12YNC	Daily Meds	MEDHX16C	Any current meds	$X^2=32.84, p<.01$
Q13YNC	Prescription Allergy	MEDHX14C	Allergies	$X^2=6.96, p<.01$
Q14YNC	OTC Allergy			All <i>ns</i>
Q15YNC	Food Allergy	MEDHX14C	Allergies	$X^2=14.98, p<.02$
Q16YNC	Other Allergy like bee sting	MEDHX14C		$X^2=8.1, p<.01$
Q19YNC	Accident or Injury Past Week	MEDHX05C	Stitches past year	$X^2=4.6, p<.04$
Q20YNC	LOC past 2 days	MEDHX06C	Hit head w LOC past year	<i>ns</i>
		subabu	Substance Abuse	$X^2=4.95, p<.03$
		SOC14AC	Drunk with blackout	$X^2=2.99, p=.084$
Q21YNC	Trouble breathing	SYMNY29C	Problems breathing history	$X^2=19.17, p<.01$
		SYMON29C	Problems breathing now	$X^2=19.41, p<.01$
		SYMDR29C	Problems breathing doctor visit	$X^2=24.66, p<.01$
		SYM DX29A	Problems breathing diagnosis	$X^2=9.01, p<.01$
Q22YNC	Non-me <i>ns</i> trual bleeding past week	SYMNY51C	Bleeding from anus history	<i>ns</i>
Q23YNC	Current pain	SYMNY32C	Chest pain history	$X^2=7.26, p<.01$
		SYMON32C	Chest pain now	$X^2=3.07, p=.08$
		SYM DR32C	Chest pain doctor visit	$X^2=4.2, p=.04$
		SYMNY35C	Belly pain history	$X^2=7.87, p<.01$
		SYM DR35C	Belly pain doctor visit	$X^2=5.69, p<.02$
		SYMON35C	Belly pain now	$X^2=10.24, p<.01$

<sup>1</sup> GHS items that were relevant to only a small number of girls are not presented here because of their limited usefulness.

<sup>2</sup> Variables that begin with SYM, MEDHX, DOS, MENSL, FAMHX, SOC, and SXHX are self-reported on the PE. Variables that begin with DX are observations of the healthcare provider. Variables are words (e.g., "Cough) or shortened words (e.g., "Constip") are healthcare provider primary health concerns.

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q23YNC	Current pain, con't.	SYMNY73C	Back pain history	$X^2=5.42, p=.02$
		SYMON73C	Back pain now	$X^2=4.27, p<.04$
		SYMDR73C	Back pain doctor visit	$X^2=7.26, p<.01$
		pain	Pain	$X^2=5.3, p<.03$
Q24YNC	Surgery, overnight hospital last 3 months	MEDHX3C	Any surgery	$X^2=2.81, p=.09$
		MEDHX12C	Ever overnight hospital	$X^2=5.67, p<.02$
Q25YNC	Self-report current pregnancy	MEDHX10C	Ever pregnant	$X^2=16.7, p<.01$
		PREGNYC preg	Pregnant now Pregnancy	$X^2=24.0, p<.01$ $X^2=40.0, p<.01$
Q25AC	Vaginal discharge	SYMNY47C	Vaginal discharge history	$X^2=4.81, p<.03$
		SYMON47C	Vaginal discharge now	$X^2=9.07, p<.01$
		SYMDR47C	Vaginal discharge doctor visit	$X^2=4.49, p<.04$
		DXNY099C	Vaginal discharge	$X^2=4.32, p<.04$
Q26YNC	Positive TB History	MEDHX22C	Every had positive tb test or tb	$X^2=9.75, p<.01$
		TB_XRYA TSTUNKK PPDPLCDC <sup>3</sup>	Chest xray for tb TB test unknown PPDPLCDC	$X^2=35.99, p<.01$ $X^2=5.79, p=.055$
				All <i>ns</i>
Q26BC	Coughing now	MEDHX22C	Every had positive tb test or tb	All <i>ns</i>
Q27YNC	TB exposure last 12 months	PPDPLCDC	PPDPLCDC	$X^2=5.75, p=.055$
Q28YNC	Ever in adult prison or jail	cough	Cough	$X^2=9.88, p<.01$

<sup>3</sup> PPD placed in detention.

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q29YNC	Cold or flu	SYMNON24C	Problems swallowing now	$X^2=4.69, p=.03$
		SYMDR25C	Sore throat doctor visit	$X^2=4.69, p=.03$
		SYMNY31C	Cough history	$X^2=8.23, p<.01$
		SYMNON31C	Cough now	$X^2=13.39, p<.01$
		SYMDR31C	Cough doctor visit	$X^2=3.94, p<.05$
Q29AC	Sore throat	SYMNY31C	Cough history	$X^2=6.61, p=.01$
		SYMNON31C	Cough now	$X^2=6.61, p=.01$
Q29BC	Cough	SYMDR24C	Problems swallowing doctor visit	$X^2=4.97, p<.03$
		SYMNY25C	Sore throat history	$X^2=10.31, p<.01$
		SYMNON25C	Sore throat now	$X^2=4.97, p<.03$
		SYMDR25C	Sore throat doctor visit	$X^2=10.31, p<.01$
Q29CC	Earache	SYMNY15C	Pain in ears history	All <i>ns</i>
Q29DC	Runny nose	SYMNY19C	Sinus pain or infection history	All <i>ns</i>
Q29CC	Earache	SYMNON19C	Sinus pain or infection now	All <i>ns</i>
Q30YNC	Fever past day	SYMNDX05A	Fever diagnosis	$X^2=7.12, p<.03$
		SYMNY58C	Swollen glands history	$X^2=6.78, p<.01$
		SYMNON58C	Swollen glands now	$X^2=6.78, p<.01$
Q32YNC	Severe cough	SYMNY24C	Problems swallowing history	$X^2=4.59, <.03$
		SYMNON24C	Problems swallowing now	$X^2=7.76, p<.01$
		SYMNY26C	Voice change history	$X^2=4.59, p=.032$
		SYMNON26C	Voice change now	$X^2=7.76, <.01$
		SYMNY27C	Neck swelling history	$X^2=7.76, p<.01$
		SYMNON27C	Neck swelling now	$X^2=7.76, p<.01$

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q32YNC	Severe cough, con't.	SYMDR31C	Cough doctor visit	$X^2=3.03, p=.082$
		Cough	Cough	$X^2=3.16, p=.076$
Q33YNC	Recent pertussis exposure			All <i>ns</i>
Q34YNC	Diabetes diagnosis			All <i>ns</i>
Q34AC	Diabetes meds			All <i>ns</i>
Q35YNC	Itching anywhere	DXNY141C	Hyperpigmentation	$X^2=16.47, p<.01$
Q35AC	Lice, crabs, scabies, ringworm	SYMNY62C	Lice, crabs, skin infection history	$X^2=4.44, p<.04$
		lice	Lice	$X^2=4.44, p<.04$
Q36YNC	Seizure history	SYMNY67C	Seizure history	$X^2=42.38, p<.01$
		SYMON67C	Seizure now	$X^2=20.99, p<.01$
		SYMDR67C	Seizure doctor visit	$X^2=42.38, p<.01$
		seizhx	Seizure History	$X^2=39.68, p<.01$
Q36AC	Seizure meds	seizhx	Seizure History	$X^2=3.0, p=.083$
Q37YNC	Heart problems history			All <i>ns</i>
Q37AC	Heart problem meds	SYMNY33C	Palpitations history	$X^2=5.13, p<.03$
Q38YNC	Heart palpitations	SYMON33C	Palpitations now	$X^2=4.73, p=.03$
Q39YNC	4 or more drinks past 24 hours	SOC13C	Any alcohol past month	$X^2=3.22, p=.073$
Q39AC	Drunk right now			All <i>ns</i>
Q39BC	Need help to detox alcohol			All <i>ns</i>
Q40YNC	Drugs past 24 hrs	SOC13AC	Alcohol past week	$X^2=6.66, p=.01$
Q41YNC	Need glasses or contacts	SYMNY11C	Vision problems history	$X^2=28.36, p<.01$
		SYMON11C	Vision problems now	$X^2=26.38, p<.01$
		SYMDR11C	Vision problems doctor visit	$X^2=17.19, p<.01$

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q41YNC	Need glasses or contacts, con't.	SYMDX11A	Vision problems diagnosis	$X^2=17.32, p<.01$
		SYMNY13C	Drainage from eyes history	$X^2=2.75, p=.097$
		MEDHX19C	Need eyeglasses Vision Problems	$X^2=37.59, p<.01$ $X^2=10.28, p<.01$
Q41AC	Have glasses with you now	SYMON12C	Red or sore eyes now	$X^2=2.81, =.094$
		SYMDX12A	Red or sore eyes diagnosis	$X^2=7.58, p<.01$
		DXNY016C	Glasses or lenses	$X^2=12.66, p<.01$
		DXNY021C	Conjunctiva red	$X^2=7.58, p<.01$
		EYEGSSC	Eyeglasses with you	$X^2=17.26, p<.01$
Q42YNC	Need hearing aid	SYMNY14C	Hearing problems history	$X^2=27.16, p<.01$
		DXNY023C	TMs normal	$X^2=5.89, p<.02$
Q42AC	Have hearing aid with you	SYMON14C	Hearing problems now	$X^2=47.08, p<.01$
Q43YNC	Problems stand, bend, climb, walk	ortho	Orthopedic Problems	$X^2=8.06, p<.01$
		SYMNY54C	Stiffness in limbs history	$X^2=3.68, p=.055$
		SYMNY54C	Stiffness in limbs doctor visit	$X^2=5.4, p<.02$
		SYMON54C	Stiffness in limbs now	$X^2=3.68, p=.055$
		SYMNY55C	Swelling feet ankles history	$X^2=6.03, p<.02$
		DXNY117C	Knees normal text	$X^2=3.68, p=.055$
		DXNY125C	Gait normal	$X^2=5.58, p<.02$
		DXNY126C	Hops normally	$X^2=3.68, p=.055$
		SYMNY28C	Stiff neck doctor visit	$X^2=5.4, p=.02$
Q44YNC	Problems lifting or holding	SYMNY54C	Stiffness in limbs history	$X^2=13.12, p<.01$
		SYMON54C	Stiffness in limbs now	$X^2=13.12, p<.01$
		SYMNY55C	Swelling feet ankles history	$X^2=3.72, p=.054$

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q44YNC	Problems lifting or holding	DXNY080C	Scoliosis	$X^2=14.85, p<.01$
Q45YNC	Need equipment for physical disability			All <i>ns</i>
Q46YNC	Inpatient psychiatric past 6 months	SYMNY72C	Other psychiatric problems history	$X^2=14.61, p<.01$
		SYMOM72C	Other psychiatric problems now	$X^2=14.61, p<.01$
		SYMMDR72C	Other psychiatric problems doctor visit	$X^2=6.97, p<.01$
		SYMNY69C	Depression history	$X^2=6.43, p<.02$
		SYMOM69C	Depression now	$X^2=5.55, p<.02$
		SYMMDR69C	Depression doctor visit	$X^2=3.16, .075$
		SYMNY01C	Dizziness history	$X^2=2.78, p=.095$
		DXNY008C	Depressed	$X^2=5.42, p=.02$
		slpdis	Sleep Disturbances	$X^2=14.34, p<.01$
		mood	Mood Problems	$X^2=5.84, p<.02$
		MEDHX08C	Self harm past year	$X^2=12.92, p<.01$
		SOC09C	Ever wanted to kill self	$X^2=6.41, p<.02$
		SOC10C	Ever tried to kill self	$X^2=10.15, p<.01$
Q47YNC	Visual Hallucinations	sexabu	Sexual Abuse	$X^2=4.85, p<.03$
		SYMNY71C	Hallucinations history	$X^2=8.7, p<.01$
		SYMOM71C	Hallucinations now	$X^2=7.38, p<.01$
		SYMNY03C	Problems concentrating history	$X^2=19.98, p<.01$
		SYMOM03C	Problems concentrating now	$X^2=15.19, p<.01$

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q47YNC	Visual Hallucinations	SYMDR03C	Problems concentrating doctor visit	$X^2=2.77, p=.096$
		SYMNY06C	Feeling agitated history	$X^2=5.88, p<.02$
		SYMNY01C	Dizziness history	$X^2=11.68, p<.01$
		SYMNON01C	Dizziness now	$X^2=2.74, p=.098$
		SYMNY02C	Fatigue history	$X^2=6.67, p=.01$
		SYMNON02C	Fatigue now	$X^2=7.59, p<.01$
		DXNY007C	Confused	$X^2=6.92, p<.01$
		dizzy	Dizzy	$X^2=6.02, p<.02$
Q48YNC	Auditory Hallucinations	SYMNY71C	Hallucinations history	$X^2=14.33, p<.01$
		SYMDR72C	Other. psychiatric problems doctor visit	$X^2=3.45, p=.063$
		SYMNY03C	Problems concentrating history	$X^2=24.42, p<.01$
		SYMNON03C	Problems concentrating now	$X^2=19.24, p<.01$
		SYMDR03C	Problems concentrating doctor visit	$X^2=7.94, p<.01$
		SYMNY06C	Feeling agitated history	$X^2=4.15, p<.03$
		SYMNY01C	Dizziness history	$X^2=10.34, p<.01$
		SYMNON02C	Fatigue now	$X^2=3.04, p=.081$
		DXNY007C	Confused	$X^2=6.46, p<.02$
		Halluc	Hallucinations	$X^2=13.17, p<.01$
		thtdist	Thought Disturbances	$X^2=13.17, p<.01$
		mood	Mood Problems	$X^2=3.83, p=.05$
		inattent	Inattention	$X^2=4.79, p<.03$
dizzy	Dizzy	$X^2=5.59, p<.02$		



## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q48AC	Auditory Hallucinations, not drug related	dizzy	Dizzy	$X^2=2.72, p=.099$
		FAMHX01C	Any fam medical, psych, drug problems	$X^2=3.11, p=.078$
Q49YNC	Mind playing tricks	SYMNY71C	Hallucinations history	$X^2=6.79, p<.01$
		SYM0N71C	Hallucinations now	$X^2=7.22, p<.02$
		SYM0DR71C	Hallucinations doctor visit	$X^2=3.57, p=.059$
		SYMNY72C	Other. psychiatric problems history	$X^2=9.0, p=.061$
		SYMNY03C	Problems concentrating history	$X^2=5.28, p<.03$
		SYM0N03C	Problems concentrating now	$X^2=4.0, p<.05$
		SYM0DR03C	Problems concentrating doctor visit	$X^2=2.96, p=.086$
		SYMNY06C	Feeling agitated history	$X^2=6.27, p<.02$
		SYMNY01C	Dizziness history	$X^2=5.28, p<.03$
		SYM0N01C	Dizziness now	$X^2=4.0, p<.05$
		SYM0N02C	Fatigue now	$X^2=3.37, p=.067$
		DXNY007C	Confused	$X^2=3.47, p=.062$
DXNY008C	Depressed	$X^2=7.08, p<.01$		
Q50YNC	Control Thought Disturbances	SYM0DR03C	Problems concentrating doctor visit	$X^2=3.9, p<.05$
		SYM0DR06C	Feeling agitated doctor visit	$X^2=7.6, p<.01$
		SYM0DR69C	Depression doctor visit	$X^2=4.46, p<.04$
		SYMNY01C	Dizziness history	$X^2=4.08, p<.05$
		SYM0N01C	Dizziness now	$X^2=7.2, p<.01$

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q50YNC	Control Thought Disturbances, con't	SYMDR01C	Dizziness doctor visit	$X^2=2.99, p=.084$
		SYMNY02C	Fatigue history	$X^2=4.08, p<.05$
		SYMON02C	Fatigue now	$X^2=5.3, p<.04$
		SYMDR02C	Fatigue doctor visit	$X^2=3.9, p<.05$
		DXNY007C	Confused	$X^2=26.5, p<.01$
		DXNY008C	Depressed	$X^2=3.3, p=.082$
		SOC08C	Ever felt hopeless	$X^2=3.06, p=.08$
		SOC09C	Ever wanted to kill self	$X^2=3.73, p=.053$
Q51YNC	Self harm cut or burn	SYMDR69C	Depression doctor visit	$X^2=2.86, p=.09$
		DXNY007C	Confused	$X^2=3.3, p=.069$
		si	Suicidal Ideation	$X^2=3.26, p=.071$
		MEDHX08C	Self harm past year	$X^2=22.92, p<.01$
		SOC08C	Ever felt hopeless	$X^2=13.56, p<.01$
		SOC09C	Ever wanted to kill self	$X^2=19.07, p<.01$
		SOC10C	Ever tried to kill self	$X^2=11.93, p<.01$
		SYMON69C SYMDR69C	Depression now Depression doctor visit	$X^2=8.44, p<.01$ $X^2=11.98, p<.01$
DXNY008C	Depressed	$X^2=4.36, p<.04$		
Q51AC	Self harm past month	MEDHX08C	Self harm past year	$X^2=9.38, p<.01$
		SOC09C	Ever wanted to kill self	$X^2=5.49, p<.01$
		SOC10C	Ever tried to kill self	$X^2=6.45, p<.02$
Q52YNC	Recent hopelessness	SYMDR03C	Problems concentrating doctor visit	$X^2=3.98, p<.05$
		SYMNY69C	Depression history	$X^2=12.66, p<.01$
		SYMON69C	Depression now	$X^2=9.5, p<.01$
		SYMDR69C	Depression doctor visit	$X^2=2.87, p=.09$

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q52YNC	Recent hopelessness, con't	SYMNY02C	Fatigue history	$X^2=5.99, p<.02$
		SYMON02C	Fatigue now	$X^2=4.38, p<.04$
		DXNY008C	Depressed	$X^2=3.8, p=.051$
		Mood		$X^2=3.39, p=.065$
		si		$X^2=6.7, p=.01$
		MEDHX08C	Self harm past year	$X^2=12.22, p<.01$
		SOC08C	Ever felt hopeless	$X^2=7.83, p<.01$
SOC09C	Ever wanted to kill self	$X^2=3.2, p=.074$		
Q53YNC	Suicidal ideation	SYMNY71C	Hallucinations history	$X^2=3.56, p=.059$
		SYMNY06C	Feeling agitated history	$X^2=3.08, p=.079$
		DXNY008C	Depressed	$X^2=5.08, p<.03$
		Si	Suicidal Ideation	$X^2=9.65, p<.01$
		mheval	Mental Health Evaluation Referral	$X^2=3.06, p=.08$
		MEDHX08C	Self harm past year	$X^2=26.09, p<.01$
		SOC08C	Ever felt hopeless	$X^2=12.0, p<.01$
SOC10C	Ever tried to kill self	$X^2=31.36, p<.01$		
Q54YNC	Homicidal ideation	SYMNY71C	Hallucinations history	$X^2=7.15, p<.01$
		SYMDR71C	Hallucinations doctor visit	$X^2=3.73, p=.053$
		SYMNY03C	Problems concentrating history	$X^2=3.28, p=.07$
		SYMON03C	Problems concentrating now	$X^2=9.25, p<.01$
		SYMDR03C	Problems concentrating doctor visit	$X^2=7.37, p<.01$
		SYMNY69C	Depression history	$X^2=4.84, p<.03$
		SYMON69C	Depression now	$X^2=3.99, p<.05$

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q54YNC	Homicidal ideation, con't	SYMDR69C	Depression doctor visit	$X^2=3.64, p=.057$
		SYMNY70C	Mania history	$X^2=3.12, p=.077$
		SYMON02C	Fatigue now	$X^2=3.28, p=.070$
		mood	Mood Disorder	$X^2=3.3, p=.069$
		inattent	Inattention	$X^2=6.55, p=.01$
		mheval	Mental Health Evaluation Referral	$X^2=4.21, p=.04$
		fammh	Family History of Mental Illness	$X^2=3.47, p=.062$
		Dizzy	Any family medical, psychiatric, drug problems	$X^2=7.08, p<.01$ $X^2=9.87, p<.01$
Q55YNC	Forced sex history	SYMDR03C	Problems concentrating doctor visit	$X^2=2.96, p=.086$
		SYMNY69C	Depression history	$X^2=14.03, p<.01$
		SYMON69C	Depression now	$X^2=19.19, p<.01$
		SYMDR69C	Depression doctor visit	$X^2=26.68, p<.01$
		SYMNY02C	Fatigue history	$X^2=5.28, p<.03$
		SYMON02C	Fatigue now	$X^2=6.29, p<.02$
		mhmeds	Mental Health Medications	$X^2=6.23, p<.02$
		mheval	Mental Health Evaluation Referral	$X^2=4.28, p<.04$
		FAMHX01C	Any family, medical, psychiatric, drug problems	$X^2=3.24, p=.072$
		MEDHX08C	Self harm past year	$X^2=17.4, p=.01$
SOC09C	Ever wanted to kill self	$X^2=10.64, p<.01$		

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q55YNC	Forced sex history, con't	SOC10C	Ever tried to kill self	$X^2=12.84, p<.01$
		MEDHX09C	Any abuse past year	$X^2=3.65, p=.056$
Q56YNC	Sexual assault or rape past 5 days	SYM06C	Feeling agitated now	$X^2=3.76, p=.052$
Q57YNC	Threatening person at this detention	SOC07C	Weapon carrying in neighborhood	$X^2=2.7, p=.098$
Q58YNC	Gang fighting	SOC06C	Gangs in home neighborhood	$X^2=3.84, p=.05$
Q59YNC	Seen traumatic injury or death	SYMNY02C	Fatigue history	$X^2=2.85, p=.091$
		SYM02C	Fatigue doctor visit	$X^2=3.78, p=.063$
		slpdis FAMHX01C	Sleep Disorder Any family medical, psychiatric, drug problems	$X^2=4.63, p<.04$ $X^2=5.03, p<.03$
Q60YNC	Feared traumatic injury or death	SYMNY03C	Problems concentrating history	$X^2=2.84, p=.092$
		SYM03C	Problems concentrating now	$X^2=7.45, p<.01$
		SYM03C	Problems concentrating doctor visit	$X^2=9.4, p<.01$
		SYMNY06C	Feeling agitated history	$X^2=3.08, p=.079$
		SYM06C	Feeling agitated now	$X^2=3.03, p=.082$
		SYMNY69C	Depression history	$X^2=3.12, .077$
		SYM069C	Depression doctor visit	$X^2=3.56, p=.059$
		SYM02C	Fatigue now	$X^2=2.84, p=.092$

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q60YNC	Feared traumatic injury or death, con't	Mhmeds	Mental Health Medications	$X^2=3.4, p=.065$
		Inattent	Inattention	$X^2=4.31, p<.04$
		Dizzy	Dizzy	$X^2=2.92, p=.088$
		FAMHX01C	Any fam medical, psych, drug problems	$X^2=13.41, p<.01$
		MEDHX08C	Self harm past year	$X^2=8.77, p<.01$
		SOC08C	Ever felt hopeless	$X^2=9.24, p<.01$
		SOC10C	Ever tried to kill self	$X^2=2.86, p=.091$
Q62YNC	Head injury or concussion past 2 weeks	MEDHX03C	Any serious accidents or injuries	$X^2=4.56, p<.04$
Q64YNC	Current broken bone	MEDHX04C	Broken bones past year	$X^2=24.96, p<.01$
Q65_1K	Sexually attracted to boys			All <i>ns</i>
Q65_2K	Sexually attracted to men			All <i>ns</i>
Q65_3K	Sexually attracted to girls			All <i>ns</i>
Q65_4K	Sexually attracted to women			All <i>ns</i>
Q65_5K	Sexually attracted to males & females			All <i>ns</i>
Q65_6K	Sexually attracted undecided			All <i>ns</i>
Q65SKPK	Sexually attracted skip			All <i>ns</i>
				All <i>ns</i>
				All <i>ns</i>
Q66YNC	Intercourse past 3 months	MEDHX10C	Ever pregnant	$X^2=4.92, p<.03$
		NO_PREGN	Number of pregnancies	$X^2=8.24, p<.02$
		ABORTN	Number abortions	$X^2=3.75, p=.053$

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q67YNC	Anal sex past 3 months	MEDHX10C	Ever pregnant	$X^2=6.9$ $p<.01$
		PREGNYC	Pregnant now self-report	$X^2=5.45$ , $p=.066$
		PRENTLC	Prenatal care	$X^2=6.0$ , $p=.05$
		LVGPT01C	First Baby in mothers custody	$X^2=4.0$ , $p<.05$
Q68YNC	Oral sex			All <i>ns</i>
Q69C	Number sex partners past 3 months			All <i>ns</i>
Q70_1K	Condoms			All <i>ns</i>
Q70_2K	Birth control pill			All <i>ns</i>
Q70_3K	Depo-Provera or injection			All <i>ns</i>
Q70_4K	Birth control patch, Evra			All <i>ns</i>
Q70_5K	Spermicide			All <i>ns</i>
Q70_6K	Nuva Ring			All <i>ns</i>
Q70_7K	IUD	MEDHX10C	Ever pregnant	$X^2=5.1$ , $p<.03$
		MEDHX11C	Ever had baby	$X^2=26.74$ , $p<.01$
Q70_8K	Pulling out or withdrawal	PRENTLC	Prenatal care	$X^2=6.0$ , $p=.05$
Q70_9K	Morning after pill			All <i>ns</i>
Q70_10K	Other birth control			All <i>ns</i>
Q70_11K	None, do not use birth control	MEDHX10C	Ever pregnant	$X^2=4.42$ , $p<.04$
Q70SKPK	Birth control skip	MEDHX10C	Ever pregnant	$X^2=3.98$ , $p<.05$
Q71YNC	Ever pregnant	MEDHX10C	Ever pregnant	$X^2=88.62$ , $p<.01$
		PREGNYC	Pregnant now SR	$X^2=8.37$ , $p<.02$
		MEDHX11C	Ever had baby	$X^2=17.21$ , $p<.01$
Q76_2K	Alcohol drugs second pregnancy	MEDHX10C	Ever pregnant	$X^2=15.6$ , $p<.01$
		NO_PREGN	Number of pregnancies	$X^2=5.24$ , $p=.073$
Q77YNC	Ever had a baby	MEDHX11C	Ever had baby	$X^2=15.81$ , $p<.01$

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q91YNC	Missed periods when not pregnant	MNSL02C	Frequency of period	$X^2=30.72, p<.01$
		MNSL06C	Miss school or work bc of sxs	$X^2=12.83, p<.01$
		SYMDR45C	Missed period doctor visit	$X^2=10.42, p<.01$
		menstrl	Menstrual Problems	$X^2=7.98, p<.01$
		SYMNY44C	Heavy period history	$X^2=3.54, p=.06$
		SYMDR44C	Heavy period doctor visit	$X^2=2.76, p=.097$
		SYMNY45C	Missed period history	$X^2=13.77, p<.01$
		SYM0N45C	Missed period now	$X^2=10.32, p<.01$
Q92YNC	Heavy bleeding past 3 months	MNSL04C	Cramps with period	$X^2=3.7, p=.054$
		SYM0N44C	Heavy period now	$X^2=7.96, p<.01$
		SYM0N44C	Heavy period now	$X^2=6.41, p<.02$
		SYMDR44C	Heavy period doctor visit	$X^2=4.68, p<.04$
Q93YNC	Spotting past 3 months	MNSL06C	Miss school or work bc of sxs	$X^2=4.51, p<.04$
		MNSL04C	Cramps with period	$X^2=4.46, p<.04$
		SYM0X44A	Heavy period diagnosis	$X^2=4.08, p<.05$
Q93YNC	Spotting past 3 months	SYMNY45C	Missed period history	$X^2=2.77, p=.096$
Q94YNC	Menstrual cramps or pain	MNSL04C	Cramps with period	$X^2=32.75, p<.01$
		MNSL06C	Miss school or work bc of sxs	$X^2=17.79, p<.01$
		SYMNY44C	Heavy period history	ns



## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q95YNC	Vaginal discharge	MNSL04C	Cramps with period	$X^2=3.49, p=.062$
		MNSL06C	Miss school or work bc of sxs	$X^2=3.01, p=.083$
		SYMNY45C	Missed period history	$X^2=3.32, p=.068$
		SYMON45C	Missed period now	ns
Q97YNC	Current yeast infection			All ns
Q98YNC	Breast lumps			All ns
Q99YNC	Irregular PAP smear	STD01A	First STI test	$X^2=10.66, p<.01$
Q99BC	Treatment for Irregular PAP			All ns
Q99CC	Finish treatment for Irregular PAP			All ns
Q100YNC	History STI	CHLMYDC	Chlamydia test results SR	$X^2=4.9, p<.03$
Q100YNC	History STI	MEDHX17C	Ever tested for STIs	$X^2=4.74, p<.03$
Q100YNC	History STI	SXHX13C	Ever forced to have sex	$X^2=5.39, p=.02$
		SXHX14C	Ever used birth control	$X^2=2.8, p=.094$
		SXHX14HK	Morning after pill	$X^2=3.64, p=.056$
Q100A1K	Chlamydia	CHLMYDC	Chlamydia test results	$X^2=10.82, p<.01$
		MEDHX17C	Ever tested for STIs	$X^2=3.4, p=.065$
		STD01A	First STI test	$X^2=10.74, p<.01$
		SXHX14JK	Depo provera	$X^2=6.76, p<.01$
Q100A2K	Gonorrhea	DXNY098C	Geniourinary Tanner appropriate	$X^2=4.0, p<.05$
Q100A3K	Syphilis			All ns
Q100A4K	Herpes	SXHX10C	Broken condom pat 6 mos	$X^2=9.59, p<.01$
		SXHX13C	Ever forced to have sex	$X^2=5.2, <.03$

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q100A6K	Trichomoniasis			All <i>ns</i>
Q100A7K	Vaginitis not yeast			All <i>ns</i>
Q100A8K	Other STI	STD01A	First STI test	$X^2=9.49, p<.01$
Q100A9K	Do not know STI History			All <i>ns</i>
Q100SKPK	STI skip	MEDHX17C	Ever tested for STIs	$X^2=5.76, p<.02$
		SXHX12C	Sex with IVDU user	$X^2=3.67, p=.056$
		SXHX13C	Ever forced to have sex	$X^2=10.52, p<.01$
		SXHX14HK	Morning after pill	$X^2=55.0, p<.01$
Q101YNC	Lower abdominal pain past 2 weeks	SXHX04C	Oral sex	$X^2=5.62, p<.02$
		SXHX11C	Sex when drunk or high	$X^2=2.89, p=.089$
		SXHX12C	Sex with IVDU user	$X^2=3.74, p=.053$
		SXHX13C	Ever forced to have sex	$X^2=7.05, p<.01$
		SXHX14HK	Morning after pill	$X^2=3.5, p=.062$
Q102YNC	History PID	MEDHX17C	Ever tested for STIs	$X^2=4.9, p<.03$
		SXHX04C	Oral sex	$X^2=4.23, p=.04$
		SXHX12C	Sex with IVDU user	$X^2=19.28, p<.01$
		SXHX13C	Ever forced to have sex	$X^2=3.73, p=.053$
		SXHX14HK	Morning after pill	$X^2=26.49, p<.01$
Q103YNC	Ever tested HIV	MEDHX23C	Ever tested HIV	$X^2=57.49, p<.01$
Q103AC	HIV Results	HIVRESC	HIV results	<i>ns</i>
Q103BC	HIV medicine	HIVRESC	HIV results	<i>ns</i>
Q104YNC	Pain on urination	SYMNY40C	Urination discomfort history	$X^2=29.32, p<.01$
		SYMON40C	Urination discomfort now	$X^2=21.74<.01$

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q104YNC	Pain on urination, con't	SYMDR40C	Urination discomfort doctor visit	$X^2=4.48, p<.04$
		SYMNY41C	Increased urination history	$X^2=4.32, p<.04$
		SYMON41C	Increased urination now	$X^2=7.56, p<.01$
		SYMON42C	Constant urination now	$X^2=4.48, p<.04$
		SYMNY43C	Bloody urine history	$X^2=7.59, <.01$
		bladr	Bladder or UTI	$X^2=9.46, <.01$
Q105YNC	Frequent urination	SYMNY40C	Urination discomfort history	$X^2=10.5, <.01$
		SYMON40C	Urination discomfort now	$X^2=11.14, <.01$
		SYMDR40C	Urination discomfort doctor visit	$X^2=3.68, p=.055$
		SYMNY41C	Increased urination history	$X^2=15.16, p<.01$
		SYMON41C	Increased urination now	$X^2=27.05, p<.01$
		SYMNY42C	Constant urination history	$X^2=10.5, p<.01$
		SYMON42C	Constant urination now	$X^2=11.14, p<.01$
		SYMDR42C	Constant urination doctor visit	$X^2=3.68, p=.055$
				bladr
Q106YNC	Current bladder infection or UTI	SYMNY40C	Urination discomfort history	$X^2=6.65, p<.01$
		SYMON40C	Urination discomfort now	$X^2=3.26, .071$
		SYMON41C	Increased urination now	$X^2=3.37, p<.01$
		SYMNY42C	Constant urination history	$X^2=4.66, p=.031$

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
		SYMON42C	Constant urination now	$X^2=10.03, p<.01$
		SYMNY43C	Bloody urine history	$X^2=3.6, p=.071$
		bladr	Bladder or UTI	$X^2=10.46, p<.01$
Q107YNC	Use too much alcohol drugs	subabu	Substance Abuse	$X^2=4.33, p<.04$
		SOC22C	Any IVDU	$X^2=15.38, p<.01$
		SOC13AC	Alcohol past week	$X^2=5.74, p<.02$
		SOC14C	Ever been drunk	$X^2=9.74, p<.01$
		SOC14AC	Drunk with blackout	$X^2=9.41, p<.01$
		SOC14BC	Drunk with memory loss	$X^2=4.25, p<.04$
		SOC15C	Drink too much feedback	$X^2=6.51, p<.02$
		SOC16C	Think you drink too much	$X^2=7.57, p<.01$
		SOC20C	SA interferes with school work	$X^2=32.68, p<.01$
		SOC21C	Regret drunk high behavior	$X^2=23.46, p<.01$
		SOC17C	Used drugs past month	$X^2=13.08, p<.01$
		SOC18C	Drugs too much feedback	$X^2=44.63, p<.01$
		SOC19C	Think too much drugs	$X^2=39.81, p<.01$
		Ivdu	IVDU	$X^2=3.53, p=.06$
		Cgrts	Cigarettes	$X^2=3.53, p=.06$
		Detox	Detoxification	$X^2=3.53, p=.06^4$
Q108YNC	Family or friends think you use too much	subabu	Substance Abuse	$X^2=13.18, p<.01$
		SOC22C	Any IVDU	$X^2=14.17, p<.01$
		SOC14AC	Drunk with blackout	$X^2=7.84, p<.01$

<sup>4</sup> These three results appear to represent the same girl.

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q108YNC	Family or friends think You use too much con't	SOC14BC	Drunk with memory loss	$X^2=5.49, p<.02$
		SOC19C	Self-think too much drug use	$X^2=25.34, p<.01$
		SOC15C	Drink too much feedback	$X^2=29.22, p<.01$
		SOC16C	Self-think you drink too much	$X^2=4.39, p<.04$
		SOC20C	SA interferes with school work	$X^2=28.34, p<.01$
		SOC21C	Regret drunk high behavior	$X^2=13.25, p<.01$
		SOC17C	Used drugs past month	$X^2=21.64, p<.01$
		SOC18C	Drugs too much feedback	$X^2=41.83, p<.01$
		Cgrts	Cigarettes	$X^2=7.76, p<.01$
		SOC13C	Any alcohol past month	$X^2=9.18, p<.01$
		SOC14C	Ever been drunk	$X^2=10.15, p<.01$
		SOC14AC	Drunk with blackout	
Q109YNC	Use kept you from responsibilities	subabu	Substance Abuse	$X^2=3.05, p=.081$
		SOC22C	Any IVDU	$X^2=6.79, p<.01$
		SOC13AC	Alcohol past week	$X^2=2.74, p=.098$
		SOC14C	Ever been drunk	$X^2=10.3, p<.01$
		SOC14AC	Drunk with blackout	$X^2=8.72, p<.01$
		SOC14BC	Drunk with memory loss	$X^2=6.17, p<.02$
		SOC15C	Drink too much feedback	$X^2=3.24, p=.072$
		SOC16C	Think you drink too much	$X^2=4.59, p<.02$
		SOC20C	SA interferes with school work	$X^2=48.02, p<.01$
SOC21C	Regret drunk high behavior	$X^2=10.65, p<.01$		

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q109YNC	Use kept you from Responsibilities con't	SOC17C	Used drugs past month	$X^2=9.04, p<.01$
		SOC18C	Drugs too much feedback	$X^2=30.42, p<.01$
		SOC19C	Think too much drugs	$X^2=18.22, p<.02$
		Ivdu	IVDU	$X^2=2.82, p=.093$
		Cgrts	Cigarettes	$X^2=8.62, p<.01$
		Detox	Detoxification	$X^2=2.82, p=.093$
		SOC13C	Any alcohol past month	$X^2=12.73, p<.01$
Q110C	How often one drink past 3 months	subabu	Substance Abuse	$X^2=9.47, p=.05$
		SOC22C	Any IVDU	$X^2=8.11, p=.088$
		SOC13AC	Alcohol past week	$X^2=38.33, p<.01$
		SOC14C	Ever been drunk	Ns
		SOC14AC	Drunk with blackout	ns
		SOC14BC	Drunk with memory loss	Ns
		SOC15C	Drink too much feedback	$X^2=16.78, p<.01$
		SOC16C	Think you drink too much	ns
		SOC20C	SA interferes with school work	$X^2=25.68, p<.01$
		SOC21C	Regret drunk high behavior	$X^2=10.79, p<.03$
		SOC17C	Used drugs past month	$X^2=20.66, p<.01$
		SOC18C	Drugs too much feedback	$X^2=12.79, p<.02$
		SOC19C	Think too much drugs	$X^2=13.84, p<.01$
		Cgrts	Cigarettes	$X^2=9.14, p=.098$
SOC13C	Any alcohol past month	$X^2=12.31, p<.02$		
SOC14C	Ever been drunk	$X^2=30.81, p<.01$		

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q111C	How often four drinks past 3 months	SOC14BC	Drunk with memory loss	$X^2=6.95, p=.074$
		SOC15C	Drink too much feedback	$X^2=11.37, p=.01$
		SOC20C	SA interferes with school work	$X^2=31.21, p<.01$
		SOC21C	Regret drunk high behavior	$X^2=11.71, p<.01$
		SOC17C	Used drugs past month	$X^2=14.49, p<.01$
		SOC18C	Drugs too much feedback	$X^2=12.82, p<.01$
		SOC19C	Think too much drugs	$X^2=8.84, p=.031$
		SOC13C	Any alcohol past month	$X^2=27.32, p<.01$
		SOC13AC	Alcohol past week	$X^2=7.78, p=.051$
		SOC13BN	Number drinks past week	ns
Q112YNC	Ever use drugs with alcohol	subabu	Substance Abuse	$X^2=4.28, p<.04$
		SOC22C	Any IVDU	$X^2=2.86, p=.091$
		SOC14BC	Drunk with memory loss	$X^2=11.08, p<.01$
		SOC15C	Drink too much feedback	$X^2=8.46, p<.01$
		SOC20C	SA interferes with school work	$X^2=29.63, p<.01$
		SOC21C	Regret drunk high behavior	$X^2=19.82, p<.01$
		SOC17C	Used drugs past month	$X^2=12.81, p<.01$
		SOC18C	Drugs too much feedback	$X^2=18.33, p<.01$
		SOC19C	Think too much drugs	$X^2=8.19, p<.01$

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q112YNC	Ever use drugs with alcohol	SOC13C	Any alcohol past month	$X^2=14.1, p<.01$
		SOC13AC	Alcohol past week	$X^2=4.79, p<.03$
		SOC14C	Ever been drunk	$X^2=28.67, p<.01$
		SOC14AC	Drunk with blackout	$X^2=8.38, p<.01$
Q113C	Marijuana past 90 days	SOC22C	Any IVDU	$X^2=8.57, p<.04$
		SOC14C	Ever been drunk	$X^2=9.08, p<.03$
		SOC17C	Used drugs past month	$X^2=47.6, p<.01$
		SOC19C	Think too much drugs	$X^2=10.6, p<.01$
		SOC13C	Any alcohol past month	$X^2=19.4, p<.01$
Q114YNC	Cocaine past 90 days	subabu	Substance Abuse	$X^2=14.55, p=.01$
		SOC14BC	Drunk with memory loss	$X^2=7.91, p<.01$
		SOC15C	Drink too much feedback	$X^2=2.74, p=.098$
		SOC16C	Think you drink too much	$X^2=11.01, p<.01$
		SOC20C	SA interferes with school work	$X^2=15.4, p<.01$
		SOC21C	Regret drunk high behavior	$X^2=11.1, p<.01$
		SOC17C	Used drugs past month	$X^2=8.21, p<.01$
		SOC18C	Drugs too much feedback	$X^2=11.47, p<.01$
		SOC19C	Think too much drugs	$X^2=15.53, p<.01$
		Ivdu	IVDU	$X^2=9.08, p<.01$
		Cgrts	Cigarettes	$X^2=11.01, p<.01$
		Detox	Detoxification <sup>5</sup>	$X^2=9.08, p<.01$
		SOC13C	Any alcohol past month	$X^2=5.67, p=.02$
SOC14C	Ever been drunk	$X^2=6.82, p<.01$		

<sup>5</sup> Appears to be same girl reporting IVDU above.



## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q114YNC	Cocaine past 90 days	SOC14AC	Drunk with blackout	$X^2=7.91, p<.01$
Q115YNC	Crack past 90 days	subabu	Substance Abuse	$X^2=27.43, p<.01$
		SOC14BC	Drunk with memory loss	$X^2=5.82, p<.02$
		SOC15C	Drink too much feedback	$X^2=8.8, p<.01$
		SOC16C	Think you drink too much	$X^2=4.54, p<.04$
		SOC20C	SA interferes with school work	$X^2=7.1, p<.01$
		SOC21C	Regret drunk high behavior	$X^2=7.42, p<.01$
		SOC17C	Used drugs past month	$X^2=6.0, p<.02$
		SOC18C	Drugs too much feedback	$X^2=10.36, p<.01$
		SOC19C	Think too much drugs	$X^2=6.66, p=.01$
		Cgrts	Cigarettes	$X^2=10.8, p<.01$
		Detox	Detoxification	$X^2=35.99, p<.01$
		SOC13C	Any alcohol past month	$X^2=4.74, p=.03$
		SOC14AC	Drunk with blackout	$X^2=5.82, p<.02$
Q116YNC	Meth past 90 days	subabu	Substance Abuse	$X^2=5.59, p<.02$
		SOC22C	Any IVDU	$X^2=11.57, p<.01$
		SOC14BC	Drunk with memory loss	$X^2=9.28, p<.01$
		SOC15C	Drink too much feedback	$X^2=3.14, p=.065$
		SOC16C	Think you drink too much	$X^2=3.72, p=.054$
		SOC20C	SA interferes with school work	$X^2=31.20, p<.01$
		SOC21C	Regret drunk high behavior	$X^2=17.15, p<.01$
		SOC17C	Used drugs past month	$X^2=13.03, p<.01$

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q116YNC	Meth past 90 days	SOC18C	Drugs too much feedback	$X^2=36.52, p<.01$
		SOC19C	Think too much drugs	$X^2=37.01, p<.01$
		Ivdu	IVDU	$X^2=4.23, p=.04$
		Cgrts	Cigarettes	$X^2=4.46, p<.04$
		Detox	Detoxification <sup>6</sup>	$X^2=4.23, p=.04$
		SOC13C	Any alcohol past month	$X^2=7.84, p<.01$
		SOC14C	Ever been drunk	$X^2=5.38, p=.02$
		SOC14AC	Drunk with blackout	$X^2=11.77, p<.01$
Q117YNC	MDMA past 90 days	SOC22C	Any IVDU	$X^2=3.98, p<.05$
		SOC13AC	Alcohol past week	$X^2=6.98, p<.01$
		SOC14C	Ever been drunk	$X^2=7.63, p<.01$
		SOC15C	Drink too much feedback	$X^2=5.78, p<.02$
		SOC20C	SA interferes with school work	$X^2=12.57, p<.01$
		SOC21C	Regret drunk high behavior	$X^2=8.88, p<.01$
		SOC17C	Used drugs past month	$X^2=3.47, p=.062$
		SOC18C	Drugs too much feedback	$X^2=5.47, p<.02$
Q118YNC	Rohypnol past 90 days			All <i>ns</i>
Q119YNC	GHB past 90 days			All <i>ns</i>
Q120YNC	Heroin past 90 days	subabu	Substance Abuse	$X^2=5.89, p<.02$
		SOC22C	Any IVDU	$X^2=30.54, p<.01$
		SOC16C	Think you drink too much	$X^2=21.96, p<.01$
		SOC18C	Drugs too much feedback	$X^2=10.36, p<.01$

<sup>6</sup>  $X^2=$  Appears to be same girl reporting IVDU above.

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q120YNC	Heroin past 90 days, con't	SOC19C	Think too much drugs	$X^2=17.93, p<.01$
		Ivdu	IVDU	$X^2=35.99, p<.01$
		Cgrts	Cigarettes	$X^2=10.89, p<.01$
Q121YNC	Hallucinogens past 90 days	subabu	Substance Abuse	$X^2=4.0, p<.05$
		SOC14AC	Drunk with blackout	$X^2=2.99, p=.084$
		SOC14BC	Drunk with memory loss	$X^2=2.99, p=.084$
		SOC15C	Drink too much feedback	$X^2=5.73, p<.02$
		SOC20C	SA interferes with school work	$X^2=3.94, p<.05$
		SOC21C	Regret drunk high behavior	$X^2=4.17, p<.05$
Q122YNC	Abuse OTC past 90 days	subabu	Substance Abuse	$X^2=4.5, p<.04$
		SOC22C	Any IVDU	$X^2=4.7, p=.03$
		SOC14C	Ever been drunk	$X^2=3.88, p<.05$
		SOC15C	Drink too much feedback	$X^2=6.84, p<.01$
		SOC16C	Think you drink too much	$X^2=10.87, p<.01$
		SOC20C	SA interferes with school work	$X^2=3.32, p=.068$
		SOC18C	Drugs too much feedback	$X^2=6.79, p<.01$
		SOC19C	Think too much drugs	$X^2=9.11, p<.01$
		Ivdu	IVDU	$X^2=8.16, p<.01$
		subabu	Substance Abuse	$X^2=9.95, p<.01$
		SOC22C	Any IVDU	$X^2=10.18, p<.01$
		SOC14C	Ever been drunk	$X^2=4.18, p<.05$
SOC16C	Think you drink too much	$X^2=7.56, p<.01$		
SOC20C	SA interferes with school work	$X^2=6.0, p<.02$		
Q123YNC	Abuse RX past 90 days	SOC18C	Drugs too much feedback	$X^2=16.68, p<.01$

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q123YNC	Abuse RX past 90 days, con't	SOC19C	Think too much drugs	$X^2=30.14, p<.01$
		Ivdu	IVDU	$X^2=14.85, p<.01$
		Cgrts	Cigarettes	$X^2=3.76, p=.052$
Q124YNC	Inhalant abuse past 90 days	subabu	Substance Abuse	$X^2=5.73, p<.02$
		SOC15C	Drink too much feedback	$X^2=3.42, p=.064$
		SOC18C	Drugs too much feedback	$X^2=8.23, p<.01$
		SOC19C	Think too much drugs	$X^2=10.97, p<.01$
		Detox		$X^2=10.09, p<.01$
Q125YNC	Any other drugs past 90 days	subabu	Substance Abuse	$X^2=4.45, p<.04$
		SOC14C	Ever been drunk	$X^2=3.54, p=.06$
		SOC15C	Drink too much feedback	$X^2=18.11, p<.01$
		SOC20C	SA interferes with school work	$X^2=14.62, p<.01$
		SOC21C	Regret drunk high behavior	$X^2=4.26, p<.04$
		SOC17C	Used drugs past month	$X^2= 3.03, p=.082$
		SOC18C	Drugs too much feedback	$X^2=6.87, p<.01$
		Cgrts	Cigarettes	$X^2=4.65, p<.04$
		Q126YNC	IVDU	subabu
SOC13AC	Alcohol past week			$X^2=$
SOC14C	Ever been drunk			$X^2=2.97, p=.085$
SOC14AC	Drunk with blackout			$X^2=$
SOC14BC	Drunk with memory loss			$X^2=$
SOC15C	Drink too much feedback			$X^2= 5.38, p=.02$
SOC16C	Think you drink too much			$X^2=6.23, p<.02$
SOC20C	SA interferes with school work			$X^2=13.39, p<.01$

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items				
Number	Name	Number	Name	Association		
Q126YNC	IVDU con't	SOC21C	Regret drunk high behavior	$X^2=14.07, p<.01$		
		SOC17C	Used drugs past month	$X^2=3.14, p=.076$		
		SOC18C	Drugs too much feedback	$X^2=13.24, p<.01$		
		SOC19C	Think too much drugs	$X^2=15.76, p<.01$		
		Ivdu Cgrts	IVDU Cigarettes	$X^2=12.87, p<.01$ $X^2=16.33, p<.01$		
Q127YNC	Shared Needles	subabu	Substance Abuse	$X^2=21.19, p<.01$		
		SOC22C	Any IVDU	$X^2=9.99, p<.01$		
		SOC15C	Drink too much feedback	$X^2=7.45, p<.01$		
		SOC16C	Think you drink too much	$X^2=17.16, p<.01$		
		SOC18C	Drugs too much feedback	$X^2=3.39, p=.066$		
		SOC19C	Think too much drugs	$X^2=5.87, p<.02$		
Q128YNC	Sex with IVD User	subabu	Substance Abuse	$X^2=5.1, p<.03$		
		SOC22C	Any IVDU	$X^2=10.56, p<.01$		
		SOC14C	Ever been drunk	$X^2=7.03, p<.01$		
		SOC16C	Think you drink too much	$X^2=10.74, p<.01$		
		SOC20C	SA interferes with school work	$X^2=6.65, p<.01$		
		SOC21C	Regret drunk high behavior	$X^2=3.89, p<.05$		
		SOC18C	Drugs too much feedback	$X^2=6.66, p=.01$		
		SOC19C	Think too much drugs	$X^2=8.97, p<.01$		
Q129YNC	Alcohol or drug black outs	Ivdu	IVDU	$X^2=8.90, p<.01$		
		subabu	Substance Abuse	$X^2=9.92, p<.01$		
		SOC22C	Any IVDU	$X^2=5.99, p<.02$		
		SOC22C	Any IVDU	$X^2=9.63, p<.01$		
		SOC14C	Ever been drunk	$X^2=16.19, p<.01$		
		Q130YNC	Sick or OD on alcohol or drugs	subabu	Substance Abuse	$X^2=13.63, p<.01$
				SOC22C	Any IVDU	$X^2=5.99, p<.02$
				SOC14C	Ever been drunk	$X^2=16.19, p<.01$

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items			
Number	Name	Number	Name	Association	
Q130YNC	Sick or OD on alcohol or drugs con't	SOC14AC	Drunk with blackout	$X^2=44.06, p<.01$	
		SOC14BC	Drunk with memory loss	$X^2=33.21, p<.01$	
		SOC14BC	Drunk with memory loss	$X^2=21.82, p<.01$	
		SOC16C	Think you drink too much	$X^2=6.46, p<.02$	
		SOC16C	Think you drink too much	$X^2=4.63, p<.02$	
		SOC20C	SA interferes with school work	$X^2=21.08, p<.01$	
		SOC20C	SA interferes with school work	$X^2=26.87, p<.01$	
		SOC21C	Regret drunk high behavior	$X^2=22.91, p<.01$	
		SOC21C	Regret drunk high behavior	$X^2=15.54, p<.01$	
		SOC17C	Used drugs past month	$X^2=6.71, p=.01$	
		SOC17C	Used drugs past month	$X^2=6.48, p<.02$	
		SOC18C	Drugs too much feedback	$X^2=9.03, p<.01$	
		SOC18C	Drugs too much feedback	$X^2=20.91, p<.01$	
		SOC19C	Think too much drugs	$X^2=13.3, p<.01$	
		SOC19C	Think too much drugs	$X^2=15.46, p<.01$	
		Cgrts	Cigarettes		$X^2=8.0, p<.01$
		SOC13C	Any alcohol past month		$X^2=4.24, p<.04$
		SOC13C	Any alcohol past month		$X^2=6.81, p<.01$
SOC14C	Ever been drunk		$X^2=15.96, p<.01$		
SOC14AC	Drunk with blackout		$X^2=17.67$		
Q131_1K	Chicken Pox immunization	MEDHX21C	Had All immunizaitons	$X^2=4.66, p=.031$	

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q131_2K	Flu shot	MEDHX21C	Had All immunizaitons	$X^2=4.0, p<.05$
Q131_3K	Hepatitis A shots	MEDHX21C	Had All immunizaitons	$X^2=9.5, p<.01$
Q131_4C	Three shots for Hep	MEDHX21C	Had All immunizaitons	$X^2=15.56, p=.01$
Q131_5K	Measles shot	MEDHX21C	Had All immunizaitons	$X^2=5.38, p=.02$
Q131_6K	Meningitis shots	MEDHX21C	Had All immunizaitons	$X^2=3.52, p=.061$
Q131_7K	Tetanus shots	MEDHX21C	Had All immunizaitons	$X^2=5.67, p<.02$
Q131SKPK	Skip shots questions	MEDHX21C	Had All immunizaitons	$X^2=4.47, p<.04$
Q133_1K	Acne			All <i>ns</i>
Q133_2K	Eczema			All <i>ns</i>
Q133_3K	Rashes	MEDHX07C	Bad burn past year	$X^2=8.7, p<.01$
Q133_4K	Easy bruising			All <i>ns</i>
Q133_5K	Very dry skin	skin	Skin Problems	All <i>ns</i>
Q133_6K	Burns	SYMNY60C	Bad burns history	$X^2=5.69, p<.02$
		SYMON60C	Bad burns now	$X^2=9.4, p<.02$
Q133_7K	Scars that are healing	SYMON60C		All <i>ns</i>
Q134_1K	Hair falling out	SYMNY08C	Hair loss history	$X^2=7.8, p<.01$
		SYMON08C	Hair loss now	$X^2=10.78, p<.01$
		SYMDX08A	Hair loss diagnosis	$X^2=3.9, p<.05$
		DXNY013C	Hair loss	$X^2=11.54, p<.01$
Q134_2K	Hair getting really dry	SYMON08C	Hair loss now	$X^2=7.98, p<.01$
		SYMON09C	Dandruff now	$X^2=5.8, p<.02$
		SYMDX09A	Dandruff diagnosis	$X^2=2.82, p=.093$
		DXNY011C	Scalp scaling	$X^2=5.89, p<.02$
		DXNY013C	Hair loss	$X^2=2.74, p=.099$
Q134_4K	No hair problems	SYMNY08C	Hair loss history	$X^2=3.69, p<.01$
		SYMON08C	Hair loss now	$X^2=6.2, p<.01$
		SYMDX08A	Hair loss diagnosis	$X^2=3.7, p=.054$

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
		DXNY013C	Hair loss	$X^2=3.78, p=.052$
Q134SKPK	Skip hair questions	SYMNY08C	Hair loss history	$X^2=5.2, p<.03$
		SYMDR08C	Hair loss doctor visit	$X^2=11.1, p<.01$
		SYM DX08A	Hair loss diagnosis	$X^2=14.0, p<.01$
		SYM ON08C	Hair loss now	$X^2=6.88, p<.01$
		hairloss	Hair Loss	$X^2=4.74, p<.03$
Q135YNC	Eye problems	SYMNY11C	Vision problems history	$X^2=29.34, p<.01$
		SYM ON11C	Vision problems now	$X^2=26.95, p<.01$
		SYMDR11C	Vision problems doctor visit	$X^2=16.02, p=.01$
		SYM DX11A	Vision problems diagnosis	$X^2=27.28, p<.01$
		SYMNY12C	Red or sore eyes history	ns
		SYM ON12C	Red or sore eyes now	$X^2=5.3, p<.03$
		SYMNY13C	Drainage from eyes history	$X^2=3.5, p=.061$
		SYM ON13C	Drainage from eyes now	$X^2=2.75, p=.097$
		SYM ON02C	Fatigue now	$X^2=13.54, p<.01$
		SYMDR02C	Fatigue doctor visit	$X^2=12.12, p<.01$
		DXNY016C	Glasses or lenses	$X^2=2.97, .085$
		DXNY019C	Fundi normal	$X^2=3.4, p=.065$
		DSC021A	Conjunctiva red text	$X^2=3.46, p=.063$
		MEDHX19C	Need eyeglasses	$X^2=17.38, p<.01$
		vision	Vision Problems	$X^2=17.24, p<.01$
Q136YNC	Ear problems	SYMNY14C	Hearing problems history	$X^2=18.94, p<.01$
		SYM ON14C	Hearing problems now	$X^2=18.93, p<.01$
		SYMDR14C	Hearing problems doctor visit	$X^2=47.08, p<.01$
		SYMNY16C	Ring in ears history	$X^2=3.96, p<.05$



## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q136YNC	Ear problems, con't	SYM0N16C	Ringings in ears now	$X^2=9.2, p<.01$
		SYM0DR16C	Ringings in ears doctor visit	$X^2=4.46, p<.04$
		SYM0DX16A	Ringings in ears diagnosis	$X^2=6.53, p<.04$
		DXNY023C HEARC	TMs normal	$X^2=2.99, p=.084$ $X^2=6.53, p<.04$
Q141AC	Thyroid meds			All <i>ns</i>
Q141BC	Thyroid medications with you			All <i>ns</i>
Q142_AK	Problems chewing	SYMNY20C	Teeth problems history	$X^2=8.53, p<.01$
		SYM0N20C	Teeth problems now	$X^2=8.53, p<.01$
		SYM0DX20A	Teeth problems diagnosis	$X^2=9.98, p<.01$
		SYM0DR21C	Bleeding gums doctor visit	$X^2=5.12, p<.03$
		MEDHX20C	Date last dental exam	$X^2=6.42, p<.02$
		DSC043A	Tonsils normal	$X^2=5.34, p<.03$
		DXNY046C	Gingivitis	$X^2=11.86, p<.01$
		DXNY048C	Caries	$X^2=7.72, p<.01$
		SYM0DX21A	Bleeding gums diagnosis	$X^2=4.51, p<.04$
		DXNY049C	Teeth broken craters	$X^2=16.8, p<.01$
	Dental	Dental Problems	$X^2=22.38, p<.01$	
Q142_BK	Tooth pain	SYMNY20C	Teeth problems history	$X^2=29.18, p<.01$
		SYM0N20C	Teeth problems now	$X^2=29.18, p<.01$
		SYM0DR20C	Teeth problems doctor visit	$X^2=14.77, p<.01$
		SYM0DX20A	Teeth problems diagnosis	$X^2=27.68, p<.01$
		DXNY048C	Caries	$X^2=4.1, p<.05$
		DXNY049C	Teeth broken craters	$X^2=6.75, p<.01$
		Dental	Dental Problems	$X^2=13.09, p<.01$

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q142_CK	Bleeding gums	SYMDR20C	Teeth problems doctor visit	$X^2=7.46, p<.01$
		SYMNY21C	Bleeding gums history	$X^2=30.82, p<.01$
		SYMON21C	Bleeding gums now	$X^2=34.28, p<.01$
		SYMDR21C	Bleeding gums doctor visit	$X^2=42.24, p<.01$
		SYM DX21A	Bleeding gums diagnosis	$X^2=27.22, <.01$
		DXNY046C	Gingivitis	$X^2=2.99, p=.084$
		DXNY049C	Teeth broken craters	$X^2=4.03, p<.05$
	Dental	Dental Problems	$X^2=6.96, p<.01$	
Q142_DK	What patches in mouth	SYMNY20C	Teeth problems history	$X^2=14.74, p<.01$
		SYMON20C	Teeth problems now	$X^2=14.74, p<.01$
		SYMDR20C	Teeth problems doctor visit	$X^2=6.3, p<.02$
		SYM DX20A	Teeth problems diagnosis	$X^2=3.2, p=.074$
		SYMNY21C	Bleeding gums history	$X^2=13.54, p<.01$
		SYMON21C	Bleeding gums now	$X^2=15.4, p<.01$
		SYMDR21C	Bleeding gums doctor visit	$X^2=4.58, p<.04$
		SYM DX21A	Bleeding gums diagnosis	$X^2=4.12, p<.05$
Q142_EK	None	SYMON20C	Teeth problems now	$X^2=19.62, p<.01$
		SYMDR20C	Teeth problems doctor visit	$X^2=9.93, p<.01$
		SYM DX20A	Teeth problems diagnosis	$X^2=18.74, p<.01$
		SYMNY21C	Bleeding gums history	$X^2=5.32, p<.03$
		SYMON21C	Bleeding gums now	$X^2=6.95, p<.01$

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q142_EK	None, con't	SYMDR21C	Bleeding gums doctor visit	$X^2=8.45, p<.01$
		SYM DX21A	Bleeding gums diagnosis	$X^2=6.59, p=.01$
		DXNY048C	Caries	$X^2=3.39, p=.066$
		DXNY049C	Teeth broken craters	$X^2=7.47, p<.01$
		Dental	Dental Problems	$X^2=22.60, p<.01$
Q142SKPK	Skip dental questions	DXNY051C	Unable to open mouth	$X^2=21.5, p<.01$
		DXNY052C	Limited flexion extension	$X^2=17.98, p<.01$
Q143YNC	Asthma or breathing problems	SYMNY30C	Wheezing history	$X^2=7.64, p<.01$
		SYM ON30C	Wheezing now	$X^2=4.97, p<.03$
		SYMDR30C	Wheezing doctor visit	$X^2=7.64, p<.01$
		SYM DX30A	Wheezing diagnosis	$X^2=14.98, p<.01$
		DXNY065C	Wheezing	$X^2=5.75, p<.02$
		DXNY066C	Breath sounds normal	$X^2=3.11, p=.078$
		DXNY067C	Rales	$X^2=2.85, p=.091$
		asthma	Asthma	$X^2=18.15, p<.01$
		SYMNY29C	Problems breathing history	$X^2=13.15, p<.01$
		SYM ON29C	Problems breathing now	$X^2=10.45, p<.01$
		SYMDR29C	Problems breathing doctor visit	$X^2=14.44, p<.01$
	SYM DX29A	Problems breathing diagnosis	$X^2=14.98, p<.01$	
Q143AC	Emergency room for asthma	SYM ON29C	Problems breathing now	$X^2=3.08, p=.079$
		SYMDR29C	Problems breathing doctor visit	$X^2=3.08, p=.079$

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q143BC	Med compliant for asthma	SYM0N30C	Wheezing now	$X^2=3.86, p=.05$
		Asthma	Asthma	$X^2=3.44, p=.063$
Q144YNC	Coughed blood past month			All <i>ns</i>
Q145YNC	High blood pressure	SYMNY78C	High blood pressure history	$X^2=6.3, p<.02$
		SYM0DR78C	High blood pressure doctor visit	$X^2=14.42, p<.01$
		hypertens	Hypertension	$X^2=14.85, p<.01$
Q146YNC	Weakness, tingling, numbness	SYMNY68C	Tingling hands or feet history	$X^2=3.42, p=.065$
		SYM0N68C	Tingling hands or feet now	$X^2=10.55, p<.01$
		SYM0DX68A	Tingling hands or feet diagnosis	$X^2=6.85, p<.04$
		SYM0N57C	Numbness hands or feet now	$X^2=10.55, p<.01$
Q147YNC	Trouble sleeping when tired			All <i>ns</i>
Q148_1K	Diarrhea	SYMNY37C	Constipation history	$X^2=2.95, p=.086$
		SYM0N37C	Constipation now	$X^2=5.2, p<.03$
		SYM0DR37C	Constipation doctor visit	$X^2=5.22, p<.03$
		SYM0DX37A	Constipation diagnosis	$X^2=5.41, p<.02$
		Constip	Constipation	$X^2=4.0, p<.05$
Q148_2K	Constipation	SYMNY37C	Constipation history	$X^2=14.27, p<.01$
		SYM0N37C	Constipation now	$X^2=23.92, p=.01$
		SYM0DR37C	Constipation doctor visit	$X^2=23.92, p<.01$
		SYM0DX37A	Constipation diagnosis	$X^2=8.41, p<.01$
		constip	Constipation	$X^2=6.06, p=.02$
SYM0DR36C	Diarrhea doctor visit	$X^2=10.99, p<.01$		

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q148_2K	Constipation, con't	SYMDX36A	Diarrhea diagnosis	$X^2=10.1, p<.01$
			diarrhea	$X^2=4.12, p<.05$
Q148_3K	Nausea, vomiting	SYMON38C	Vomiting now	$X^2=8.8, p<.01$
		SYMON39C	Nausea now	$X^2=3.49, p=.062$
Q148_4K	Heartburn	SYMNY34C	Heartburn history	$X^2=30.36, p<.01$
		SYMON34C	Heartburn now	$X^2=14.06, p<.01$
		SYMDR34C	Heartburn doctor visit	$X^2=26.94, p<.01$
		hrtbrn	Heartburn	$X^2=11.0, p<.01$
Q148_5K	Other stomach problem	hepdx	Hepatitis Diagnosis	$X^2=4.12, p=.042$
Q148_6K	None			All <i>ns</i>
Q148SKPK	Skip			All <i>ns</i>
Q149YNC	Bleeding or bruising easily	bruise	Bruises Easily	$X^2=2.82, p=.093$
		SYMNY59C	Easy bruising or bleeding history	$X^2=12.77, p<.01$
		SYMON59C	Easy bruising or bleeding now	$X^2=13.02, p<.01$
		SYMDR59C	Easy bruising or bleeding doctor visit	$X^2=5.48, p<.02$
Q151YNC	Low blood or anemia	hepdx	Hepatitis Diagnosis	$X^2=16.82, p<.01$
		Cough	Cough	$X^2=15.3, p<.01$
		constip	Constipation	$X^2=2.91, p=.088$
		cigarettes	Cigarettes	$X^2=4.43, p<.04$
		diarrhea	Diarrhea	$X^2=7.51, p<.01$
Q152YNC	Any cancer	subabu	Substance Abuse	$X^2=21.19, p<.01$
		lice	Lice	$X^2=21.19, p<.01$
Q153YNC	Hospital overnight	MEDHX12C	Ever overnight hospital	$X^2=53.54, p<.01$
Q154YNC	Special diet	SYMON04C	Losing now	$X^2=7.1, p<.01$
		SYMDR04C	Losing doctor visit	$X^2=6.19, p<.02$
Q155YNC	Lost 5 pounds last 3 months	SYMON04C	Losing now	$X^2=5.25, p=.073$
Q155A1K	Was dieting			All <i>ns</i>
Q155A2K	Was exercising			All <i>ns</i>

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q155A3K	Not enough to eat			All <i>ns</i>
Q155A4K	Loss of appetite	SYMON04C	Losing now	$X^2=3.53, =.06$
		SYMDR04C	Losing doctor visit	$X^2=3.53, =.06$
Q155A5K	Too upset to eat			All <i>ns</i>
Q155A6K	Do not know			All <i>ns</i>
Q155A7K	Some other reason	SYMON04C	Losing now	$X^2=19.13, p<.01$
		SYMDR04C	Losing doctor visit	$X^2=6.26, p<.02$
		SYMDX04A	Losing diagnosis	$X^2=12.9, p<.01$
Q155SKPK	Skip Weight Loss	SYMON04C	Losing now	$X^2=19.13, p<.01$
		SYMDR04C	Losing doctor visit	$X^2=6.26, p<.02$
		SYMDX04A	Losing diagnosis	$X^2=12.9, p<.01$
		Wtchng	Weight change	$X^2=12.5, p<.01$
Q156YNC	Hospitalized for $X^2$ =eating problem	eatdis	Eating Disorder	$X^2=4.03, p=.045$
Q157YNC	Ever throw up on purpose	MEDHX18C	Weight or eating disorder	$X^2=3.08, p=.079$
Q158C	Body Image Perception	WGTPROBA	Weight eating disorder description	$X^2=16.58, p<.01$
Q159YNC	Tattoos or piercing			All <i>ns</i>
Q160YNC	Braces on teeth	MEDHX20C	Date last dental exam	$X^2=60.65 p<.01$
Q161YNC	Dentist past year			All <i>ns</i>
Q162YNC	Teeth effect your appearance			All <i>ns</i>
Q169_1K	History of anxiety	SYMNY71C	Hallucinations history	$X^2=5.81, p<.02$
		SYMON71C	Hallucinations now	$X^2=6.35, p<.02$
		SYMDR71C	Hallucinations doctor visit	$X^2=3.14, p=.076$

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q169_1K	History of anxiety, con't	SYM03C	Problems concentrating now	$X^2=3.06, .08$
		SYMNY69C	Depression history	$X^2=3.5, p=.061$
		SYM069C	Depression now	$X^2=3.13, p=.077$
		SYM069C	Depression doctor visit	$X^2=4.74, p<.03$
		SYMNY02C	Fatigue history	$X^2=3.98, p<.05$
		SYM02C	Fatigue doctor visit	$X^2=3.7, p=.054$
		DXNY007C	Confused	$X^2=3.22, p=.073$
		DXNY008C	Depressed	$X^2=3.77, p=.052$
		FAMHX01C	Any fam medical, psych, drug problems	$X^2=5.25, p<.03$
		MEDHX08C	Self harm past year	$X^2=10.49, p<.01$
		SOC08C	Ever felt hopeless	$X^2=6.03, p<.02$
		SOC09C	Ever wanted to kill self	$X^2=5.97, p<.02$
		SOC10C	Ever tried to kill self	$X^2=4.04, p<.05$
		sexabu		$X^2=3.26, p=.071$
		Q169_2K	History of arguing, fighting	SYM072C
SYMNY06C	Feeling agitated history			$X^2=3.24, p=.072$
SYM06C	Feeling agitated now			$X^2=5.15, p<.03$
SYMNY70C	Mania history			$X^2=4.67, p<.04$
SYM02C	Fatigue doctor visit			$X^2=3.35, p=.067$
dizzy	Dizzy			$X^2=2.88, p=.09$
FAMHX01C	Any family medical, psychiatric, drug problems			$X^2=5.99, p<.02$
SOC08C	Ever felt hopeless	$X^2=3.92, p<.05$		

