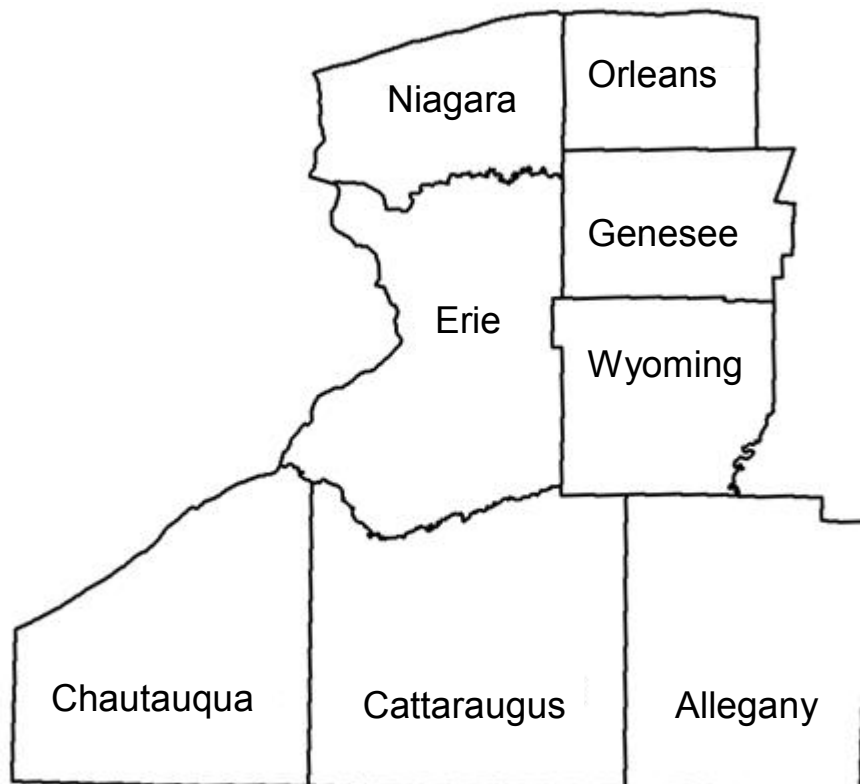


The Western New York Health Risk Assessment (HRA)

Update, 2004-2005

A REPORT ON BEHALF OF THE
WESTERN NEW YORK PUBLIC HEALTH ALLIANCE

PREPARED BY
THE PUBLIC HEALTH OBSERVATORY
AND
THE DEPARTMENT OF FAMILY MEDICINE



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History and Background

In 1992, the Western New York Public Health Coalition (the Coalition), consisting of the Commissioners and Directors of the eight county health departments of Western New York (Allegany, Cattaraugus, Chautauqua, Erie, Genesee, Niagara, Orleans and Wyoming) was formed. One of the goals of the Coalition was to identify the health needs of the region, not just individual counties. With funding from the New York State Health Department and in partnership with SUNY at Buffalo Department of Family Medicine Research Institute, and an array of community partners, a decision was made to identify the health behaviors of regional residents through the development and implementation of a regional adult behavioral health risk assessment. Using a rigorous strategic planning process, concerns of the general population were incorporated into the development of the regional survey. The Coalition contracted with the Department of Family Medicine Research Institute to develop the risk assessment tool and conduct the survey. In 1998-99 the survey was conducted, analyzed. A report was issued that was used widely across the region.

In 2004-05, Health for All, on behalf of the Western New York Public Health Alliance (formerly the Coalition) and with funding from the Health Services Resources Administration and the Community Health Foundation of Western and Central New York, Inc. re-commissioned the survey. Under sub-contract to the SUNY at Buffalo Department of Family Medicine Research Institute and the School of Public Health and Health Professions the earlier survey was reviewed, appropriate changes made, and the new survey conducted and analyzed.

The HRA survey was conducted from October, 2004 to March, 2005. A random digit dialing methodology was employed to contact eligible households. County samples were stratified by geographical areas (urban, suburban, and rural) in order to ensure representativeness. See Technical Notes for details on methodology and analysis.

In addition to the eight counties, data was collected in 5 supplemental areas: West Side of Buffalo (ZIP codes 14201, 14213), East Side of Buffalo (ZIP codes 14204, 14208, 14211, 14215), City of Niagara Falls (ZIP codes 14301, 14303, 14305), Dunkirk (ZIP code 14048), and Jamestown (ZIP code 14701) using the same methodology. These supplemental samples were not included in the WNY total prevalence estimates.

34,466 separate phone numbers were called to identify 6,388 eligible households. A majority of the numbers attempted (52%) were not in service or were disconnected; another 7% were businesses and 5.5% of the numbers attempted belonged to households in neighboring counties. Of those that were eligible, 3,163 households comprising 5,556 adult individuals (18 years of age and older) completed an HRA survey.

The data collected in the two surveys allow trends to be observed over time. This data can be used to track the health status of the WNY, plan appropriate interventions targeting high risk populations, and advocate for policy to address the concerns of the community. Measures of regional behavioral change over time will be used in future work to provide evidence-based recommendations for change in regional health policy and services.

Some of the key findings for WNY include:

- 5% of WNY adults are without a regular source of health care. 11% of adults living in the West Side of Buffalo reported not having a usual source of care. This compares to 16% for the nation. The national goal is set at 4%.
- 6% of WNY adults are uninsured. This compares to 13% for the nation as a whole. 37% of the uninsured are current cigarette smokers.
- The WNY prevalence of regular cigarette smokers (24%) is higher than the national prevalence (21%). The national goal is set at 12%.
- 24% of WNY adults are obese. This figure is similar to the national prevalence rate (22%). The national goal is set at 15%.
- 9% of WNY adults reported having diabetes compared to 7% nationally. Adults living on the East Side of Buffalo reported a 17% prevalence rate. The Healthy People 2010 goal is 2.5%.
- 33% of heart disease patients and 13% of diabetics living in WNY have at least three additional risk factors, which significantly increases the likelihood of developing preventable diseases.

Summary of Key Findings

This section presents key findings of the study, in subsections with the following headings: 1) Access to a Regular Source of Care; 2) Health Picture of the Uninsured; 3) Health Risk Behavior; 4) Disease Prevalence; and 5) Secondary Prevention and Multiple Health Risk Factors. The first four subsections contain national comparisons and presentations of results by age and gender groups, by county (general sample), and by supplemental area (supplemental sample).

All percentages reported for the WNY region, as a whole, were calculated as weighted averages of county specific percentages, with weights determined from the 2000 US Census of WNY. These weighted percentages estimate the corresponding true percentage in the region. Percentages that are reported specific to counties are standardized percentages, based on the standard population of WNY in 2000, as determined by the 2000 US Census. These standardized percentages estimate the percentages that would have been observed in the counties, if the counties all had the same age and gender mix as the standard population. Standardized percentages can be used to compare counties, adjusting for different age or gender mix.

The most recent national figures are used for comparison purposes. These figures may differ from the NHIS figures listed in the Tabular Package. Targets from the current Healthy People 2010 will be used throughout as a means to establish a set of goals to meet in Western New York.

Unless otherwise noted, all HRA data are for adults 18 years of age or older.

Western New York is abbreviated WNY throughout the executive summary.

Access to a Regular Source of Care

To improve health, an individual must practice preventive medicine, be diagnosed early, and treated appropriately. For this to happen, the individual needs access to regular care, i.e., a regular location where one can receive non-emergency medical care, sound health care advice, and where continuity of care is maintained.

The HRA survey found that 5% of the WNY population does not have a regular source of care. Compared to the national benchmark of 15%, WNY is close to meeting the Healthy People 2010 goal of reducing the number of adults with no regular source of care to 4%. (See Figure 1).

Figure 1. Percent of Adults with No Regular Source of Care

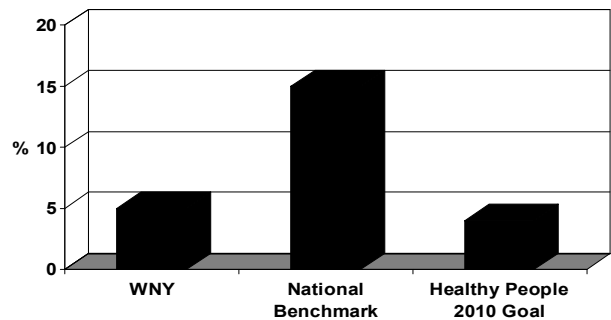
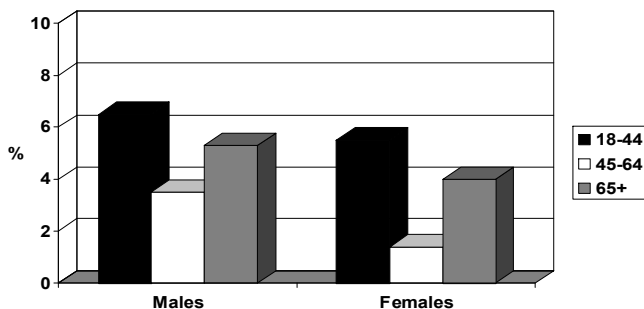


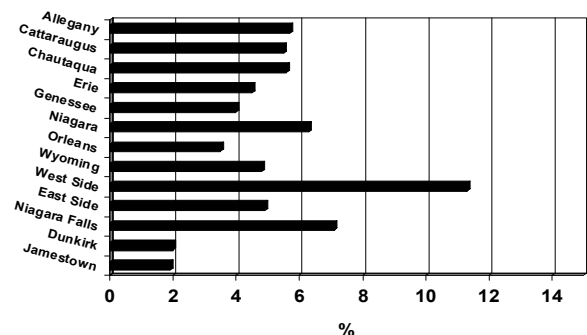
Figure 2. Percent of Adults with No Regular Source of Care by Age and Gender



As expected, this picture varies by age group. In WNY the 18-44 age groups have the highest rates of individuals without regular access to care. Women are about as likely as men to have no regular source of care. (See Figure 2).

Access to regular source of healthcare varies among the 8 counties of WNY. However, within the supplemental sampling areas, which represent the more urban areas of the WNY region, there is considerably more variation than at the county level. The largest of these variations is in Erie County's Lower West Side of Buffalo sector with 11.3 % reporting no regular source of care. (See Figure 3).

Figure 3. Percent of Adults with No Regular Source of Care by County and Supplemental Area



Health Picture of the Uninsured

Healthcare insurance helps pay for the cost of receiving continuous care and advocates for the practice of both primary and secondary prevention of disease.

In WNY, 6.1% are uninsured. WNY has a considerably lower prevalence of uninsured than the NHIS benchmark of 19.4%. However, the Healthy People 2010 goal of reducing the uninsured population to 0% remains to be accomplished. (See Figure 4).

Figure 4. Percent of Adults that are Uninsured

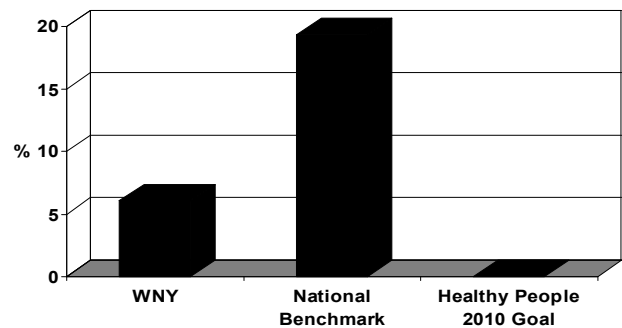
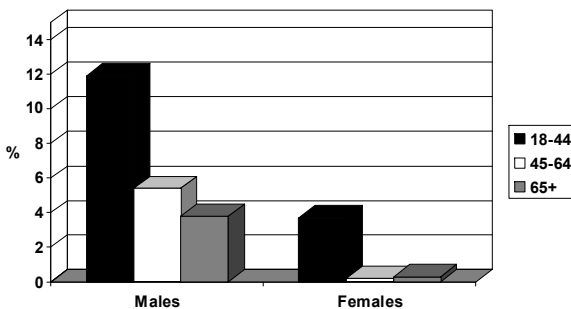


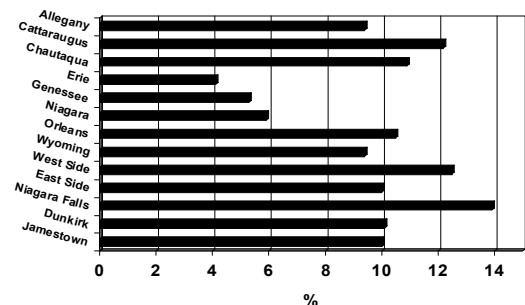
Figure 5. Percent of Adults that are Uninsured by Age and Gender



The largest proportions of uninsured in WNY are individuals 18 to 44 years of age. In all age groups, males are more likely to be uninsured than females. (See Figure 5).