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q169_3K	History behavior problems	SYMNY70C	Mania history	$X^2=4.44, p<.04$
		SYMDR70C	Mania doctor visit	$X^2=2.81, p=.094$
Q169_4K	History Bipolar Disorder	SYMNY69C	Depression history	$X^2=3.5, p=.06$
		SYMON69C	Depression now	$X^2=3.07, p<.05$
		SYMDR69C	Depression doctor visit	$X^2=9.77, p<.01$
		SYMDR02C	Fatigue doctor visit	$X^2=2.89, p=.084$
		DXNY007C	Confused mood	$X^2=6.32, p<.02$
			Mood Disorder mheval	$X^2=4.9, p<.03$
			Mental Health Evaluation Referral	$X^2=9.6, p<.01$
		FAMHX01C	Any family medical, psychiatric, drug problems	$X^2=3.3, p=.069$
	sexabu	Sexual Abuse	$X^2=6.29, p<.02$	
Q169_5K	History depression	SYMNY06C	Feeling agitated history	$X^2=4.06, p<.05$
		SYMON06C	Feeling agitated now	$X^2=3.12, p=.077$
		SYMNY69C	Depression history	$X^2=13.86, p<.01$
		SYMON69C	Depression now	$X^2=11.07, p<.01$
		SYMDR69C	Depression doctor visit	$X^2=11.5, p<.01$
		SYMNY01C	Dizziness history	$X^2=4.03, p<.05$
		SYMDR01C	Dizziness doctor visit	$X^2=5.0, p<.03$
		SYMDR02C	Fatigue doctor visit	$X^2=3.53, p=.06$
		DXNY008C	Depressed mood	$X^2=3.61, p=.058$
		mhmeds	Mental Health Medications	$X^2=2.9, p=.088$
	mood si	Mood Disorder Suicidal Ideation	$X^2=6.45, p<.02$	
			$X^2=4.63, p<.04$	



## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q169_5K	History depression, con't	mheval	Mental Health Evaluation Referral	$X^2=3.49, p=.062$
		FAMHX01C	Any fam medical, psych, drug problems	$X^2=7.45, p<.01$
		MEDHX08C	Self harm past year	$X^2=13.34, p<.01$
		SOC08C	Ever felt hopeless	$X^2=12.96, p<.01$
		SOC09C	Ever wanted to kill self	$X^2=25.2, p<.01$
		SOC10C	Ever tried to kill self	$X^2=12.6, p<.01$
Q169_6K	History emotional problems	SYMNY72C	Other psychiatric problems history	$X^2=4.7, p=.03$
		SYMON72C	Other psychiatric problems now	$X^2=4.7, p=.03$
		SYMMDR03C	Problems concentrating doctor visit	$X^2=4.79, p<.03$
		SYMNY69C	Depression history	$X^2=5.69, p<.02$
		SYMMDR69C	Depression doctor visit	$X^2=5.53, p<.02$
		SYMMDR01C	Dizziness doctor visit	$X^2=4.79, p<.03$
		DXNY008C	Depressed Inattention	$X^2=2.7, p=.096$ $X^2=4.77, p<.03$
Q169_7K	History learning problems	SYMNY71C	Hallucinations history	$X^2=6.28, p<.02$
		SYMON71C	Hallucinations now	$X^2=3.08, p=.079$
		SYMMDR71C	Hallucinations doctor visit	$X^2=7.99, p<.01$
		SYMMDR03C	Problems concentrating doctor visit	$X^2=3.18, p=.075$
		SYMNY69C	Depression history	$X^2=3.26, p=.071$
		SYMON69C	Depression now	$X^2=3.08, p=.079$

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q169_7K	History learning problems	SYMDR69C	Depression doctor visit	$X^2=4.18, p<.05$
		SYMNY02C	Fatigue history	$X^2=3.67, p=.055$
		SYMON02C	Fatigue now	$X^2=4.27, p<.04$
		DXNY008C	Depressed	$X^2=4.5, p<.04$
		mheval	Mental Health Evaluation Referral	$X^2=4.56, p<.04$
		MEDHX08C	Self harm past year	$X^2=3.24, p=.072$
Q169_8K	History Mental illness	SOC09C	Ever wanted to kill self	$X^2=3.15, p=.076$
		SOC09C	Ever wanted to kill self	$X^2=3.15, p=.076$
Q169_10K	History schizophrenia	SYMON03C	Problems concentrating now	$X^2=3.53, p=.06$
		SYMDR03C	Problems concentrating doctor visit	$X^2=7.67, p<.01$
		inattent	Inattention	$X^2=12.5, p<.01$
		mheval	Mental Health Evaluation Referral	$X^2=9.7, p<.01$
Q169_11K	History trauma	SYMNY69C	Depression history	$X^2=5.6, p<.02$
		SYMON69C	Depression now	$X^2=4.08, p<.05$
		SYMDR69C	Depression doctor visit	$X^2=11.56, p<.01$
		SYMNY02C	Fatigue history	$X^2=10.63, p<.01$
		SYMON02C	Fatigue now	$X^2=11.71, p<.01$
		DXNY008C	Depressed	$X^2=9.83, p<.01$
		mhmeds	Mental Health Medications	$X^2=4.14, p<.05$
		mood	Mood Disorder	$X^2=4.82, p<.03$
		Dizzy	Dizzy	$X^2=6.19, p<.02$
		FAMHX01C	Any family medical, psychiatric, drug problems	$X^2=3.8, p=.05$
MEDHX08C	Self harm past year	$X^2=2.77, p=.096$		

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items				
Number	Name	Number	Name	Association		
Q169_12K	History other mental health	SOC08C	Ever felt hopeless	$X^2=2.99, p=.083$		
		SYMDR72C	Other psychiatric problems doctor visit	$X^2=2.77, p=.096$		
		SYMDR69C	Depression doctor visit	$X^2=2.94, p=.087$		
		DXNY008C	Depressed	$X^2=2.84, p=.092$		
		mhmeds	Mental Health Medications	$X^2=7.06, p<.01$		
		mood	Mood Disorder	$X^2=8.71, p<.01$		
		mheval	Mental Health Evaluation Referral	$X^2=2.88, p=.089$		
		MEDHX08C	Self harm past year	$X^2=14.22, p<.01$		
		SOC10C	Ever tried to kill self	$X^2=3.93, <.05$		
Q169_13K	No history	SYMNY69C	Depression history	$X^2=5.1, <.03$		
		SYMON69C	Depression now	$X^2=2.9, p=.088$		
		SYMDR69C	Depression doctor visit	$X^2=4.78, p<.03$		
		FAMHX01C	Any family medical, psychiatric, drug problems	$X^2=3.54, p=.06$		
		MEDHX08C	Self harm past year	$X^2=3.31, p=.069$		
		SOC08C	Ever felt hopeless	$X^2=6.92, p<.01$		
		SOC09C	Ever wanted to kill self	$X^2=5.69, p<.02$		
		Q169SKPK	Mental health skip	anxty	Anxiety	$X^2=8.41, p<.01$
				fammh	Family Mental Health History	$X^2=10.09, p<.01$
Q170YNC	Health insurance	MEDHX07C	Bad burn past year	$X^2=3.68, p=.055$		
		MEDHX15C	Recurrent or chronic infections	$X^2=7.26, p<.01$		
		MEDHX21C	Had All immunizaitons	$X^2=8.58, p<.01$		

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q170YNC	Health insurance	MEDHX22C	Every had positive tb test or tb	$X^2=2.99, p=.084$
Q171YNC	Vaginal exam past year	SYMNY44C	Heavy period history	$X^2=3.85, p=.05$
		SYMOM44C	Heavy period now	$X^2=5.16, p=.023$
Q172YNC	Breast exam past year			All <i>ns</i>
Q173YNC	Regular health care provider	MEDHX13C	Any surgery	$X^2=3.09, p=.079$
		MEDHX14C	Allergies	$X^2=5.61, p<.02$
		MEDHX15C	Recurrent or chronic infections	$X^2=4.16, p<.04$
		MEDHX18C	Weight or eating disorder	$X^2=6.23, p<.02$
Q174_1K	Health care, no money	MEDHX14C	Allergies	$X^2=3.0, p=.082$
		MEDHX15C	Recurrent or chronic infections	$X^2=5.3, p<.03$
Q174_2K	Health care, no insurance	MEDHX15C	Recurrent or chronic infections	$X^2=16.96, p<.01$
Q174_3K	Health care, no transportation	MEDHX17C	Ever tested for STIs	$X^2=3.12, p=.078$
Q174_4K	Health care, no child care	MEDHX17C	Ever tested for STIs	$X^2=2.78, p=.098$
		MEDHX22C	Every had positive tb test or tb	$X^2=11.1, p<.01$
Q174_5K	Health care at ER only	MEDHX12C	Ever overnight hospital	$X^2=4.6, p<.04$
		MEDHX13C	Any surgery	$X^2=3.06, p=.08$
		MEDHX15C	Recurrent or chronic infections	$X^2=15.32, p<.01$
Q174_6K	Health care, other problem	MEDHX03C	Any serious accidents or injuries	$X^2=3.32, p=.068$
		MEDHX12C	Ever overnight hospital	$X^2=4.93, p<.03$
		MEDHX19C	Need eyeglasses	$X^2=2.7, p=.095$

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q174_6K	Health care, other problem, con't	MEDHX21C	Had All immunizations	$X^2=2.98, p=.084$
Q176YNC	History homelessness	SOC05C	Homeless in past year	$X^2=23.99, p<.01$
Q177YNC	Live where gangs in neighborhood	SOC06C	Gangs in home neighborhood	$X^2=37.22, p<.01$
		SOC07C	Weapon carrying in neighborhood	$X^2=17.99, p<.01$
Q178YNC	Ever gang involved	SOC06C	Gangs in home neighborhood	$X^2=7.6, p<.01$
Q179YNC	Weapons carrying in neighborhood	SOC06C	Gangs in home neighborhood	$X^2=23.46, p<.01$
		SOC07C	Weapon carrying in neighborhood	$X^2=36.71, p<.01$
Q180YNC	Weapons in your home			All <i>ns</i>
Q181YNC	History carrying weapon	SOC07C	Weapon carrying in neighborhood	$X^2=4.95, p<.03$
Q186YNC	History 12-step treatment	SOC14C	Ever been drunk	$X^2=18.06, p<.01$
		SOC14AC	Drunk with blackout	$X^2=5.62, p<.02$
		SOC14BC	Drunk with memory loss	$X^2=3.72, p=.054$
		SOC15C	Drink too much feedback	$X^2=5.29, p<.03$
		SOC17C	Used drugs past month	$X^2=4.03, p<.05$
		SOC18C	Drugs too much feedback	$X^2=21.87, p<.01$
		SOC19C	Think too much drugs	$X^2=10.6, p<.01$
		SOC20C	SA interferes with school work	$X^2=23.76, p<.01$
		SOC21C	Regret drunk high behavior	$X^2=17.41, p<.01$
	SOC22C	Any IVDU	$X^2=3.53, p=.06$	

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q186YNC	History 12-step treatment	SYMDR03C	Problems concentrating doctor visit	$X^2=3.33, p=.068$
		FAMHX01C	Any family medical, psychiatric, drug problems	$X^2=5.26, p<.03$
		SOC09C	Ever wanted to kill self	$X^2=3.49, p=.062$
		SOC10C	Ever tried to kill self	$X^2=2.79, p=.094$
Q187YNC	Chemical Dependency Treatment other than AA or NA	SYMNY03C	Problems concentrating history	$X^2=5.03, p=.025$
		SYMON03C	Problems concentrating now	$X^2=7.12, p<.01$
		SYMDR03C	Problems concentrating doctor visit	$X^2=9.13, p<.01$
		Inattent	Inattention	$X^2=4.17, p<.05$
		Dizzy	Dizzy	$X^2=2.78, p=.095$
		FAMHX01C	Any family medical, psychiatric, drug problems	$X^2=3.1, p=.078$
		SOC12C	Smoked cigarette past month	$X^2=4.11, p<.05$
		SOC13C	Any alcohol past month	$X^2=3.53, p=.06$
		SOC14C	Ever been drunk	$X^2=17.58, p<.01$
		SOC14AC	Drunk with blackout	$X^2=5.43, p=.02$
		SOC15C	Drink too much feedback	$X^2=15.85, p<.01$
		SOC16C	Think you drink too much	$X^2=4.1, p<.05$
		SOC17C	Used drugs past month	$X^2=9.76, p<.01$

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q187YNC	Chemical Dependency Treatment other than AA or NA	SOC18C	Drugs too much feedback	$X^2=33.55, p<.01$
		SOC19C	Think too much drugs	$X^2=18.54, p<.01$
		SOC20C	SA interferes with school work	$X^2=36.59, p<.01$
		SOC21C	Regret drunk high behavior	$X^2=13.25, p<.01$
		SOC22C	Any IVDU	$X^2=13.41, p<.01$
Q187A1K	Alcohol Detox	SOC12C	Smoked cigarette past month	$X^2=3.92, p<.05$
		SOC18C	Drugs too much feedback	$X^2=10.36, p<.01$
		SOC19C	Think too much drugs	$X^2=6.66, p<.01$
Q187A2K	Drug Detox	SYMON71C	Hallucinations now	$X^2=3.98, p<.05$
		SYMDR71C	Hallucinations doctor visit	$X^2=9.79, p<.01$
		SYMON03C	Problems concentrating now	$X^2=4.73, p=.03$
		SYMDR03C	Problems concentrating doctor visit	$X^2=4.38, p<.04$
		SYMNY69C	Depression history	$X^2=3.02, p=.082$
		SYMDR70C	Mania doctor visit	$X^2=3.98, p<.05$
		SYMDR02C	Fatigue doctor visit	$X^2=5.9, p<.02$
		DXNY007C	Confused	$X^2=9.99, p<.01$
Q187A2K	Drug Detox	SOC14C	Ever been drunk	$X^2=6.13, p<.02$
		SOC14AC	Drunk with blackout	$X^2=6.13, p<.02$
		SOC14BC	Drunk with memory loss	$X^2=3.14, p=.076$
		SOC15C	Drink too much feedback	$X^2=3.2, p=.064$
		SOC17C	Used drugs past month	$X^2=6.38, p<.02$