The rates of uninsured vary substantially across counties and within counties. While Genesee, Erie and Niagara counties as a whole have lower prevalence of persons with no health insurance than the other counties, sectors within these counties such as the Lower West Side and East Side of Erie county, and the City of Niagara Falls in Niagara county have twice the uninsured prevalence of their respective county. These results suggest that a high percentage of those uninsured are minorities. (See Figure 6).

Figure 6. Percent of Adults that are Uninsured by County and Supplemental Area



Health Picture of the Uninsured (Cont.)

There are unusually high levels of risk behaviors among the uninsured. One of these risk behaviors is the level of smoking. In WNY, 37% of the uninsured are regular cigarette smokers compared to the 23% of the insured population who smoke. (See Figure 7).

Figure 7. Percent of Current Cigarette Smokers by Insurance Status

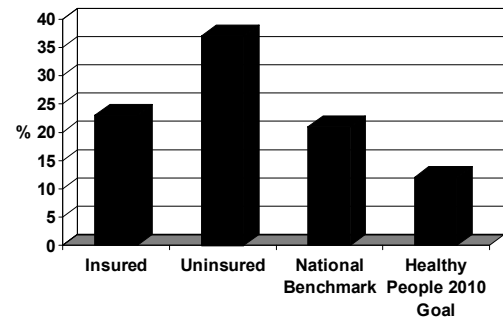
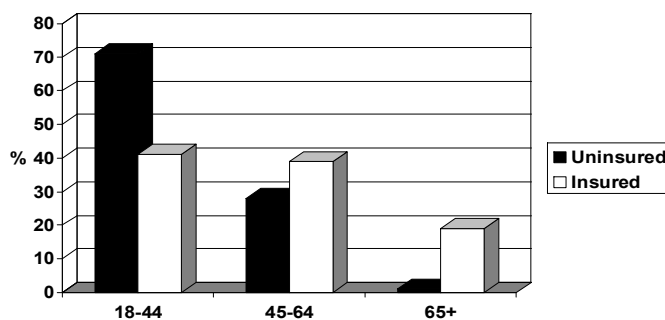


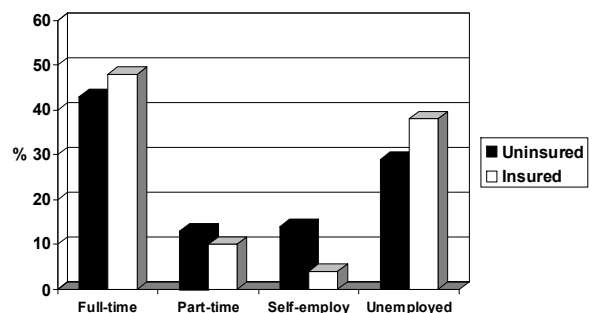
Figure 8. Insurance Status by Age Group



71% of the uninsured population in WNY is adults between the ages of 18-44 years. This varies considerably compared to the 40% of the population that are insured. The insured population is more evenly distributed across age groups (41% for 18-44; 39% for 45-64; and 19% for 65+) than the uninsured population (71%; 28%; and 1%). This may be partially explained by the fact that elderly population, those age 65 and over have access to Medicare insurance. (See Figure 8).

Figure 9 shows that 62% of uninsured adults in WNY are employed (48% FT; 10% PT; 4% self employed), indicating that any solution to the uninsured problem will need to address these working uninsured.

Figure 9. Employment Status by Insurance Status



Health Risk Behavior

Three important avoidable health risk behaviors are smoking, being overweight or obese, and physical inactivity (smoking and obesity are discussed below). The reduction of these health risk behaviors is important in the primary and secondary prevention of diseases such as heart disease and other heart conditions, diabetes, hypertension, and cancer.

Cigarette Smoking

Regular cigarette smoking has been linked to increased levels of heart disease, lung cancer, and other respiratory conditions. Cigarette smoking is the leading cause of preventable morbidity and mortality in the United States. WNY has a slightly higher prevalence of regular cigarette smokers than the national average (24% and 21%, respectively). The WNY prevalence rate is double the Healthy People 2010 goal of 12%. (See Figure 10).

Figure 10. Percent of Adults Who Currently Smoke Cigarettes

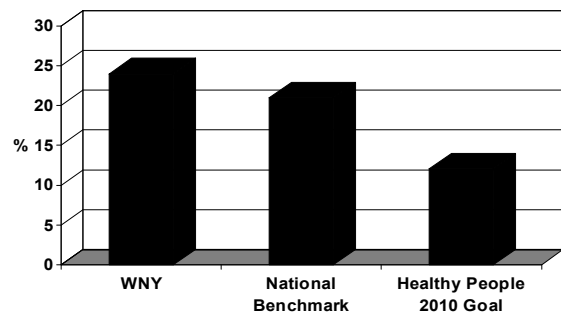
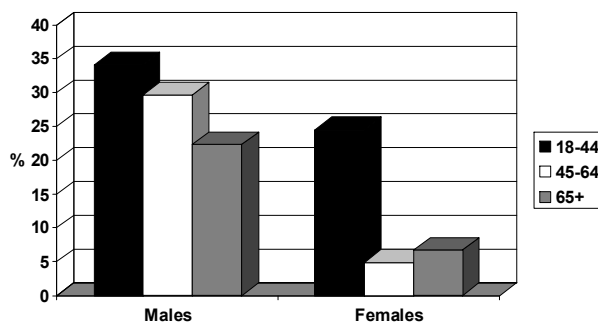
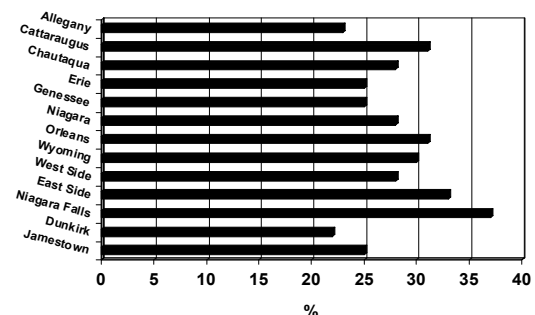


Figure 11. Percent of Adults that are Current Cigarette Smokers by Age and Gender



The prevalence of regular smokers varies by sex and age. Among the male population in WNY, individuals 65 years of age or older have the lowest prevalence (22 %) and 18 to 44 year olds have the highest prevalence (34%). Males and females between the ages of 45 and 64 have very different prevalence rates of regular smoking. Males from all age categories have higher regular smoking rates than females. Females 45 to 64 years of age have the lowest prevalence (4.9%). (See Figure 11).

Figure 12. Percent of Adults that are Current Cigarette Smokers by County and Supplemental Area



The prevalence of regular cigarette smokers in WNY is similar across geographic areas (see Figure 12). Smoking prevalence rates are higher in the supplemental areas. These data suggest that smoking reduction efforts must target all geographic areas in WNY.

Health Risk Factors (Cont.)

Obesity

The obesity prevalence rates of both WNY (24%) and the United States as a whole (22%) exceed the health People 2010 goal of 15%. (See Figure 13).

Figure 13. Percentage of Adults who are Obese Obesity (BMI \geq 30)

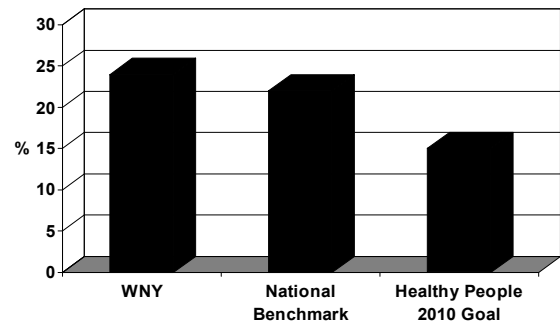
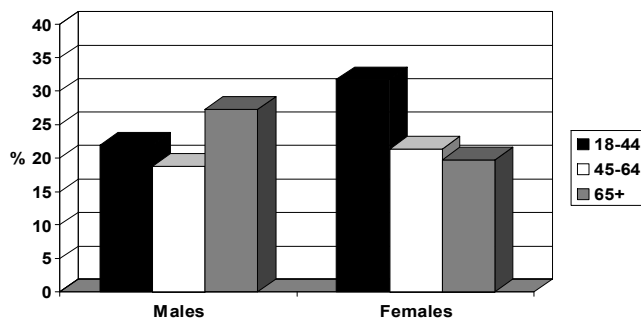


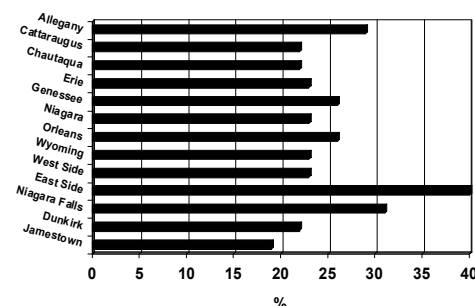
Figure 14. Percent of Adults that are Obese (BMI \geq 30) by Age and Gender



As Figure 14 shows, the prevalence of obesity varies according to gender and age groups. WNY females 18 to 44 have the highest obesity prevalence of the age and sex groups (31.7%). The highest prevalence of obesity found in men is in the 65+ age category (27.3%). These data show that the obesity problem in WNY is shared by all age groups.

The prevalence rates of obesity among the 8 counties are relatively similar throughout, all within the 22%-29% range. The supplemental areas showed markedly high obesity prevalence, particularly in areas such as Erie's East Side of Buffalo (44%) and the city of Niagara Falls (31%). (See Figure 15).

Figure 15. Percent of Adults that are Obese (BMI \geq 30) by County and Supplemental Area



Disease Prevalence

Primary prevention methods are activities that promote optimum health and provide protection against the onset of illness. Secondary prevention refers to early detection and treatment of disease. Both are important to the health of the community. Appropriate knowledge, good preventive medicine practices, and early diagnosis are the keys to avoidance of disease and good management of illness.

Diabetes

Figure 16 illustrates that the prevalence found in WNY (9%) is higher than the national benchmark of (7%). Both are considerably higher than the Healthy People 2010 goal of less than 2.5%

Figure 16. Percentage of Adults who Reported Having a Doctor's Diagnosis of Diabetes

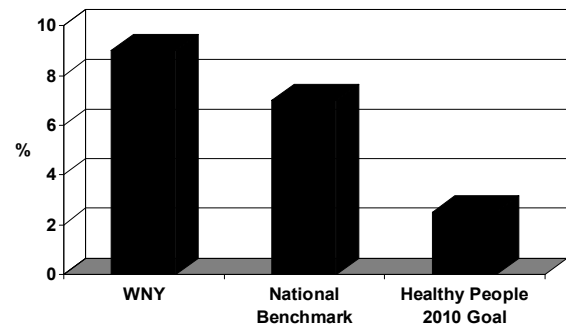
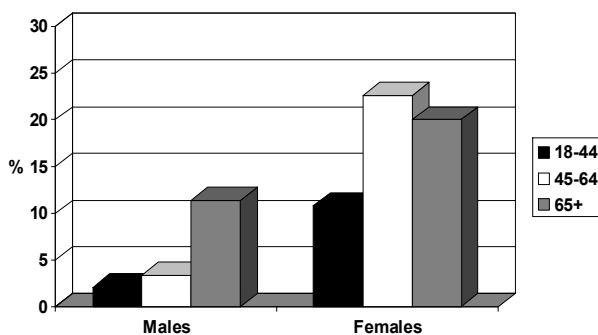
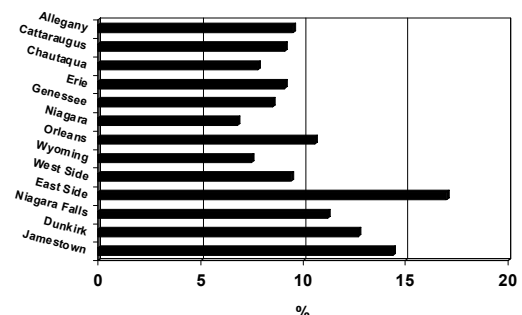


Figure 17. Percent of Adults who Reported Having a Doctor's Diagnosis of Diabetes by Age and Gender



As Figure 17 shows, WNY females between the ages of 45 to 64 have the highest prevalence rates of diabetes in WNY (22.6%). This rate is substantially above the national benchmark of 6%. WNY males 18-64 have the lowest prevalence rates of diabetes and are near the Healthy People 2010 goal.

Figure 18. Percentage of Adults who Reported Having a Doctor's Diagnosis of Diabetes County and Supplemental Area



As seen in Figure 18, diabetes prevalence rates vary across the eight counties of WNY. Prevalence of diabetes across the counties ranges between 6.8-10.6%. The supplemental samples show more variation, and higher prevalence rates than that of the 8 county sample areas. Erie's East Side of Buffalo has the highest rates of diabetes (17%).

Disease Prevalence (Cont.)