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q187A2K	Drug Detox, con't	SOC18C	Drugs too much feedback	$X^2=8.56, p<.01$
		SOC19C	Think too much drugs	$X^2=18.06, p<.01$
		SOC20C	SA interferes with school work	$X^2=18.61, p<.01$
		SOC21C	Regret drunk high behavior	$X^2=19.52, p<.01$
		SOC22C	Any IVDU	$X^2=12.56, p<.01$
Q187A3K	Alcohol abuse education only	SYMNY72C	Other psychiatric problems history	$X^2=11.72, p<.01$
		SYMON72C	Other psychiatric problems now	$X^2=11.72, p<.01$
		SYMDR72C	Other psychiatric problems doctor visit	$X^2=14.7, p<.01$
		SYMNY03C	Problems concentrating history	$X^2=2.99, p=.084$
		SYMON03C	Problems concentrating now	$X^2=5.1, p<.03$
		SYMDR03C	Problems concentrating doctor visit	$X^2=11.86, p<.01$
		Mhmeds	Mental Health Medications	$X^2=7.06, p<.01$
		Mood	Mood Disorder	$X^2=2.73, p=.098$
		Inattent	Inattention	$X^2=19.77, p<.01$
Mheval	Mental Health Evaluation Referral	$X^2=2.88, p=.089$		
Q187A3K	Alc abuse ed only	SOC14C	Ever been drunk	$X^2=2.92, p=.088$
		SOC18C	Drugs too much feedback	$X^2=9.65, p<.01$
		SOC19C	Think too much drugs	$X^2=8.59, p<.01$
		SOC20C	SA interferes with school work	$X^2=6.2, p<.02$



## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q187A4K	Drug abuse education only	SYMNY72C	Other psychiatric problems history	$X^2=3.81, p=.051$
		SYMNY69C	Depression history	$X^2=2.8, p=.095$
		inattent	Inattention	$X^2=5.81, p<.02$
Q187A4K	Drug abuse ed only	SOC14C	Ever been drunk	$X^2=5.07, p<.03$
		SOC18C	Drugs too much feedback	$X^2=12.44, p<.01$
		SOC19C	Think too much drugs	$X^2=11.67, p<.01$
		SOC20C	SA interferes with school work	$X^2=15.22, p<.01$
		SOC22C	Any IVDU	$X^2=8.6, p<.01$
Q187A5K	Inpatient rehab	SYMNY70C	Mania history	$X^2=5.33, p<.03$
		Sexabu	Sexual Abuse History	$X^2=11.32, p<.01$
Q187A5K	Inpatient rehab	SOC12C	Smoked cigarette past month	$X^2=8.0, p<.01$
		SOC13C	Any alcohol past month	$X^2=3.04, p=.081$
		SOC13AC	Alcohol past week	$X^2=3.54, p=.06$
		SOC14C	Ever been drunk	$X^2=5.47, p<.02$
		SOC18C	Drugs too much feedback	$X^2=5.91, p<.02$
		SOC19C	Think too much drugs	$X^2=6.9, p<.01$
		SOC20C	SA interferes with school work	$X^2=6.16, p<.02$
		SOC21C	Regret drunk high behavior	$X^2=3.25, p=.072$
SOC22C	Any IVDU	$X^2=6.87, p<.01$		
Q187A6K	Drug free halfway house	SOC09C	Ever wanted to kill self	$X^2=5.46, p<.02$
Q187A6K	Drug free halfway house	SOC18C	Drugs too much feedback	$X^2=3.39, p=.066$
Q187A7K	Outpatient treatment	SOC19C	Think too much drugs	$X^2=5.87, p<.02$
		SOC19C	Think too much drugs	$X^2=4.74, p<.03$

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q187A7K	Outpatient treatment, con't	SOC21C	Regret drunk high behavior	$X^2=6.38, p<.02$
		SOC22C	Any IVDU	$X^2=20.65, p<.01$
Q187A7K	Outpatient treatment	SYMDR06C	Feeling agitated doctor visit	$X^2=3.67, p=.055$
		SYMDR02C	Fatigue doctor visit	$X^2=9.72, p<.01$
		DXNY007C	Confused	$X^2=14.71, p<.01$
Q187A8K	Other	SYMNY71C	Hallucinations history	$X^2=2.95, p=.086$
		SYMNY03C	Problems concentrating history	$X^2=14.8, p<.01$
		SYMNON03C	Problems concentrating now	$X^2=11.0, <.01$
		SYMDR03C	Problems concentrating doctor visit	$X^2=9.34, p<.01$
		SYMNY69C	Depression history	$X^2=3.06, p=.08$
		SYMNON69C	Depression now	$X^2=5.54, p<.02$
		SYMDR69C	Depression doctor visit	$X^2=6.82, p<.01$
		SYMNY01C	Dizziness history	$X^2=23.63, p<.01$
		SYMNON01C	Dizziness now	$X^2=11.01, p<.01$
		SYMNY02C	Fatigue history	$X^2=6.23, p<.02$
		SYMNON02C	Fatigue now	$X^2=6.93, p<.01$
		Mhmeds	Mental Health Medications	$X^2=14.77, p<.01$
		Inattent	Inattention	$X^2=3.08, p=.08$
		Dizzy	Dizzy	$X^2=20.28, p<.01$
		FAMHX01C	Any family medical, psychiatric, drug problems	$X^2=3.26, p=.071$
		MEDHX08C	Self harm past year	$X^2=3.72, p=.054$
		SOC08C	Ever felt hopeless	$X^2=4.25, p<.04$
SOC10C	Ever tried to kill self	$X^2=2.77, p=.096$		

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q187A8K	Other, con't	SOC14C	Ever been drunk	$X^2=3.54, p=.06$
		SOC14AC	Drunk with blackout	$X^2=6.67, p<.01$
		SOC14BC	Drunk with memory loss	$X^2=2.88, p=.089$
		SOC15C	Drink too much feedback	$X^2=18.11, p<.01$
		SOC18C	Drugs too much feedback	$X^2=6.87, p<.01$
		SOC20C	SA interferes with school work	$X^2=8.47, p<.01$
		SOC21C	Regret drunk high behavior	$X^2=4.26, p<.04$
Q188YNC	Want treatment after release	SYMDR72C	Other. psychiatric problems doctor visit	$X^2=5.59, p=.061$
		SYMNY03C	Problems concentrating history	$X^2=4.75, p=.093$
		SYMON03C	Problems concentrating now	$X^2=6.0, p<.05$
		SYMDR03C	Problems concentrating doctor visit	$X^2=16.59, p<.01$
		SYMNY02C	Fatigue history	$X^2=4.75, p=.093$
		Si	Suicidal Ideation	$X^2=9.98, p<.01$
		Inattent	Inattention	$X^2=7.4, p<.03$
		Mheval	Mental Health Evaluation Referral	$X^2=4.68, p=.098$
		FAMHX01C	Any family medical, psychiatric, drug problems	$X^2=5.11, p=.078$
		MEDHX08C	Self harm past year	$X^2=11.61, p<.01$
		Sexabu	Sexual Abuse History	$X^2=8.24, p<.02$

## APPENDIX I: GHS ITEMS AND PE RESULTS

GHS Items		Related Physical Examination Items		
Number	Name	Number	Name	Association
Q188YNC	Want treatment after release	SOC14C	Ever been drunk	$X^2=16.12, p<.01$
		SOC17C	Used drugs past month	$X^2=4.83, p=.089$
		SOC18C	Drugs too much feedback	$X^2=7.9, p<.02$
		SOC19C	Think too much drugs	$X^2=20.87, p<.01$
		SOC20C	SA interferes with school work	$X^2=11.55, p<.01$
		SOC21C	Regret drunk high behavior	$X^2=6.23, p<.05$
Q189YNC	Ever suspended or expelled	Q2_10THK	Retained tenth grade	All <i>ns</i>
Q190YNC	Ever dropped out of school			All <i>ns</i>
Q191YNC	Special ed for academics or behavior	SOC03C	Special ed history	$X^2=26.18, p<.01$
Q192YNC	Ever retained	Q2NONEK	Never failed or retained	$X^2=72.75, p<.01$
		Q2_1STK	Retained first grade	$X^2=8.5, p<.01$
		Q2_2NDK	Retained second grade	$X^2=5.6, p<.02$
		Q2_4THK	Retained fourth grade	$X^2=5.6, p<.02$
		Q2_5THK	Retained fifth grade	$X^2=8.5, p<.01$
		Q2_8THK	Retained eighth grade	$X^2=2.99, p=.084$
		Q2_9THK	Retained ninth grade	$X^2=32.13, p<.01$
		Q2_11THK	Retained eleventh grade	$X^2=2.78, p=.095$
Q193YNC	Ever on honor roll	Q2NONEK	Never failed or retained	$X^2=5.24, p=.073$

## APPENDIX II: FREQUENCY OF RESPONSES TO GHS ITEMS (N=112)

Item Number	Item Name	N	%
Q12YNC	Daily Meds	25	22.3
Q13YNC	Prescription Allergy	15	13.5
Q14YNC	OTC Allergy	5	4.5
Q15YNC	Food Allergy	34	30.9
Q16YNC	Other Allergy like bee sting	12	10.7
Q17YNC	G6PD	0	0
Q18YNC	EPI Pen	1	1%
Q18AC	Ever used EPI pen	0	0
Q18BC	EPI with you now	0	0
Q19YNC	Accident or Injury Past Week	14	12.7
Q19AC	If yes, medical care	9	8
Q20YNC	LOC past 2 days	6	5.4
Q21YNC	Trouble breathing	13	11.9
Q22YNC	Non-menstrual bleeding past week	6	5.4
Q23YNC	Current pain	47	42.0
Q24YNC	Surgery, overnight hospital last 3 months	11	24.9
Q25YNC	Self-report current pregnancy	8	7.1
Q25AC	Vaginal discharge	20	17.9
Q26YNC	Positive TB History	9	8.1
Q26AC	Taking TB meds now	9	8.1
Q26BC	Coughing now	8	7.1
Q27YNC	TB exposure last 12 months	12	10.7
Q28YNC	Ever in adult prison or jail	9	8.1
Q29YNC	Cold or flu	33	29.5
Q29AC	Sore throat	14	12.5
Q29BC	Cough	24	21.4
Q29CC	Earache	8	7.1
Q29DC	Runny nose	18	16.1
Q30YNC	Fever past day	14	12.6
Q31YNC	MMR exposure past few weeks	1	1
Q32YNC	Severe cough	6	5.4
Q33YNC	Recent pertussis exposure	3	2.7
Q34YNC	Diabetes diagnosis	3	2.7
Q34AC	Diabetes meds	0	0
Q35YNC	Itching anywhere	12	10.7
Q35AC	Lice, crabs, scabies, ringworm	2	1.8
Q36YNC	Seizure history	6	5.4
Q36AC	Seizure meds	2	1.8
Q37YNC	Heart problems history	5	4.5
Q37AC	Heart problem meds	0	0
Q38YNC	Heart palpitations	19	17.1
Q39YNC	4 or more drinks past 24 hrs	2	1.8

DRAFT: FOR DISCUSSION PURPOSES

Q39AC Drunk right now 2 1.8  
 APPENDIX II: FREQUENCY OF RESPONSES TO GHS ITEMS (N=112)

Item Number	Item Name	N	%
Q39BC	Need help to detox alcohol	0	0
Q40YNC	Drugs past 24 hrs	2	1.8
Q40AC	High now	0	0
Q40BC	Need help to detox drugs	0	0
Q41YNC	Need glasses or contacts	47	42.0
Q41AC	Have glasses with you now	5	4.5
Q42YNC	Need hearing aid	3	2.7
Q42AC	Have hearing aid with you	0	0
Q43YNC	Problems stand, bend, climb, walk	17	15.2
Q44YNC	Problems lifting or holding	7	6.3
Q45YNC	Need equipment for physical disability	1	1
Q46YNC	Inpatient psych past 6 months	9	8.0
Q47YNC	Visual hallucinations	14	12.5
Q47AC	Visual halluc, not drug related	9	8.0
Q48YNC	Auditory halluc	15	13.4
Q48AC	Auditory halluc, not drug related	10	8.9
Q49YNC	Mind play tricks	25	22.3
Q50YNC	Control TD	4	3.6
Q51YNC	Self harm cut or burn	26	23.2
Q51AC	Self harm past month	8	7.1
Q52YNC	Recent hopelessness	35	31.3
Q53YNC	Suicidal ideation	19	17.0
Q53AC	Suicidal plan	3	2.7
Q54YNC	Homicidal ideation	25	22.3
Q55YNC	Forced sex history	3	2.7
Q56YNC	Sexual assault or rape past 5 days	3	2.7
Q57YNC	Threatening person at this detention	3	2.7
Q58YNC	Gang fighting	24	21.4
Q59YNC	Seen traumatic injury or death	66	58.9
Q60YNC	Feared traumatic injury or death	32	28.6
Q61YNC	Stabbed or shot past 2 weeks	1	1
Q62YNC	Head injury or concussion past 2 weeks	5	4.5
Q63YNC	Current stitches	0	0
Q64YNC	Current broken bone	4	3.6
Q65_1K	Sexually attracted to boys	64	57.1
Q65_2K	Sexually attracted to men	32	28.6
Q65_3K	Sexually attracted to girls	5	4.5
Q65_4K	Sexually attracted to women	2	1.8
Q65_5K	Sexually attracted to males & females	19	17.0
Q65_6K	Sexually attracted undecided	1	1
Q65SKPK	Sexually attracted skip	6	5.4
Q66YNC	Intercourse past 3 months	72	64.3

DRAFT: FOR DISCUSSION PURPOSES

Q67YNC Anal sex past 3 months 8 7.1  
 APPENDIX II: FREQUENCY OF RESPONSES TO GHS ITEMS (N=112)