High Cholesterol

The rate of reported high cholesterol in WNY (23%) is higher than the Healthy People 2010 goal of 17%, but below the National Benchmark of 30%. (See Figure 19).

Figure 19. Percentage of Adults who Reported Having a Doctor's Diagnosis of High Cholesterol

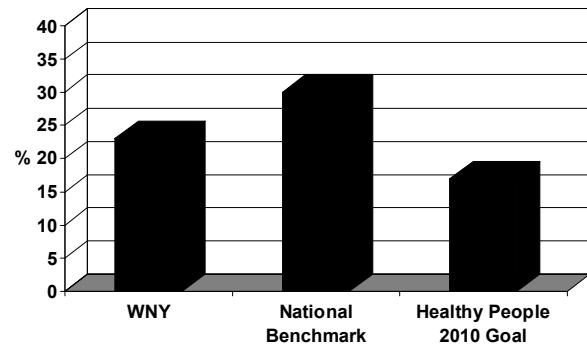
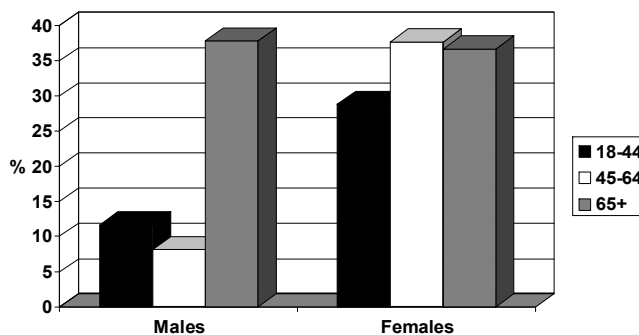


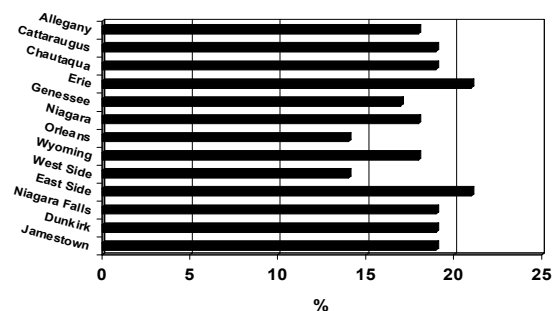
Figure 20. Percent of Adults who Reported Having a Doctor's Diagnosis of High Cholesterol by Age and Gender



As seen in Figure 20, there is significant variation in the prevalence of reported high cholesterol among males in all three age categories. Males over 65 years old report a substantially higher prevalence of high cholesterol (37.8%). Males 45 to 64 have the lowest prevalence rates of reported high cholesterol with 8.1%, and all are under the Healthy People 2010 goal. Females are all above the Healthy People 2010 goal but demonstrate smaller variances among age groups. The self-reported low prevalence of high cholesterol in males 18-64 may reflect a lack of awareness on the part of this age group.

There appears to be only modest variation in the prevalence of high cholesterol across geographic areas in Western New York. The eight county sample and most of the supplemental sampling areas experience similar high cholesterol patterns. This suggests that the WNY may require a concentrated effort in order to decrease current high rates of high cholesterol. (See Figure 21).

Figure 21. Percentage of Adults who Reported Having a Doctor's Diagnosis of High Cholesterol by County and Supplemental Area



Secondary Prevention and Multiple Risk Factors

A risk factor is a personal behavior or medical condition that increases the likelihood of developing more serious medical conditions. Risk factor examples include smoking, being overweight and physical inactivity. The presence of multiple risk factors substantially increases the risk of developing more serious medical conditions.

Heart Condition

Figure 22 shows that 73% of adults diagnosed with a heart condition in WNY are also overweight and Figure 23 shows that 15 % of adults diagnosed with a heart condition in WNY are current smokers.

Figure 22. Percentage of Adults Diagnosed with a Heart Condition Who are Overweight (BMI ≥ 25)

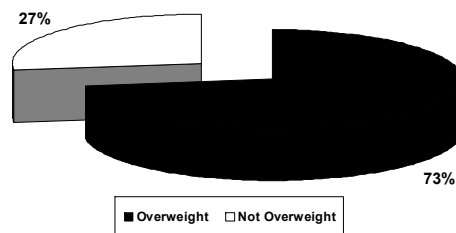


Figure 23. Percentage of Adults Diagnosed with a Heart Condition Who Currently Smoke

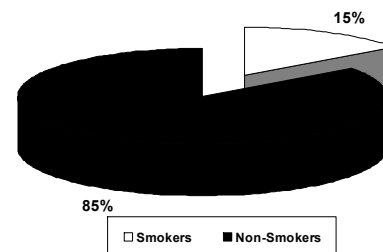
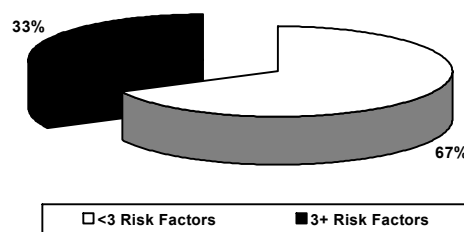
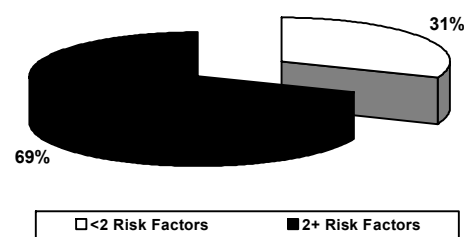
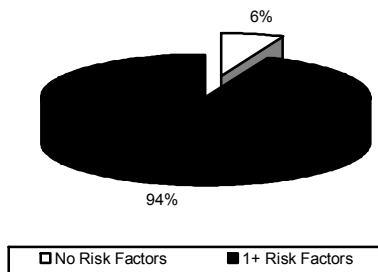


Figure 24 illustrates the number of adults in WNY with a heart condition who have at least one to greater than three risk factors. Of those with a diagnosed heart condition 94% have at least one risk factor, 69% have 2 or greater risk factors and 33% have three or more risk factors.

Figure 24. Percentage of Adults Diagnosed with a Heart Condition Who Have at Least One, Two, or Three Health Risk Factors



Diabetes

A similar pattern appears when we look at Diabetes. In Figure 31, note that 84% of those diagnosed with diabetes are also overweight.

Figure 25. Percentage of Adults Diagnosed with Diabetes Who are Overweight (BMI ≥ 25)

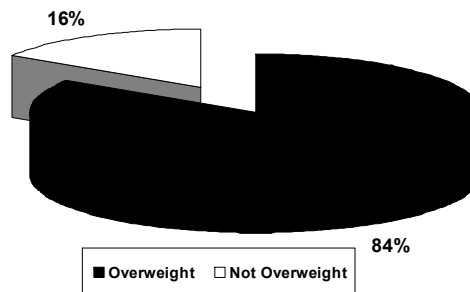
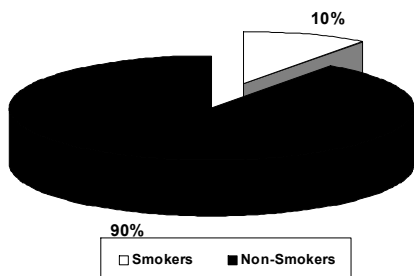


Figure 26. Percentage of Adults Diagnosed with Diabetes Who Currently Smoke



In Figure 26, of those diagnosed with Diabetes, 10% are also current smokers.

Looking at risk behaviors patterns for the WNY diabetic population (Figure 33), 89% have at least one risk factor, 38% have 2 or more risk factors and 13% have 3 or more risk factors.

Figure 27. Percentage of Adults Diagnosed with Diabetes Who Have At Least One, Two, or Three Health Risk Factors

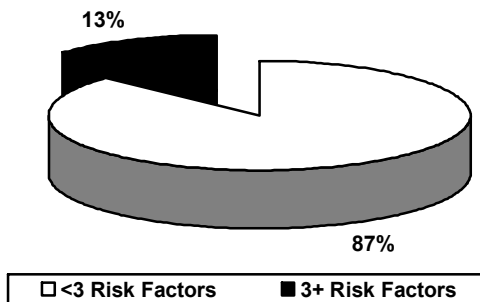
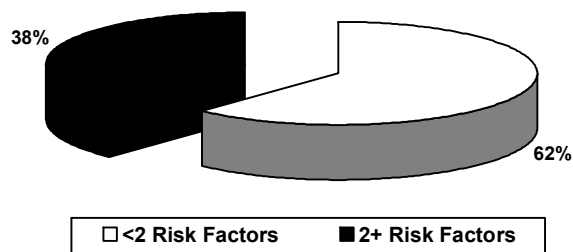
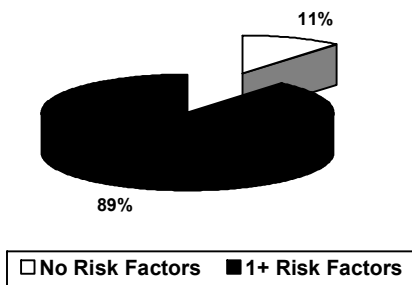


Table 1A – Western New York HRA Estimates Compared to Healthy People 2010 Goals and National Benchmarks**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

Description	National Goal	National Benchmark	WNY Region Total	Allegany County	Cattaraugus County	Chautauqua County	Erie County	Genesee County	Niagara County	Orleans County	Wyoming County
<u>Access: No Reg Source of Care</u>											
% w/ no reg source of care	4%	15%	4.9%	5.7%	5.5%	5.6%	4.5%	3.9%	6.3%	3.5%	4.8%
% Uninsured w/ no reg source	4%	26%	19.2%	16.0%	7.4%	13.0%	21.1%	20.8%	31.5%	13.5%	15.2%
% Inc <\$10K w/ no reg source	4%	21%	1.8%	0.0%	1.6%	3.9%	0.0%	0.0%	9.2%	8.7%	6.8%
% Medicaid w/ no reg source	4%	10%	5.9%	7.7%	0.0%	4.6%	6.7%	0.0%	5.6%	7.0%	5.0%
% Medicare w/ no reg source	4%	5%	2.7%	4.6%	0.0%	4.0%	2.9%	1.7%	5.1%	1.5%	0.0%
<u>Access: Insurance Status</u>											
% uninsured	0%	14.4%	5.0%	9.4%	12.2%	10.8%	4.1%	5.3%	5.9%	10.5%	9.4%
% of adults under 65 uninsured	0%	26.0%	6.1%	10.5%	13.6%	12.0%	4.6%	5.9%	6.7%	11.5%	10.5%
% of employed FT who are uninsured	0%	13.7%	4.6%	8.4%	9.9%	8.7%	3.3%	5.2%	7.3%	9.4%	7.6%
% Income <\$10K who are employed & uninsured	0%	18.2%	2.7%	6.2%	5.5%	2.0%	0.0%	8.5%	10.3%	5.1%	6.8%
<u>Disease Prevalence: Chronic Conditions</u>											
% w/ MD diagnosed diabetes or high sugar	2.5%	6.6%	8.7%	8.2%	6.6%	6.1%	7.3%	6.4%	5.2%	8.3%	6.0%
% w/ MD diagnosed high cholesterol	17%	17.0%	22.9%	17.4%	18.4%	19.3%	20.3%	16.6%	17.3%	14.1%	18.1%
% w/ MD diagnosed high blood pressure	16%	11.5%	26.5%	18.5%	19.9%	20.5%	21.0%	17.4%	20.4%	19.4%	19.4%
% w/ MD diagnosed arthritis	21%	22.0%	20.8%	15.7%	17.5%	18.8%	16.2%	14.5%	16.6%	14.8%	13.6%
<u>Preventive Care: Flu Shots</u>											
% age 65+ w/ flu shot within last year	90%	64.7%	71.3%	76.1%	67.2%	63.1%	74.0%	73.3%	68.3%	74.1%	62.2%
<u>Preventive Care: Pap Smear</u>											
% Female who have ever had PAP smear	97%	87.4%	97.7%	95.9%	96.8%	98.1%	97.3%	96.4%	98.4%	96.3%	97.1%
% Fem who have had PAP within last 3 yrs	90%	77.9%	86.8%	82.4%	86.5%	88.6%	89.2%	87.1%	88.2%	86.7%	85.6%
<u>Preventive Care: Mammogram</u>											
% Fem 40+ who have had mammograms w/in 2 yr	70%	72.1%	78.9%	72.0%	66.7%	77.5%	81.5%	75.1%	78.0%	75.5%	78.9%
<u>Health Risk Behavior: Tobacco Use</u>											
% who are regular smokers	12%	21.5	23.6%	23.2%	30.7%	27.6%	25.3%	25.0%	28.1%	31.4%	30.4%
% uninsured who are regular smokers	12%	24.7	37.3%	30.8%	34.4%	36.5%	29.7%	43.1%	56.6%	52.0%	60.4%
% Income <\$10K who are regular smokers	12%	22.4	33.3%	42.3%	39.4%	41.4%	31.1%	23.7%	47.4%	39.2%	34.4%

Table 1A – Western New York HRA Estimates Compared to Healthy People 2010 Goals and National Benchmarks**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

Description	National Goal	National Benchmark	WNY Region Total	Allegany County	Cattaraugus County	Chautauqua County	Erie County	Genesee County	Niagara County	Orleans County	Wyoming County
Health Risk Behavior: Weight Control											
% who are healthy weight	60%	33.5%	36.9%	34.0%	37.1%	41.0%	38.8%	35.0%	39.7%	36.4%	39.4%
% uninsured who are healthy weight	60%	28.2%	44.1%	37.4%	39.1%	41.9%	50.2%	24.1%	38.4%	61.8%	46.9%
% Inc <\$10K who are healthy weight	60%	38.2%	35.2%	33.7%	37.6%	32.2%	34.6%	41.7%	37.2%	30.6%	35.5%
% who are obese	15%	30.5%	23.7%	28.8%	22.0%	22.3%	22.8%	25.5%	23.4%	26.1%	22.6%
% uninsured who are obese	15%	26.7%	25.8%	27.1%	20.6%	28.2%	30.3%	39.6%	24.1%	13.2%	9.3%
% Inc <\$10K who are obese	15%	22.0%	38.9%	47.6%	32.6%	37.1%	39.7%	40.7%	26.1%	29.8%	41.1%
Secondary Prevention Targets: Patients with Heart Conditions											
% Heart Disease indiv who smoke	12%	20.3%	15.9%	11.9%	28.2%	47.0%	13.8%	16.6%	27.0%	20.6%	31.1%
% Heart Dx w/ MD diagnosed diabetes	2.5%	25.3%	22.2%	32.4%	30.0%	22.1%	18.7%	38.9%	19.5%	30.7%	19.2%
Secondary Prevention Targets: Patients with Diabetes											
% diabetics who smoke	12%	19.9%	10.0%	23.5%	18.8%	14.7%	8.3%	15.3%	12.7%	27.0%	18.8%

Table 1B – Supplemental Sample HRA Estimates Compared to Healthy People 2010 and National Benchmarks

Sponsored by the WNY Public Health Alliance and Health for All

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

Description	National Goal	National Benchmark	WNY Region Total	Supplemental Samples				
				Erie West Side	Erie East Side	Niagara Falls	Dunkirk	Jamestown
<u>Access: No Reg Source of Care</u>								
% w/ no reg source of care	4%	15%	4.9%	11.3%	4.9%	7.1%	2.0%	1.9%
% Uninsured w/ no reg source	4%	26%	19.2%	56.4%	14.4%	26.1%	12.2%	3.9%
% Income <\$10K w/ no reg source	4%	21%	1.8%	8.5%	0.0%	10.0%	0.0%	0.0%
% Medicaid w/ no reg source	4%	10%	5.9%	0.0%	3.4%	15.7%	0.0%	0.0%
% Medicare w/ no reg source	4%	5%	2.7%	0.0%	0.0%	2.8%	0.0%	0.0%
<u>Access: Insurance Status</u>								
% uninsured	0%	14.4%	5.0%	12.5%	10.0%	13.9%	10.1%	10.0%
% of adults under 65 uninsured	0%	26.0%	6.1%	14.0%	12.6%	15.3%	11.8%	12.3%
% of employed FT who are uninsured	0%	13.7%	4.6%	15.3%	10.4%	15.7%	10.0%	10.3%
% Inc <\$10K who are employed & uninsured	0%	18.2%	7.7%	10.6%	10.2%	10.4%	5.5%	5.5%
<u>Disease Prevalence</u>								
% w/ MD diagnosed diabetes or high sugar	2.5%	6.6%	8.7%	7.0%	12.7%	9.1%	9.7%	11.1%
% w/ MD diagnosed high blood pressure	16%	11.5%	26.5%	13.6%	33.1%	20.9%	17.4%	20.6%
% w/ MD diagnosed high cholesterol	17%	17.0%	22.9%	13.4%	21.0%	18.0%	18.6%	18.9%
% w/ MD diagnosed arthritis	21%	22.0%	20.8%	14.3%	18.7%	22.8%	15.6%	17.2%
<u>Preventive Care: Flu Shots</u>								
% age 65+ w/ flu shot within last year	90%	64.7%	71.3%	68.0%	51.8%	43.9%	49.7%	55.1%
<u>Preventive Care: Pap Smear</u>								
% Female who have ever had PAP smear	97%	87.4%	97.7%	93.4%	96.0%	98.2%	97.4%	96.9%
% Fem who have had PAP within last 3 yrs	90%	77.9%	86.8%	76.2%	72.7%	81.4%	83.1%	82.3%
<u>Preventive Care: Mammogram</u>								
% Fem 40+ had mammogram w/in yr	70%	72.1%	67.2%	55.1%	55.9%	50.0%	60.2%	54.7%

Table 1B – Supplemental Sample HRA Estimates Compared to Healthy People 2010 and National Benchmarks								
Sponsored by the WNY Public Health Alliance and Health for All								
Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services								
Description	National Goal	National Benchmark	WNY Region Total	Supplemental Samples				
				Erie West Side	Erie East Side	Niagara Falls	Dunkirk	Jamestown
<u>Health Risk Behavior: Tobacco Use</u>								
% who are regular smokers	12%	21.5%	29.9%	27.8%	32.8%	37.2%	22.2%	24.8%
% uninsured who are regular smokers	12%	24.7%	51.2%	44.5%	47.6%	55.4%	24.3%	50.5%
% Income <\$10K who are regular smokers	12%	22.4%	42.4%	18.4%	50.2%	42.1%	45.8%	58.1%
<u>Health Risk Behavior: Weight Control</u>								
% who are healthy weight	60%	33.5%	36.9%	42.5%	26.5%	32.7%	38.8%	39.4%
% uninsured who are healthy weight	60%	28.2%	45.5%	41.2%	5.7%	38.6%	26.6%	38.4%
% Inc <\$10K who are healthy weight	60%	38.2%	39.1%	42.4%	25.7%	39.9%	28.6%	43.2%
% who are obese	15%	30.5%	23.7%	22.6%	43.6%	30.9%	22.1%	19.2%
% uninsured who are obese	15%	26.7%	15.2%	20.1%	47.5%	32.6%	33.8%	19.7%
% Income <\$10K who are obese	15%	22.0%	23.3%	19.4%	42.0%	41.5%	31.8%	34.0%
<u>Secondary Prevention Targets: Patients with Heart Conditions</u>								
% Heart Disease indiv who smoke	12%	20.3%	14.6%	57.0%	55.4%	37.1%	19.0%	14.3%
% Heart Dx w/ MD Dx diabetes	2.5%	25.3%	22.6%	51.5%	31.8%	24.0%	52.0%	54.2%
<u>Secondary Prevention Targets : Diabetes</u>								
% diabetics who smoke	12%	19.9%	9.6%	20.8%	12.1%	19.1%	25.9%	12.2%

Table 2A – Western New York HRA Estimates by Age and Gender**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

Description		WNY Region Total	Allegany County	Cattaraugus County	Chautauqua County	Erie County	Genesee County	Niagara County	Orleans County	Wyoming County
Access to Care										
% w/ source of regular care	Male	94.8%	94.1%	94.7%	93.3%	95.5%	95.6%	92.7%	96.0%	95.3%
National Benchmark: 83.0%	M 18-44	93.6%	93.2%	92.7%	91.5%	95.0%	91.7%	90.1%	94.4%	93.9%
	M 45-64	94.7%	93.3%	95.4%	93.8%	94.4%	98.1%	95.0%	97.8%	95.0%
	M 65+	98.6%	97.9%	98.0%	96.2%	100.0%	100.0%	94.9%	97.3%	100.0%
	Female	95.5%	95.1%	95.3%	95.9%	95.2%	97.6%	95.3%	97.5%	95.6%
	F 18-44	96.1%	94.6%	94.1%	95.7%	96.7%	96.8%	95.0%	96.6%	94.2%
	F 45-64	94.4%	95.6%	95.5%	94.7%	93.8%	99.1%	94.1%	98.1%	96.0%
	F 65+	96.0%	95.2%	98.1%	98.4%	94.7%	96.7%	98.3%	98.3%	98.3%
	Total	95.2%	95.2%	95.2%	95.2%	95.2%	95.2%	95.2%	95.2%	95.2%
% w/ no reg source of care	Male	5.2%	6.0%	5.3%	6.7%	4.5%	4.4%	7.3%	4.0%	4.7%
National Goal: 4.0%	M 18-44	6.4%	6.8%	7.3%	8.6%	5.1%	8.3%	9.9%	5.6%	6.1%
	M 45-64	5.3%	6.7%	4.6%	6.2%	5.6%	1.9%	5.0%	2.2%	5.1%
	M 65+	1.4%	2.1%	2.0%	3.8%	0.0%	0.0%	5.1%	2.7%	0.0%
	Female	4.6%	4.9%	4.7%	4.1%	4.8%	2.4%	4.7%	2.6%	4.4%
	F 18-44	3.9%	5.4%	5.9%	4.3%	3.3%	3.2%	5.0%	3.4%	5.8%
	F 45-64	5.6%	4.4%	4.5%	5.3%	6.2%	0.9%	5.9%	1.9%	4.0%
	F 65+	4.0%	4.8%	1.9%	1.6%	5.3%	3.3%	1.7%	1.7%	1.7%
	Total	4.9%	5.7%	5.5%	5.6%	4.5%	3.9%	6.3%	3.5%	4.8%
% regular user of hospital ER	Male	2.9%	5.2%	2.6%	1.2%	3.3%	1.2%	2.5%	4.2%	2.9%
National Benchmark: 1.2%	M 18-44	2.3%	6.5%	4.0%	1.9%	2.2%	1.8%	1.1%	4.3%	3.7%
	M 45-64	3.8%	5.2%	2.4%	1.1%	4.8%	1.0%	2.6%	4.6%	3.2%
	M 65+	2.4%	2.2%	0.0%	0.0%	2.9%	0.0%	5.4%	2.8%	0.0%

Table 2A – Western New York HRA Estimates by Age and Gender**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

Description		WNY Region Total	Allegany County	Cattaraugus County	Chautauqua County	Erie County	Genesee County	Niagara County	Orleans County	Wyoming County
	Female	2.8%	3.8%	2.5%	1.0%	2.9%	0.6%	4.2%	3.9%	1.4%
	F 18-44	2.5%	4.9%	0.8%	2.3%	2.6%	0.0%	3.5%	2.8%	0.8%
	F 45-64	3.2%	3.7%	5.6%	0.0%	3.8%	0.0%	2.1%	5.8%	3.1%
	F 65+	2.6%	1.7%	0.0%	0.0%	1.9%	3.5%	8.9%	3.5%	0.0%
	Total	2.8%	4.9%	2.6%	1.4%	3.0%	0.8%	3.1%	3.9%	2.2%
% uninsured	Male	6.7%	9.7%	11.7%	12.6%	5.0%	5.3%	5.6%	11.7%	9.5%
National Benchmark: 17.0%	M 18-44	11.8%	15.2%	20.8%	19.1%	9.4%	11.7%	9.2%	21.1%	15.3%
	M 45-64	3.8%	8.0%	7.1%	10.8%	2.3%	0.0%	3.9%	3.4%	7.1%
	M 65+	0.2%	0.0%	0.0%	1.9%	0.0%	0.0%	0.0%	0.0%	0.0%
	Female	3.7%	8.1%	9.2%	6.8%	2.1%	3.1%	4.5%	6.2%	6.9%
	F 18-44	5.3%	7.3%	11.9%	9.0%	3.3%	5.3%	6.1%	9.1%	8.8%
	F 45-64	3.7%	12.5%	10.2%	7.2%	1.8%	1.8%	5.2%	4.7%	8.1%
	F 65+	0.3%	1.6%	0.0%	1.6%	0.0%	0.0%	0.0%	1.7%	0.0%
	Total	5.0%	9.4%	12.2%	10.8%	4.1%	5.3%	5.9%	10.5%	9.4%
<u>Disease Prevalence</u>										
% w/ MD diagnosed diabetes or high sugar	Male	9.6%	8.6%	9.2%	8.2%	10.7%	8.4%	6.9%	10.0%	7.9%
National Goal: 2.5%	M 18-44	1.9%	2.6%	0.9%	3.4%	2.0%	1.6%	0.0%	2.4%	3.5%
	M 45-64	13.2%	9.5%	12.5%	10.3%	14.6%	9.4%	12.5%	14.4%	6.3%
	M 65+	22.2%	21.3%	21.6%	15.1%	25.7%	25.0%	13.5%	24.3%	22.7%
	Female	8.0%	10.5%	9.0%	7.6%	7.9%	8.5%	6.9%	11.2%	7.2%
	F 18-44	3.1%	6.9%	2.9%	2.1%	3.3%	1.9%	1.7%	4.0%	4.4%
	F 45-64	11.1%	10.5%	8.9%	8.0%	12.3%	12.6%	8.1%	13.3%	10.2%
	F 65+	12.7%	18.0%	25.0%	18.8%	8.9%	18.3%	15.5%	25.4%	8.6%
	Total	8.7%	8.2%	6.6%	6.1%	7.3%	6.4%	5.2%	8.3%	6.0%