Item Number	Item Name	N	%
Q68YNC	Oral sex	44	39.3
Q70_1K	Condoms	64	57.1
Q70_2K	Birth control pill	13	11.6
Q70_3K	Depo-Provera or injection	9	8.0
Q70_4K	Birth control patch, Evra	3	2.7
Q70_5K	Spermicide	0	0
Q70_6K	Nuva Ring	0	0
Q70_7K	IUD	1	1
Q70_8K	Pulling out or withdrawal	22	19.6
Q70_9K	Morning after pill	4	3.6
Q70_10K	Other birth control	1	1
Q70_11K	None, do not use birth control	18	16.1
Q70SKPK	Birth control skip	17	15.2
Q71YNC	Ever pregnant	21	18.8
Q71BC	Pregnant past 3 months	5	4.5
Q72YNC	Ever miscarry	11	9.8
Q72AC	Miscarriage past 3 months	2	1.3
Q73YNC	Abortion	7	6.3
Q73AC	Abortion past 3 months	1	1
Q74_1K	Saw doctor first pregnancy	14	12.5
Q74_2K	Saw doctor second pregnancy	2	1.8
Q74_3K	Saw doctor any other pregnancy	2	1.8
Q74_4K	No doctor any pregnancy	4	3.6
Q74SKPK	Doctor when pregnant skip	0	0
Q75_1K	Health problems first pregnancy	6	5.4
Q75_2K	Health problems second pregnancy	1	1
Q75_3K	Health problems any other pregnancy	0	0
Q75_4K	No health problems any pregnancy	10	8.9
Q75SKPK	Pregnancy health problems skip	2	1.8
Q76_1K	Alcohol drugs first pregnancy	6	5.4
Q76_2K	Alcohol drugs second pregnancy	3	2.7
Q76_3K	Alcohol drugs any other pregnancy	0	0
Q76_4K	No alcohol drugs any pregnancy	11	9.8
Q76SKPK	Pregnancy alcohol drugs skip	0	0
Q77YNC	Ever had a baby	5	4.5
Q77AC	Number of births	5	4.5
Q77BC	Given birth last 6 months	1	1
Q78_1K	Labor, delivery problems first baby	2	1.8
Q78_2K	Labor delivery problems second baby	0	0
Q78_3K	Labor delivery problems any other baby	0	0
Q78_4K	No labor delivery problems any baby	4	3.6
Q78SKPK	Labor delivery problems skip	1	1

DRAFT: FOR DISCUSSION PURPOSES

Q79\_1K Medical setting for first delivery 4 3.6  
 APPENDIX II: FREQUENCY OF RESPONSES TO GHS ITEMS (N=112)

Item Number	Item Name	N	%
Q79_2K	Medical setting for second delivery	0	0
Q79_3K	Medical setting for any other delivery	0	0
Q79_4K	No medical setting any delivery	2	1.8
Q79SKPK	Medical setting skip	1	1
Q80_1AK	First baby health, normal	4	3.6
Q80_1BK	First baby premature	0	0
Q80_1CK	First baby under 6 pounds	0	0
Q80_1DK	First baby respiratory problems	0	0
Q80_1EK	First baby intensive care	0	0
Q80_2AK	Second baby health, normal	0	0
Q80_2BK	Second baby premature	0	0
Q80_2CK	Second baby under 6 pounds	0	0
Q80_2DK	Second baby respiratory problems	0	0
Q80_2EK	Second baby intensive care	0	0
Q80_3AK	Any other baby health, normal	0	0
Q80_3BK	Any other baby premature	0	0
Q80_3CK	Any other baby under 6 pounds	0	0
Q80_3DK	Any other baby respiratory problems	0	0
Q80_3EK	Any other baby intensive care	0	0
Q80SKPK	Baby health care skip	4	3.6
Q81C	How many children alive	4	3.6
Q82C	How many children live with you	4	3.6
Q83YNC	Seen doctor since last birth	5	4.5
Q84YNC	Breastfed in past month	0	0
Q85YNC	Any health needs in children	0	0
Q86YNC	Afford doctor for children	4	3.6
Q87YNC	Regular doctor for children	4	3.6
Q88YNC	Well baby care for children	4	3.6
Q90YNC	Want parenting classes	3	2.7
Q91YNC	Missed periods when not pregnant	26	23.2
Q92YNC	Heavy bleeding past 3 months	19	17.0
Q93YNC	Spotting past 3 months	17	15.2
Q94YNC	Menstrual cramps or pain	52	46.4
Q95YNC	Vaginal discharge	17	15.2
Q96YNC	Vaginal irritation	2	1.8
Q97YNC	Current yeast infection	9	8.1
Q98YNC	Breast lumps	5	4.5
Q99YNC	Irregular PAP smear	8	7.1
Q99BC	Treatment	5	4.5
Q99CC	Finish treatment	4	3.6
Q100YNC	History STI	23	20.5
Q100A1K	Chlamydia	15	13.4



DRAFT: FOR DISCUSSION PURPOSES

Q100A2K Gonorrhea 4 3.6  
 APPENDIX II: FREQUENCY OF RESPONSES TO GHS ITEMS (N=112)

Item Number	Item Name	N	%
Q100A3K	Syphilis	0	0
Q100A4K	Herpes	1	1
Q100A5K	Genital or anal warts	1	1
Q100A6K	Trichomoniasis	4	3.6
Q100A7K	Vaginitis not yeast	1	1
Q100A8K	Other STI	2	1.8
Q100A9K	Do not know	0	0
Q100SKPK	STI skip	2	1.8
Q101YNC	Lower abdominal pain past 2 weeks	24	21.4
Q102YNC	History PID	4	3.6
Q103YNC	Ever tested HIV	60	53.6
Q103AC	HIV Results	57	50.9
Q103BC	HIV medicine	0	0
Q104YNC	Pain on urination	6	5.4
Q105YNC	Frequent urination	23	20.5
Q106YNC	Current bladder infection or UTI	11	9.8
Q107YNC	Use too much alcohol drugs	24	21.4
Q108YNC	Family or friends use too much	31	27.7
Q109YNC	Use kept you from responsibilities	29	25.9
Q112YNC	Ever use drugs with alcohol	60	53.6
Q114YNC	Cocaine past 90 days	11	9.8
Q115YNC	Crack past 90 days	3	2.7
Q116YNC	Meth past 90 days	21	18.8
Q117YNC	MDMA past 90 days	12	10.7
Q118YNC	Rohypnol past 90 days	1	1
Q119YNC	GHB past 90 days	0	0
Q120YNC	Heroin past 90 days	3	2.7
Q121YNC	Hallucinogens past 90 days	4	3.6
Q122YNC	Abuse OTC past 90 days	12	10.7
Q123YNC	Abuse RX past 90 days	7	6.3
Q124YNC	Inhalant abuse past 90 days	10	8.9
Q125YNC	Any other drugs past 90 days	6	5.4
Q126YNC	IVDU	8	7.1
Q126AC	Number IVD Uses past 90 days	0	0
Q127YNC	Shared Needles	1	1
Q128YNC	Sex with IVD User	11	9.8
Q129YNC	Alcohol or drug black outs	38	33.9
Q130YNC	Sick or OD on alcohol or drugs	30	26.8
Q131_1K	Chicken Pox immunization	58	51.8
Q131_2K	Flu shot	60	53.6
Q131_3K	Hepatitis A shots	51	45.5
Q131_4K	Hepatitis B shots	54	48.2

DRAFT: FOR DISCUSSION PURPOSES

Q131\_5K Measles shot 38 33.9  
 APPENDIX II: FREQUENCY OF RESPONSES TO GHS ITEMS (N=112)

Item Number	Item Name	N	%
Q131_6K	Meningitis shots	10	8.9
Q131_7K	Tetanus shots	19	17.0
Q131_8K	Do not Know	48	42.9
Q131SKPK	Skip shots questions	21	18.8
Q132YNC	History of Hep dx	2	1.8
Q133_1K	Acne	35	31.3
Q133_2K	Eczema	8	7.1
Q133_3K	Rashes	13	11.6
Q133_4K	Easy bruising	20	17.9
Q133_5K	Very dry skin	30	26.8
Q133_6K	Burns	5	4.5
Q133_7K	Scars that are healing	25	22.3
Q133SKPK	Skip skin questions	39	34.8
Q134_1K	Hair falling out	23	20.5
Q134_2K	Hair getting really dry	29	25.9
Q134_3K	Hair thinning or breaking	22	19.6
Q134_4K	No hair problems	60	53.6
Q134SKPK	Skip hair questions	9	8.0
Q135YNC	Eye problems	40	35.7
Q136YNC	Ear problems	15	13.4
Q137YNC	Allergies or hay fever	27	24.1
Q137AC	Medicine for allergies	5	4.5
Q138YNC	Two or more infections past year	16	14.3
Q139YNC	History Lyme Disease dx	0	0
Q140YNC	Fatigue	56	50.0
Q141YNC	History thyroid problems	2	1.8
Q141AC	Thyroid meds	0	0
Q141BC	Meds with you	0	0
Q142_AK	Problems chewing	6	5.4
Q142_BK	Tooth pain	36	32.1
Q142_CK	Bleeding gums	16	14.3
Q142_DK	What patches in mouth	2	1.8
Q142_EK	None	64	57.1
Q142SKPK	Skip dental questions	4	3.6
Q143YNC	Asthma or breathing problems	28	25.0
Q143AC	Emergency room for asthma	4	3.6
Q143BC	Med compliant for asthma	6	5.4
Q144YNC	Coughed blood past month	5	4.5
Q145YNC	High blood pressure	7	6.3
Q146YNC	Weakness, tingling, numbness	25	22.3
Q147YNC	Trouble sleeping when tired	43	38.4
Q148_1K	Diarrhea	4	3.6

DRAFT: FOR DISCUSSION PURPOSES

Q148\_2K Constipation 10 8.9  
 APPENDIX II: FREQUENCY OF RESPONSES TO GHS ITEMS (N=112)

Item Number	Item Name	N	%
Q148_3K	Nausea, vomiting	12	10.7
Q148_4K	Heartburn	11	9.8
Q148_5K	Other stomach problem	10	8.9
Q148_6K	None	76	67.9
Q148SKPK	Skip	4	3.6
Q149YNC	Bleeding or bruising easily	29	25.9
Q150YNC	Sickle cell disease	0	0
Q151YNC	Low blood or anemia	6	5.4
Q152YNC	Any cancer	1	1
Q153YNC	Hospital overnight	36	32.1
Q154YNC	Speical diet	15	13.4
Q155YNC	Lost 5 pounds last 3 months	42	37.5
Q155A1K	Was dieting	12	10.7
Q155A2K	Was exercising	20	17.9
Q155A3K	Not enough to eat	7	6.3
Q155A4K	Loss of appetite	24	21.4
Q155A5K	Too upset to eat	11	9.8
Q155A6K	Do not know	6	5.4
Q155A7K	Some other reason	15	13.4
Q155SKPK	Skip	2	1.8
Q156YNC	Hospitalized for eating problem	4	3.6
Q157YNC	Ever throw up on purpose	8	7.1
Q159YNC	Tattoos or piercing	69	61.6
Q160YNC	Braces on teeth	3	2.7
Q161YNC	Dentist past year	53	47.3
Q162YNC	Teeth effect your appearance	15	13.4
Q164YNC	At least one close friend	98	87.5
Q165YNC	One adult who cares about you	104	92.9
Q166YNC	History foster care	30	26.8
Q167YNC	Someone to pick you up from detention	101	90.2
Q168YNC	Safe place to live outside detention	101	90.2
Q169_1K	History anxiety	26	23.2
Q169_2K	History arguing, fighting	45	41.1
Q169_3K	History behavior problems	46	41.1
Q169_4K	History Bipolar Disorder	15	13.4
Q169_5K	History depression	44	39.3
Q169_6K	History emotional problems	30	26.8
Q169_7K	History learning problems	12	10.7
Q169_8K	History Mental illness	3	7.1
Q169_9K	History psychosis	0	0
Q169_10K	History schizophrenia	2	1.8
Q169_11K	History trauma	7	6.3

DRAFT: FOR DISCUSSION PURPOSES

Q169\_12K History other mental health 5 4.5  
 FREQUENCY OF RESPONSES TO GHS ITEMS (N=112)

Item Number	Item Name	N	%
Q169_13K	No history	24	21.4
Q169SKPK	Mental health skip	10	8.9
Q170YNC	Health insurance	85	75.9
Q171YNC	Vaginal exam past year	47	42.0
Q172YNC	Breast exam past year	31	27.7
Q173YNC	Regular health care provider	72	64.3
Q174_1K	Health care, no money	8	7.1
Q174_2K	Health care, no insurance	11	9.8
Q174_3K	Health care, no transportation	14	12.5
Q174_4K	Health care, no child care	1	1
Q174_5K	Health care at ER only	3	2.7
Q174_6K	Health care, other problem	30	26.8
Q174SKPK	Health care skip	60	53.6
Q175YNC	Health problems past year	10	8.9
Q176YNC	History homelessness	38	33.9
Q177YNC	Live where gangs in neighborhood	51	45.5
Q178YNC	Ever gang involved	25	22.3
Q179YNC	Weapons carrying in neighborhood	34	30.4
Q180YNC	Weapons in your home	18	16.1
Q181YNC	Hx carrying weapon	34	30.4
Q182YNC	Enough to eat at home	99	88.4
Q183YNC	Enough clothes at home	107	95.5
Q184YNC	Shoes at home	109	97.3
Q185YNC	Feminine hygiene at home	106	94.6
Q186YNC	Hx 12-step treatment	37	33.0
Q187YNC	CD tx other than AA or NA	32	28.6
Q187A1K	Alcohol Detox	3	2.7
Q187A2K	Drug Detox	10	8.9
Q187A3K	Alc abuse ed only	5	4.5
Q187A4K	Drug abuse ed only	13	11.6
Q187A5K	Inpatient rehab	9	8.0
Q187A6K	Drug free halfway house	1	1
Q187A7K	Outpatient treatment	7	6.3
Q187A8K	Other	6	5.4
Q187SKPK	Skip	1	1
Q188YNC	Want treatment after release	23	20.5
Q189YNC	Ever suspended or expelled	83	74.1
Q190YNC	Ever dropped out of school	27	24.1
Q191YNC	Special ed for academics or behavior	32	28.6
Q192YNC	Ever retained	29	25.9
Q193YNC	Ever on honor roll	64	57.1
Q194_1K	Positive school	69	61.6

DRAFT: FOR DISCUSSION PURPOSES

Q194\_2K Positive sports 56 50.0  
 APPENDIX II: FREQUENCY OF RESPONSES TO GHS ITEMS (N=112)

Item Number	Item Name	N	%
Q194_3K	Positive hobbies	73	65.2
Q194_4K	Postive friends	91	81.3
Q194_5K	Positive other	67	59.8
Q194_6K	Positive none	4	3.6
Q194SKPK	Postive skip	1	1
Q195YNC	Employment past 12 months	31	27.7