Table 2A – Western New York HRA Estimates by Age and Gender**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

Description		WNY Region Total	Allegany County	Cattaraugus County	Chautauqua County	Erie County	Genesee County	Niagara County	Orleans County	Wyoming County
% w/ MD diagnosed high blood pressure	Male	27.1%	20.9%	26.6%	29.0%	27.4%	24.6%	27.9%	23.1%	26.9%
National Goal: 16.0%	M 18-44	6.9%	12.8%	10.9%	6.0%	5.9%	5.7%	8.0%	8.1%	9.7%
	M 45-64	37.9%	21.2%	32.2%	42.3%	39.3%	32.7%	40.0%	31.1%	30.2%
	M 65+	56.4%	40.4%	51.0%	55.8%	58.3%	58.1%	53.9%	54.1%	65.1%
	Female	26.1%	25.5%	23.4%	24.3%	27.5%	21.2%	24.1%	27.3%	23.2%
	F 18-44	5.8%	5.3%	7.4%	8.6%	5.0%	6.3%	5.8%	5.4%	7.3%
	F 45-64	34.2%	28.1%	33.3%	29.0%	36.8%	27.7%	30.0%	36.2%	25.5%
	F 65+	54.7%	63.9%	44.2%	50.8%	56.1%	48.3%	51.7%	67.2%	56.9%
	Total	26.5%	18.5%	19.9%	20.5%	21.0%	17.4%	20.4%	19.4%	19.4%
% w/ MD diagnosed high cholesterol	Male	25.4%	21.6%	24.4%	26.7%	26.9%	22.1%	21.9%	17.6%	26.5%
National Goal: 17.0%	M 18-44	11.4%	9.4%	10.0%	12.8%	12.9%	4.9%	8.9%	3.2%	13.2%
	M 45-64	37.0%	25.7%	41.9%	35.1%	39.8%	29.3%	31.7%	28.1%	34.4%
	M 65+	37.0%	42.6%	26.0%	42.3%	35.3%	52.3%	35.9%	40.5%	44.2%
	Female	21.0%	20.2%	21.1%	20.6%	21.4%	21.0%	20.5%	18.4%	18.2%
	F 18-44	7.2%	7.6%	6.6%	10.0%	6.7%	7.6%	6.7%	8.1%	7.3%
	F 45-64	28.7%	25.0%	29.7%	23.7%	30.4%	25.9%	27.7%	18.3%	27.8%
	F 65+	36.6%	39.0%	40.4%	38.7%	35.2%	46.7%	36.2%	44.8%	28.1%
	Total	22.9%	17.4%	18.4%	19.3%	20.3%	16.6%	17.3%	14.1%	18.1%
% w/ MD diagnosed heart condition	Male	10.03%	9.7%	14.5%	9.7%	9.8%	9.2%	9.6%	8.0%	12.2%
National Benchmark: 11.5%	M 18-44	1.13%	4.3%	4.6%	3.4%	0.0%	2.5%	1.0%	2.4%	2.6%
	M 45-64	12.06%	6.7%	15.9%	9.3%	13.5%	6.5%	10.1%	10.0%	10.4%
	M 65+	29.19%	29.8%	33.3%	24.5%	28.6%	34.1%	30.8%	21.6%	40.9%
	Female	9.52%	6.9%	10.3%	7.3%	10.7%	9.4%	6.8%	7.0%	9.9%
	F 18-44	4.67%	0.8%	5.9%	3.6%	5.8%	2.5%	2.5%	0.7%	5.1%

Table 2A – Western New York HRA Estimates by Age and Gender**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

Description		WNY Region Total	Allegany County	Cattaraugus County	Chautauqua County	Erie County	Genesee County	Niagara County	Orleans County	Wyoming County
	F 45-64	9.86%	4.4%	8.9%	7.9%	10.5%	11.7%	10.0%	6.6%	9.2%
	F 65+	19.41%	24.2%	25.0%	14.3%	21.1%	23.3%	10.3%	23.7%	22.4%
	Total	9.7%	6.1%	9.3%	6.7%	8.1%	6.7%	6.0%	5.2%	8.3%
% w/ backpain MD diagnosed	Male	19.8%	19.7%	22.5%	15.4%	19.5%	17.7%	18.2%	20.7%	22.8%
National Benchmark: 22.5%	M 18-44	15.3%	13.9%	21.1%	13.8%	14.0%	10.1%	10.2%	17.9%	16.7%
	M 45-64	24.1%	24.8%	29.6%	13.3%	27.0%	20.8%	23.8%	23.3%	30.2%
	M 65+	21.5%	23.4%	13.7%	23.1%	16.7%	29.6%	25.6%	24.3%	22.7%
	Female	24.3%	26.1%	22.7%	27.1%	24.8%	25.5%	20.1%	22.0%	20.5%
	F 18-44	17.7%	17.5%	17.9%	21.7%	13.8%	20.5%	12.0%	15.5%	18.1%
	F 45-64	27.8%	29.8%	26.1%	27.2%	33.3%	29.5%	23.8%	24.8%	25.3%
	F 65+	31.8%	37.1%	25.0%	36.5%	31.6%	31.7%	29.3%	33.9%	19.0%
	Total	22.2%	23.0%	22.6%	21.6%	22.4%	21.9%	19.1%	21.4%	21.5%
% w/ MD diagnosed asthma	Male	7.0%	4.8%	7.6%	7.1%	7.5%	0.0%	0.0%	0.0%	0.0%
National Benchmark: 9.7%	M 18-44	7.4%	6.0%	9.1%	6.0%	7.9%	0.0%	0.0%	0.0%	0.0%
	M 45-64	8.4%	2.9%	6.8%	8.2%	10.1%	0.0%	0.0%	0.0%	0.0%
	M 65+	2.7%	6.4%	5.9%	7.7%	0.0%	0.0%	0.0%	0.0%	0.0%
	Female	11.7%	9.5%	12.4%	8.2%	13.8%	0.0%	0.0%	0.0%	0.0%
	F 18-44	11.2%	13.0%	12.5%	7.9%	12.5%	0.0%	0.0%	0.0%	0.0%
	F 45-64	15.0%	5.3%	14.4%	11.4%	18.6%	0.0%	0.0%	0.0%	0.0%
	F 65+	6.6%	9.7%	7.7%	3.1%	7.0%	0.0%	0.0%	0.0%	0.0%
	Total	9.6%	7.5%	10.2%	7.5%	11.4%	7.2%	7.6%	6.9%	6.3%
Preventive Care										
% Fem who have had PAP smear w/in 1 yr	Female	69.3%	62.8%	57.0%	64.7%	72.7%	63.5%	67.9%	64.2%	68.6%
National Benchmark: 69.1%	F 18-44	80.2%	72.7%	62.8%	71.5%	85.9%	72.1%	76.4%	71.4%	83.3%

Table 2A – Western New York HRA Estimates by Age and Gender**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

Description		WNY Region Total	Allegany County	Cattaraugus County	Chautauqua County	Erie County	Genesee County	Niagara County	Orleans County	Wyoming County
	F 45-64	67.9%	64.8%	58.8%	67.3%	68.2%	64.8%	72.3%	67.0%	64.5%
	F 65+	48.0%	39.3%	38.8%	44.6%	53.2%	38.6%	42.3%	40.4%	41.8%
	Total	69.3%	64.3%	59.4%	66.5%	75.6%	66.3%	70.4%	66.9%	72.4%
% Male 40+ had PSA test within 1 year	Male	34.9%	30.0%	40.0%	34.9%	38.0%	42.9%	41.7%	28.2%	34.2%
National Benchmark: 34.1%	M 18-44	11.7%	10.0%	13.3%	20.7%	9.5%	13.6%	11.8%	15.4%	9.1%
	M 45-64	33.7%	29.1%	45.1%	29.5%	35.9%	38.5%	43.3%	28.4%	35.2%
	M 65+	49.3%	45.5%	40.9%	53.3%	63.3%	68.3%	52.8%	37.1%	46.2%
	Total	34.9%	30.0%	40.0%	34.9%	38.0%	42.9%	41.7%	28.2%	34.2%
Health Risk Behaviors										
% Watch TV over 5 hours/day	Male	14.9%	14.9%	13.7%	18.2%	11.5%	11.5%	16.2%	8.4%	9.8%
	M 18-44	10.9%	10.9%	10.6%	10.7%	8.3%	7.7%	9.9%	8.9%	8.9%
	M 45-64	14.2%	14.2%	15.1%	20.2%	10.3%	11.4%	14.1%	7.8%	9.2%
	M 65+	25.6%	25.6%	18.0%	30.8%	20.6%	22.7%	35.9%	8.3%	13.6%
	Female	15.4%	15.3%	12.3%	15.8%	18.8%	12.9%	15.6%	12.4%	9.9%
	F 18-44	10.6%	10.6%	8.5%	11.1%	12.5%	7.8%	8.9%	7.6%	7.6%
	F 45-64	14.3%	14.3%	15.7%	12.6%	20.5%	11.8%	13.3%	14.3%	8.0%
	F 65+	28.5%	26.9%	15.4%	31.3%	29.1%	26.7%	33.3%	21.1%	19.0%
	Total	15.2%	15.1%	13.0%	16.8%	15.7%	12.3%	16.0%	10.6%	9.9%
% who are regular smokers	Male	26.0%	21.7%	27.0%	27.0%	22.2%	25.9%	28.1%	29.4%	26.9%
National Goal: 12.0%	M 18-44	32.4%	21.7%	36.7%	30.2%	34.0%	31.9%	35.7%	34.4%	36.0%
	M 45-64	26.5%	24.8%	26.1%	31.6%	18.0%	27.1%	27.5%	27.8%	25.2%
	M 65+	9.8%	14.9%	7.8%	11.3%	0.0%	6.8%	10.3%	16.2%	6.8%
	Female	24.8%	22.1%	26.5%	24.3%	21.8%	20.1%	23.2%	28.7%	27.7%
	F 18-44	31.6%	29.4%	37.3%	30.2%	28.2%	27.6%	26.5%	34.2%	36.6%

Table 2A – Western New York HRA Estimates by Age and Gender**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

Description		WNY Region Total	Allegany County	Cattaraugus County	Chautauqua County	Erie County	Genesee County	Niagara County	Orleans County	Wyoming County
	F 45-64	25.7%	16.5%	23.2%	24.6%	24.6%	17.0%	24.8%	34.0%	28.0%
	F 65+	9.2%	17.7%	5.8%	10.9%	3.5%	6.7%	13.8%	5.1%	6.9%
	Total	25.3%	21.9%	26.7%	25.3%	21.9%	22.7%	25.3%	28.9%	27.3%
% uninsured who are regular smokers	Male	34.1%	22.2%	33.3%	35.7%	23.1%	38.5%	57.1%	42.9%	45.5%
National Goal: 12.0%	M 18-44	31.9%	14.3%	33.3%	40.0%	33.3%	50.0%	50.0%	36.4%	40.0%
	M 45-64	37.5%	50.0%	0.0%	33.3%	0.0%	33.3%	75.0%	100.0%	50.0%
	M 65+	42.9%	50.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50.0%
	Female	37.7%	33.3%	50.0%	26.3%	39.1%	25.0%	33.3%	52.9%	50.0%
	F 18-44	43.0%	40.0%	68.8%	35.7%	35.7%	33.3%	28.6%	50.0%	50.0%
	F 45-64	34.0%	33.3%	14.3%	0.0%	57.1%	20.0%	66.7%	66.7%	50.0%
	F 65+	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Total	36.1%	27.8%	44.4%	30.3%	33.3%	32.0%	46.2%	48.4%	47.6%
% Inc <\$10K who are regular smokers	Male	39.2%	25.0%	45.0%	35.3%	33.3%	0.0%	54.6%	50.0%	40.0%
National Goal: 12.0%	M 18-44	43.6%	20.0%	41.7%	60.0%	50.0%	0.0%	60.0%	50.0%	0.0%
	M 45-64	40.0%	0.0%	57.1%	37.5%	33.3%	0.0%	50.0%	50.0%	66.7%
	M 65+	28.0%	33.3%	0.0%	0.0%	0.0%	0.0%	50.0%	50.0%	0.0%
	Female	33.6%	42.9%	28.6%	37.9%	28.6%	25.0%	40.0%	33.3%	31.3%
	F 18-44	43.7%	61.5%	54.6%	37.5%	25.0%	33.3%	50.0%	33.3%	33.3%
	F 45-64	42.7%	37.5%	22.2%	53.9%	50.0%	0.0%	44.4%	50.0%	60.0%
	F 65+	10.8%	14.3%	0.0%	12.5%	0.0%	25.0%	20.0%	28.6%	0.0%
	Total	35.4%	36.6%	35.4%	37.0%	29.6%	21.1%	45.2%	38.9%	33.3%
% who are healthy weight	Male	28.6%	28.0%	28.5%	30.7%	25.8%	22.6%	31.7%	30.0%	29.2%
National Goal: 33.0%	M 18-44	33.8%	32.7%	34.0%	38.9%	32.6%	24.8%	35.1%	33.9%	35.5%
	M 45-64	21.4%	21.5%	22.0%	19.5%	19.3%	18.4%	27.0%	23.5%	18.1%

Table 2A – Western New York HRA Estimates by Age and Gender

Sponsored by the Western New York Public Health Alliance and Health for All

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

Description		WNY Region Total	Allegany County	Cattaraugus County	Chautauqua County	Erie County	Genesee County	Niagara County	Orleans County	Wyoming County
	M 65+	30.6%	31.0%	27.7%	31.3%	22.9%	27.5%	32.4%	32.4%	38.5%
	Female	41.9%	37.7%	41.4%	44.9%	45.0%	43.2%	45.4%	41.3%	44.7%
	F 18-44	48.3%	42.9%	46.7%	57.0%	53.1%	48.2%	47.7%	41.2%	55.6%
	F 45-64	36.5%	31.3%	40.2%	35.2%	33.7%	36.6%	44.4%	43.6%	33.0%
	F 65+	37.9%	39.0%	31.4%	37.5%	50.0%	42.6%	42.6%	37.7%	38.0%
	Total	37.8%	25.6%	37.6%	30.6%	32.3%	36.9%	37.2%	25.6%	30.3%
% uninsured who are healthy weight	Male	27.8%	28.03	33.3%	35.7%	7.7%	23.1%	28.6%	28.6%	36.4%
National Goal: 60.0%	M 18-44	27.5%	32.69	33.3%	40.0%	0.0%	25.0%	20.0%	36.4%	20.0%
	M 45-64	27.5%	21.51	0.0%	33.3%	25.0%	22.2%	50.0%	0.0%	50.0%
	M 65+	28.6%	30.95	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50.0%
	Female	37.1%	37.69	41.7%	52.6%	43.5%	25.0%	41.6%	23.5%	40.0%
	F 18-44	40.2%	42.86	43.8%	64.3%	57.1%	0.0%	28.6%	28.6%	25.0%
	F 45-64	32.0%	31.25	28.6%	25.0%	28.6%	60.0%	66.7%	0.0%	100.0%
	F 65+	30.0%	38.98	100.0%	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%
	Total	32.8%	25.6%	38.9%	45.5%	30.6%	24.0%	34.6%	25.8%	38.1%
% Income <\$10K who are healthy weight	Male	28.8%	8.3%	35.0%	41.2%	16.7%	0.0%	27.3%	33.3%	0.0%
National Goal: 60.0%	M 18-44	25.5%	0.0%	33.3%	60.0%	0.0%	0.0%	20.0%	0.0%	0.0%
	M 45-64	26.7%	0.0%	42.9%	25.0%	33.3%	0.0%	0.0%	50.0%	0.0%
	M 65+	40.0%	16.7%	0.0%	50.0%	0.0%	0.0%	50.0%	50.0%	0.0%
	Female	34.4%	32.1%	28.6%	20.7%	33.3%	43.8%	45.0%	33.3%	37.5%
	F 18-44	42.5%	53.8%	27.3%	12.5%	37.5%	44.4%	33.3%	33.3%	66.7%
	F 45-64	25.8%	0.0%	22.2%	23.1%	12.5%	66.7%	44.4%	50.0%	0.0%
	F 65+	35.1%	28.6%	37.5%	25.0%	60.0%	25.0%	60.0%	28.6%	40.0%
	Total	32.4%	24.4%	31.3%	28.3%	29.6%	36.8%	38.7%	33.3%	28.6%

Table 2A – Western New York HRA Estimates by Age and Gender**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

Description		WNY Region Total	Allegany County	Cattaraugus County	Chautauqua County	Erie County	Genesee County	Niagara County	Orleans County	Wyoming County
% who are over weight	Male	44.3%	43.9%	47.4%	44.8%	51.2%	48.2%	41.5%	41.7%	42.4%
National Benchmark: 65.0%	M 18-44	41.5%	39.4%	44.7%	41.6%	45.3%	47.6%	38.3%	43.8%	40.9%
	M 45-64	47.0%	47.3%	45.1%	51.7%	55.4%	50.0%	44.6%	40.0%	44.7%
	M 65+	45.8%	47.6%	57.5%	39.6%	57.1%	45.0%	43.2%	38.2%	41.0%
	Female	29.7%	28.5%	33.6%	30.2%	26.0%	27.9%	30.3%	29.3%	32.2%
	F 18-44	24.5%	23.8%	28.3%	22.3%	21.2%	28.1%	25.2%	27.9%	23.0%
	F 45-64	32.1%	29.2%	39.2%	34.3%	28.7%	25.7%	30.0%	33.0%	38.6%
	F 65+	35.9%	35.6%	35.3%	39.3%	31.3%	31.5%	40.7%	26.4%	44.0%
	Total	15.2%	12.4%	12.0%	14.8%	14.1%	10.7%	13.6%	10.0%	9.3%
% uninsured who are over weight	Male	41.3%	38.9%	25.0%	35.7%	61.5%	53.8%	35.7%	50.0%	63.6%
National Benchmark: 31.0%	M 18-44	41.8%	35.7%	33.3%	40.0%	66.7%	50.0%	30.0%	45.5%	80.0%
	M 45-64	40.0%	50.0%	0.0%	33.3%	50.0%	55.6%	50.0%	50.0%	50.0%
	M 65+	42.9%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	50.0%
	Female	29.3%	16.7%	37.5%	10.5%	26.1%	41.7%	42.9%	41.2%	10.0%
	F 18-44	28.0%	20.0%	31.3%	14.3%	21.4%	50.0%	42.9%	35.7%	12.5%
	F 45-64	30.0%	16.7%	57.1%	0.0%	28.6%	20.0%	33.3%	66.7%	0.0%
	F 65+	40.0%	0.0%	0.0%	0.0%	50.0%	100.0%	50.0%	0.0%	0.0%
	Total	34.8%	27.8%	33.3%	21.2%	38.9%	48.0%	38.5%	45.2%	38.1%
% Income <\$10K who are over weight	Male	29.6%	33.3%	20.0%	17.6%	16.7%	66.7%	27.3%	33.3%	20.0%
National Benchmark: 71.0%	M 18-44	38.2%	20.0%	33.3%	20.0%	50.0%	0.0%	40.0%	50.0%	0.0%
	M 45-64	22.2%	0.0%	0.0%	25.0%	0.0%	100.0%	0.0%	50.0%	33.3%
	M 65+	24.0%	50.0%	0.0%	0.0%	0.0%	100.0%	25.0%	0.0%	0.0%
	Female	21.6%	14.3%	21.4%	27.6%	14.3%	6.3%	35.0%	25.0%	12.5%
	F 18-44	16.1%	7.7%	18.2%	12.5%	12.5%	0.0%	50.0%	33.3%	0.0%

Table 2A – Western New York HRA Estimates by Age and Gender**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

Description		WNY Region Total	Allegany County	Cattaraugus County	Chautauqua County	Erie County	Genesee County	Niagara County	Orleans County	Wyoming County
	F 45-64	23.6%	12.5%	11.1%	38.5%	25.0%	0.0%	22.2%	0.0%	20.0%
	F 65+	25.7%	28.6%	37.5%	25.0%	0.0%	25.0%	40.0%	28.6%	20.0%
	Total	24.2%	19.5%	20.8%	23.9%	14.8%	15.8%	32.3%	27.8%	14.3%
% who are obese	Male	26.2%	27.6%	22.8%	24.6%	23.0%	28.4%	24.9%	27.5%	26.8%
National Benchmark: 30.5%	M 18-44	23.6%	27.9%	20.4%	19.5%	22.1%	26.7%	23.4%	21.5%	20.9%
	M 45-64	30.9%	30.1%	30.5%	28.7%	25.3%	31.6%	28.4%	35.3%	36.2%
	M 65+	23.0%	21.4%	14.9%	29.2%	20.0%	25.0%	21.6%	29.4%	20.5%
	Female	25.0%	29.2%	22.4%	22.8%	24.1%	25.2%	21.5%	25.8%	20.5%
	F 18-44	21.6%	28.6%	20.0%	17.4%	16.8%	18.0%	22.4%	27.2%	16.7%
	F 45-64	29.7%	34.4%	19.6%	29.6%	34.7%	34.7%	24.4%	22.3%	28.4%
	F 65+	24.0%	22.0%	33.3%	21.4%	18.8%	25.9%	14.8%	28.3%	16.0%
	Total	25.6%	28.4%	22.6%	23.7%	23.5%	26.8%	23.2%	26.7%	23.6%
% uninsured who are obese	Male	24.6%	22.2%	41.7%	14.3%	23.1%	23.1%	21.4%	21.4%	0.0%
National Goal: 15.0%	M 18-44	26.4%	28.6%	33.3%	20.0%	33.3%	25.0%	30.0%	18.2%	0.0%
	M 45-64	25.0%	0.0%	100.0%	0.0%	0.0%	22.2%	0.0%	50.0%	0.0%
	M 65+	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Female	24.0%	27.8%	12.5%	21.1%	26.1%	33.3%	16.7%	17.6%	30.0%
	F 18-44	21.5%	20.0%	12.5%	14.3%	14.3%	50.0%	28.6%	14.3%	37.5%
	F 45-64	28.0%	33.3%	14.3%	25.0%	42.9%	20.0%	0.0%	33.3%	0.0%
	F 65+	30.0%	50.0%	0.0%	100.0%	50.0%	0.0%	0.0%	0.0%	0.0%
	Total	24.3%	25.0%	22.2%	18.2%	25.0%	28.0%	19.2%	19.4%	14.3%
% Inc <\$10K who are obese	Male	31.2%	41.7%	30.0%	17.6%	33.3%	33.3%	45.5%	16.7%	60.0%
National Goal: 15.0%	M 18-44	25.5%	60.0%	16.7%	0.0%	0.0%	100.0%	40.0%	0.0%	100.0%
	M 45-64	37.8%	0.0%	42.9%	25.0%	33.3%	0.0%	100.0%	0.0%	33.3%

Table 2A – Western New York HRA Estimates by Age and Gender**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

Description		WNY Region Total	Allegany County	Cattaraugus County	Chautauqua County	Erie County	Genesee County	Niagara County	Orleans County	Wyoming County
	M 65+	32.0%	33.3%	100.0%	25.0%	100.0%	0.0%	25.0%	50.0%	100.0%
	Female	34.0%	39.3%	28.6%	37.9%	38.1%	37.5%	15.0%	41.7%	37.5%
	F 18-44	26.4%	30.8%	27.3%	62.5%	25.0%	33.3%	0.0%	33.3%	16.7%
	F 45-64	42.7%	62.5%	33.3%	30.8%	62.5%	33.3%	33.3%	50.0%	60.0%
	F 65+	32.4%	28.6%	25.0%	25.0%	20.0%	50.0%	0.0%	42.9%	40.0%
	Total	33.0%	39.0%	29.2%	30.4%	37.0%	36.8%	25.8%	33.3%	42.9%
% who perceive they are overweight	Male	46.7%	54.9%	43.5%	46.5%	50.0%	42.9%	45.2%	41.2%	48.5%
National Benchmark: 42.8%	M 18-44	34.2%	42.1%	31.6%	32.4%	38.9%	29.7%	31.3%	26.5%	40.6%
	M 45-64	57.0%	66.7%	63.0%	56.8%	56.5%	50.0%	57.6%	60.5%	53.5%
	M 65+	48.6%	54.6%	40.7%	47.6%	55.6%	55.6%	47.4%	40.0%	50.0%
	Female	59.6%	64.6%	60.2%	57.5%	60.1%	58.1%	62.8%	57.9%	60.4%
	F 18-44	54.0%	62.4%	53.4%	48.9%	55.1%	51.5%	57.0%	60.2%	48.4%
	F 45-64	68.6%	70.9%	65.0%	62.7%	72.1%	66.3%	64.9%	67.2%	80.0%
	F 65+	54.8%	57.1%	65.1%	64.7%	44.2%	56.5%	69.6%	40.8%	48.8%
	Total	53.2%	59.7%	51.8%	52.0%	55.1%	50.5%	54.0%	49.6%	54.4%
<u>Perceived Health Status</u>										
% describing current health as excellent	Male	19.2%	20.5%	16.5%	18.1%	21.4%	19.4%	20.8%	19.8%	19.6%
National Benchmark: 31.9%	M 18-44	23.1%	25.6%	19.1%	22.4%	29.0%	25.4%	28.0%	24.6%	22.1%
	M 45-64	17.4%	20.2%	17.1%	15.5%	16.9%	15.0%	14.3%	15.6%	17.4%
	M 65+	13.6%	8.5%	9.8%	13.2%	11.4%	13.6%	15.4%	13.5%	18.2%
	Female	17.0%	17.3%	13.4%	14.2%	17.9%	20.9%	21.4%	17.2%	16.4%
	F 18-44	19.5%	19.2%	14.0%	14.4%	23.3%	22.8%	25.8%	18.8%	19.1%
	F 45-64	16.3%	17.5%	13.5%	15.8%	14.0%	22.3%	21.2%	15.1%	14.1%
	F 65+	12.8%	12.9%	11.5%	10.9%	14.3%	13.3%	12.3%	17.0%	14.0%

Table 2A – Western New York HRA Estimates by Age and Gender

Sponsored by the Western New York Public Health Alliance and Health for All

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

Description		WNY Region Total	Allegany County	Cattaraugus County	Chautauqua County	Erie County	Genesee County	Niagara County	Orleans County	Wyoming County
	Total	18.1%	18.9%	14.9%	16.1%	19.7%	20.2%	21.1%	18.5%	18.0%
% describing current health as very good	Male	33.9%	29.5%	30.1%	36.8%	35.3%	36.3%	37.0%	33.6%	35.7%
National Benchmark: 29.7%	M 18-44	37.7%	31.6%	34.6%	41.4%	35.0%	40.2%	36.0%	32.5%	42.5%
	M 45-64	32.2%	26.9%	22.7%	36.1%	36.0%	30.8%	41.6%	40.0%	35.7%
	M 65+	28.3%	29.8%	33.3%	28.3%	34.3%	38.6%	30.8%	21.6%	18.2%
	Female	32.3%	31.1%	31.8%	31.9%	34.5%	35.5%	29.7%	32.2%	36.3%
	F 18-44	33.7%	28.5%	36.0%	33.1%	35.8%	32.9%	30.8%	30.9%	36.0%
	F 45-64	33.2%	36.8%	30.6%	32.5%	36.0%	35.7%	27.3%	36.8%	39.4%
	F 65+	27.9%	25.8%	23.1%	28.1%	28.6%	41.7%	31.6%	27.1%	31.6%
	Total	33.1%	30.3%	30.9%	34.4%	34.9%	35.9%	33.4%	32.9%	36.0%
% describing current health as good	Male	32.1%	34.7%	34.5%	32.0%	29.5%	33.7%	25.0%	36.0%	32.6%
National Benchmark: 25.5%	M 18-44	28.2%	29.1%	30.9%	25.9%	25.0%	30.3%	26.0%	31.8%	27.4%
	M 45-64	34.1%	38.5%	37.5%	37.1%	32.6%	39.3%	24.7%	36.7%	31.6%
	M 65+	37.5%	40.4%	37.3%	35.9%	34.3%	29.6%	23.1%	48.7%	47.7%
	Female	33.6%	33.7%	36.8%	36.6%	29.3%	29.7%	31.9%	40.5%	34.6%
	F 18-44	32.4%	34.6%	33.8%	36.0%	24.2%	31.0%	33.3%	42.3%	31.6%
	F 45-64	31.8%	31.6%	36.0%	34.2%	30.7%	25.9%	27.3%	35.9%	33.3%
	F 65+	39.2%	35.5%	46.2%	42.2%	37.5%	33.3%	36.8%	44.1%	43.9%
	Total	32.8%	34.2%	35.7%	34.3%	29.4%	31.7%	28.4%	38.2%	33.6%
% describing current health as fair	Male	11.1%	11.9%	14.1%	9.4%	8.5%	8.8%	13.9%	7.9%	9.4%
National Benchmark: 9.1%	M 18-44	8.6%	11.1%	12.7%	6.9%	6.0%	4.1%	8.0%	10.3%	5.3%
	M 45-64	12.2%	11.5%	15.9%	9.3%	10.1%	13.1%	16.9%	4.4%	11.2%
	M 65+	14.9%	14.9%	13.7%	15.1%	11.4%	11.4%	23.1%	8.1%	15.9%
	Female	12.3%	12.4%	12.4%	11.0%	11.4%	11.2%	13.8%	7.6%	10.6%

Table 2A – Western New York HRA Estimates by Age and Gender

Sponsored by the Western New York Public Health Alliance and Health for All

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

Description		WNY Region Total	Allegany County	Cattaraugus County	Chautauqua County	Erie County	Genesee County	Niagara County	Orleans County	Wyoming County
	F 18-44	10.4%	14.6%	9.6%	11.5%	11.7%	12.0%	6.7%	6.0%	9.6%
	F 45-64	13.1%	9.7%	13.5%	8.8%	10.5%	10.7%	20.2%	8.5%	12.1%
	F 65+	15.1%	12.9%	17.3%	14.1%	12.5%	10.0%	17.5%	10.2%	10.5%
	Total	11.7%	12.2%	13.2%	10.2%	9.9%	10.0%	13.8%	7.8%	20.0%
% describing current health as poor	Male	3.7%	3.4%	4.8%	3.8%	5.4%	1.8%	3.2%	2.8%	2.8%
National Benchmark: 3.8%	M 18-44	2.5%	2.6%	2.7%	3.5%	5.0%	0.0%	2.0%	0.8%	2.7%
	M 45-64	4.2%	2.9%	6.8%	2.1%	4.5%	1.9%	2.6%	3.3%	4.1%
	M 65+	5.7%	6.4%	5.9%	7.6%	8.6%	6.8%	7.7%	8.1%	0.0%
	Female	4.9%	5.6%	5.7%	6.3%	6.9%	2.7%	3.3%	2.6%	2.1%
	F 18-44	4.1%	3.1%	6.6%	5.0%	5.0%	1.3%	3.3%	2.0%	3.7%
	F 45-64	5.7%	4.4%	6.3%	8.8%	8.8%	5.4%	4.0%	3.8%	1.0%
	F 65+	5.0%	12.9%	1.9%	4.7%	7.1%	1.7%	1.8%	1.7%	0.0%
	Total	0.0%	0.0%	0.1%	0.1%	0.1%	0.0%	0.0%	0.1%	0.0%

Table 2B – Supplemental Sample HRA Estimates by Age and Gender

Sponsored by the Western New York Public Health Alliance and Health for All

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

Description		WNY Region Total	Supplemental Samples				
			Erie West Side	Erie East Side	Niagara Falls	Dunkirk	Jamestown
<u>Access to Care</u>							
% w/ source of regular care	Male	94.8%	88.0%	94.1%	93.9%	98.3%	99.0%
National Benchmark: 83%	M 18-44	93.9%	83.8%	92.6%	92.6%	100.0%	97.4%
	M 45-64	94.7%	90.5%	91.3%	93.0%	97.9%	100.0%
	M 65+	98.6%	94.1%	100.0%	100.0%	96.6%	100.0%
	Female	95.5%	91.7%	96.9%	93.0%	97.1%	97.8%
	F 18-44	96.1%	87.8%	96.3%	92.5%	98.0%	98.0%
	F 45-64	94.4%	91.7%	94.3%	90.0%	96.3%	97.7%
	F 65+	96.0%	100.0%	100.0%	100.0%	97.1%	97.8%
	Total	95.0%	89.8%	95.5%	93.5%	97.7%	98.4%
% w/ no regular source of care	Male	5.2%	12.0%	5.9%	6.1%	1.7%	1.0%
National Goal: 4.0%	M 18-44	6.4%	16.2%	7.4%	7.4%	0.0%	2.6%
	M 45-64	5.3%	9.5%	8.7%	7.0%	2.1%	0.0%
	M 65+	1.4%	5.9%	0.0%	0.0%	3.5%	0.0%
	Female	4.6%	8.3%	3.1%	7.0%	2.9%	2.2%
	F 18-44	3.9%	12.2%	3.7%	7.6%	2.0%	2.0%
	F 45-64	5.6%	8.3%	5.7%	10.0%	3.7%	2.3%
	F 65+	4.0%	0.0%	0.0%	0.0%	2.9%	2.2%
	Total	4.9%	10.2%	4.5%	6.5%	2.3%	1.6%
% regular user of hospital ER	Male	2.9%	1.5%	0.0%	3.8%	4.3%	3.1%
National Benchmark: 1.2%	M 18-44	2.3%	0.0%	0.0%	4.1%	9.3%	5.4%
	M 45-64	3.8%	5.3%	0.0%	5.1%	2.2%	3.0%

Table 2B – Supplemental Sample HRA Estimates by Age and Gender**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

Description		WNY Region Total	Supplemental Samples				
			Erie West Side	Erie East Side	Niagara Falls	Dunkirk	Jamestown
	M 65+	2.4%	0.0%	0.0%	0.0%	0.0%	0.0%
	Female	2.8%	0.0%	4.3%	1.7%	0.7%	0.7%
	F 18-44	2.5%	0.0%	7.7%	2.0%	2.0%	2.0%
	F 45-64	3.2%	0.0%	3.0%	2.2%	0.0%	0.0%
	F 65+	2.6%	0.0%	2.9%	0.0%	0.0%	0.0%
	Total	3.0%	0.8%	2.1%	2.7%	2.5%	1.9%
% uninsured	Male	6.7%	15.3%	11.8%	15.9%	8.5%	9.3%
National Benchmark: 1.7%	M 18-44	11.8%	25.7%	22.2%	20.8%	16.7%	15.8%
	M 45-64	3.8%	4.8%	8.7%	14.3%	6.4%	9.1%
	M 65+	22.8%	6.3%	0.0%	5.6%	0.0%	0.0%
	Female	3.7%	6.6%	5.2%	9.5%	7.9%	7.4%
	F 18-44	5.3%	12.5%	7.7%	11.8%	13.7%	12.2%
	F 45-64	3.7%	2.9%	8.6%	12.0%	7.4%	9.5%
	F 65+	25.9%	0.0%	0.0%	0.0%	0.0%	12.4%
	Total	5.1%	10.9%	8.5%	12.7%	8.2%	8.3%
<u>Disease Prevalence</u>							
% w/ MD diagnosed diabetes or high sugar	Male	9.6%	8.0%	20.6%	13.2%	11.8%	0.0%
National Goal: 2.5%	M 18-44	1.9%	0.0%	7.4%	3.8%	2.3%	15.2%
	M 45-64	13.2%	14.3%	17.4%	18.6%	8.5%	26.9%
	M 65+	22.2%	17.7%	44.4%	27.8%	31.0%	0.0%
	Female	8.0%	10.5%	14.4%	9.4%	13.6%	15.8%
	F 18-44	3.1%	2.1%	0.0%	5.8%	3.9%	4.0%
	F 45-64	11.1%	14.7%	5.7%	8.0%	13.0%	15.9%

Table 2B – Supplemental Sample HRA Estimates by Age and Gender**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

Description		WNY Region Total	Supplemental Samples				
			Erie West Side	Erie East Side	Niagara Falls	Dunkirk	Jamestown
	F 65+	12.7%	21.7%	34.3%	19.2%	28.6%	28.9%
	Total	9.0%	9.2%	17.5%	11.3%	12.7%	7.9%
% w/ MD diagnosed high blood pressure	Male	27.1%	18.7%	36.8%	29.0%	19.3%	26.0%
National Goal: 16.0%	M 18-44	6.9%	0.0%	14.8%	7.6%	7.0%	8.1%
	M 45-64	37.9%	28.6%	26.1%	44.2%	19.2%	30.3%
	M 65+	56.4%	47.1%	83.3%	55.6%	37.9%	46.2%
	Female	26.1%	19.6%	43.3%	24.2%	22.9%	25.2%
	F 18-44	5.8%	2.0%	11.1%	5.8%	7.8%	8.0%
	F 45-64	34.2%	28.6%	45.7%	32.0%	27.8%	22.7%
	F 65+	54.7%	43.5%	65.7%	46.2%	37.1%	46.7%
	Total	26.4%	19.2%	40.0%	24.2%	21.1%	25.6%
% w/ MD diagnosed high cholesterol	Male	25.4%	8.0%	25.0%	20.2%	16.8%	27.1%
National Goal: 17.0%	M 18-44	11.4%	0.0%	22.2%	9.4%	2.3%	13.2%
	M 45-64	37.0%	19.1%	26.1%	27.9%	21.3%	30.3%
	M 65+	37.0%	11.8%	27.8%	33.3%	31.0%	44.0%
	Female	21.0%	22.6%	22.1%	22.8%	27.1%	20.1%
	F 18-44	7.2%	6.1%	7.4%	7.7%	11.8%	6.0%
	F 45-64	28.7%	34.3%	14.7%	26.0%	29.6%	18.2%
	F 65+	36.6%	40.9%	41.2%	48.0%	45.7%	37.8%
	Total	0.2%	15.3%	23.6%	21.5%	22.0%	23.6%
% w/ MD diagnosed heart condition	Male	10.0%	5.3%	7.5%	9.7%	9.3%	9.3%
National Benchmark: 11.5%	M 18-44	1.1%	2.7%	3.7%	0.0%	2.3%	2.6%
	M 45-64	12.1%	4.8%	4.4%	14.0%	4.3%	6.1%

Table 2B – Supplemental Sample HRA Estimates by Age and Gender**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

Description		WNY Region Total	Supplemental Samples				
			Erie West Side	Erie East Side	Niagara Falls	Dunkirk	Jamestown
	M 65+	29.2%	11.8%	17.7%	27.8%	28.6%	23.1%
	Female	9.5%	6.5%	10.3%	10.9%	7.9%	7.9%
	F 18-44	4.7%	2.0%	0.0%	5.8%	2.0%	0.0%
	F 45-64	9.9%	11.4%	5.7%	6.0%	3.7%	4.6%
	F 65+	19.4%	8.7%	22.9%	30.8%	22.9%	20.0%
	Total	10.7%	5.9%	8.9%	10.3%	8.6%	8.6%
% w/ MD diagnosed backpain	Male	19.8%	18.7%	13.2%	31.3%	21.0%	20.6%
National Benchmark: 22.5%	M 18-44	15.3%	16.2%	18.5%	24.1%	14.0%	18.4%
	M 45-64	24.1%	28.6%	8.7%	39.5%	27.7%	21.2%
	M 65+	21.5%	11.8%	11.1%	33.3%	20.7%	23.1%
	Female	24.3%	29.2%	33.3%	33.6%	21.4%	16.8%
	F 18-44	17.7%	17.0%	19.2%	26.9%	19.6%	8.3%
	F 45-64	27.8%	36.1%	37.1%	38.0%	20.4%	13.6%
	F 65+	31.8%	43.5%	40.0%	38.5%	25.7%	28.9%
	Total	22.2%	24.9%	25.0%	32.5%	21.2%	18.4%
% w/ MD diagnosed asthma	Male	7.0%	8.0%	7.4%	5.3%	5.9%	61.9%
National Benchmark: 9.7%	M 18-44	7.4%	2.7%	7.4%	3.8%	9.3%	74.0%
	M 45-64	8.4%	23.8%	0.0%	9.3%	4.3%	75.0%
	M 65+	2.7%	0.0%	16.7%	0.0%	3.5%	35.6%
	Female	11.7%	11.2%	6.2%	9.5%	7.1%	14.2%
	F 18-44	11.2%	12.2%	7.4%	5.8%	7.8%	11.8%
	F 45-64	15.0%	14.3%	8.6%	16.0%	7.4%	21.2%
	F 65+	6.6%	4.4%	2.9%	4.0%	5.7%	15.1%

Table 2B – Supplemental Sample HRA Estimates by Age and Gender**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

Description		WNY Region Total	Supplemental Samples				
			Erie West Side	Erie East Side	Niagara Falls	Dunkirk	Jamestown
	Total	10.2%	9.6%	6.8%	7.4%	6.5%	38.0%
<u>Preventive Care</u>							
% Fem who have had PAP smear within 1 yr	Female	69.3%	54.9%	53.2%	49.6%	57.6%	48.2%
National Benchmark: 69.1%	F 18-44	80.2%	67.4%	65.4%	60.0%	72.9%	44.8%
	F 45-64	67.9%	54.6%	54.6%	46.8%	60.8%	56.0%
	F 65+	48.0%	30.4%	42.9%	34.6%	30.3%	60.1%
	Total	69.3%	54.9%	53.2%	49.6%	57.6%	48.2%
Male 40+ had PSA test within 1 year	Male	34.9%	21.3%	20.6%	13.9%	15.1%	27.8%
National Benchmark: 34.1%	M 18-44	11.7%	0.0%	0.0%	0.0%	0.0%	2.6%
	M 45-64	33.7%	38.1%	26.1%	18.6%	21.3%	24.2%
	M 65+	49.3%	47.1%	44.4%	44.4%	27.6%	69.2%
	Total	34.9%	21.3%	20.6%	13.9%	15.1%	27.8%
<u>Health Risk Behaviors</u>							
% Watch TV over 5 hours/day	Male	14.6%	25.3%	29.4%	27.0%	22.7%	12.4%
	M 18-44	10.6%	24.3%	29.6%	16.7%	9.3%	7.9%
	M 45-64	13.9%	23.8%	17.4%	30.2%	25.5%	6.1%
	M 65+	25.3%	29.4%	44.4%	50.0%	37.9%	26.9%
	Female	15.1%	21.7%	27.1%	18.0%	17.9%	18.2%
	F 18-44	10.3%	23.4%	30.8%	9.6%	13.7%	8.3%
	F 45-64	14.0%	13.9%	25.7%	20.0%	16.7%	15.9%
	F 65+	26.5%	30.4%	25.7%	30.8%	25.7%	31.1%
	Total	14.9%	23.2%	28.0%	22.2%	20.1%	15.8%
% who are regular smokers	Male	26.0%	22.7%	25.0%	33.9%	21.8%	24.7%

Table 2B – Supplemental Sample HRA Estimates by Age and Gender

Sponsored by the Western New York Public Health Alliance and Health for All

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

Description		WNY Region Total	Supplemental Samples				
			Erie West Side	Erie East Side	Niagara Falls	Dunkirk	Jamestown
National Goal: 12.0%	M 18-44	32.4%	27.0%	33.3%	42.6%	23.3%	36.8%
	M 45-64	26.5%	19.0%	26.1%	34.9%	29.8%	27.3%
	M 65+	9.8%	17.6%	11.1%	5.6%	6.9%	3.8%
	Female	24.7%	29.2%	34.4%	32.8%	20.7%	19.0%
	F 18-44	31.6%	29.8%	34.6%	44.2%	19.6%	29.2%
	F 45-64	25.7%	36.1%	57.1%	34.0%	27.8%	18.2%
	F 65+	9.1%	17.4%	11.4%	7.7%	11.4%	8.9%
	Total	25.3%	26.5%	30.5%	33.3%	21.2%	21.4%
% who are healthy weight	Male	28.6%	35.6%	29.4%	20.7%	39.7%	29.5%
National goal: 33.0%	M 18-44	33.8%	48.6%	33.3%	28.9%	46.3%	32.4%
	M 45-64	21.4%	28.6%	26.1%	14.6%	30.4%	21.9%
	M 65+	30.6%	17.7%	27.8%	11.1%	44.8%	34.6%
	Female	41.9%	42.9%	23.4%	38.7%	37.4%	43.8%
	F 18-44	48.3%	48.9%	29.6%	50.0%	38.3%	51.1%
	F 45-64	36.5%	26.7%	25.0%	32.6%	34.6%	39.0%
	F 65+	37.9%	52.2%	17.1%	28.0%	40.6%	40.5%
	Total	35.2%	39.2%	26.4%	29.7%	38.5%	36.6%
% who are over weight	Male	44.3%	38.4%	30.9%	43.2%	38.8%	47.4%
National Benchmark: 65.0%	M 18-44	41.5%	40.0%	22.2%	38.5%	34.2%	48.7%
	M 45-64	47.0%	23.8%	39.1%	41.5%	47.8%	46.9%
	M 65+	45.8%	52.9%	33.3%	61.1%	31.0%	46.2%
	Female	29.7%	27.6%	29.8%	27.7%	34.4%	32.8%
	F 18-44	24.5%	26.7%	25.9%	16.7%	25.5%	26.7%

Table 2B – Supplemental Sample HRA Estimates by Age and Gender

Sponsored by the Western New York Public Health Alliance and Health for All

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

Description		WNY Region Total	Supplemental Samples				
			Erie West Side	Erie East Side	Niagara Falls	Dunkirk	Jamestown
	F 45-64	32.1%	33.3%	25.0%	30.4%	40.4%	31.7%
	F 65+	35.9%	21.7%	37.1%	44.0%	37.5%	40.5%
	Total	37.0%	33.1%	30.3%	35.5%	36.6%	40.1%
% who are obese	Male	26.2%	24.7%	39.7%	34.2%	19.8%	23.2%
National Benchmark: 30.5%	M 18-44	23.6%	8.6%	44.4%	30.8%	17.1%	18.9%
	M 45-64	30.9%	47.6%	34.8%	43.9%	19.6%	31.3%
	M 65+	23.0%	29.4%	38.9%	22.2%	24.1%	19.2%
	Female	25.0%	25.5%	44.7%	28.6%	24.4%	18.0%
	F 18-44	21.6%	20.0%	44.4%	25.0%	25.5%	8.9%
	F 45-64	29.7%	36.7%	46.9%	34.8%	25.0%	29.3%
	F 65+	24.0%	21.7%	42.9%	24.0%	21.9%	16.7%
	Total	26.0%	25.1%	42.2%	31.4%	22.1%	20.6%
% who perceive they are overweight	Male	46.7%	39.1%	45.2%	50.0%	48.8%	50.0%
National Benchmark: 42.8%	M 18-44	34.2%	13.6%	28.6%	52.9%	46.2%	31.3%
	M 45-64	57.0%	62.5%	46.2%	52.2%	52.6%	64.7%
	M 65+	48.6%	62.5%	54.6%	33.3%	45.5%	54.6%
	Female	59.6%	47.5%	72.5%	58.3%	60.6%	58.8%
	F 18-44	54.0%	37.5%	79.0%	48.5%	59.4%	58.1%
	F 45-64	68.6%	76.9%	75.9%	72.5%	61.0%	66.7%
	F 65+	54.8%	27.3%	65.6%	47.8%	61.5%	53.9%
	Total	53.0%	43.3%	58.8%	54.2%	54.7%	54.4%
% describing current health as excellent	Male	19.2%	27.0%	17.7%	9.7%	20.2%	21.7%
National Benchmark: 31.9%	M 18-44	23.1%	27.0%	14.8%	13.0%	18.6%	26.3%

Table 2B – Supplemental Sample HRA Estimates by Age and Gender**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

Description		WNY Region Total	Supplemental Samples				
			Erie West Side	Erie East Side	Niagara Falls	Dunkirk	Jamestown
	M 45-64	17.4%	35.0%	21.7%	7.1%	23.4%	21.2%
	M 65+	13.6%	17.7%	16.7%	5.6%	17.2%	15.4%
	Female	17.0%	13.9%	9.3%	9.3%	19.4%	19.4%
	F 18-44	19.5%	12.2%	14.8%	11.3%	17.7%	34.0%
	F 45-64	16.3%	16.7%	5.7%	4.0%	28.3%	15.9%
	F 65+	12.8%	13.0%	8.6%	15.4%	8.6%	6.7%
	Total	18.0%	20.5%	13.5%	9.5%	19.8%	20.5%
% describing current health as very good	Male	33.9%	31.1%	23.5%	32.5%	28.6%	43.3%
National Benchmark: 29.7%	M 18-44	37.7%	40.5%	40.7%	42.6%	34.9%	42.1%
	M 45-64	32.2%	15.0%	17.4%	19.1%	36.2%	42.4%
	M 65+	28.3%	29.4%	5.6%	33.3%	6.9%	46.2%
	Female	32.3%	28.7%	26.8%	33.3%	27.3%	35.3%
	F 18-44	33.7%	36.7%	37.0%	34.0%	39.2%	38.0%
	F 45-64	33.2%	22.2%	20.0%	40.0%	22.6%	40.9%
	F 65+	27.9%	21.7%	25.7%	19.2%	17.1%	26.7%
	Total	33.0%	29.9%	25.2%	32.9%	28.0%	39.3%
% describing current health as good	Male	32.1%	28.4%	36.8%	30.7%	34.5%	25.8%
National Benchmark: 25.5%	M 18-44	28.2%	21.6%	29.6%	25.9%	39.5%	23.7%
	M 45-64	34.1%	25.0%	39.1%	33.3%	25.5%	27.3%
	M 65+	37.5%	47.1%	44.4%	38.9%	41.4%	26.9%
	Female	33.6%	35.2%	36.1%	29.5%	31.7%	33.1%
	F 18-44	32.4%	36.7%	33.3%	28.3%	29.4%	22.0%
	F 45-64	31.8%	27.8%	34.3%	30.0%	26.4%	31.8%

Table 2B – Supplemental Sample HRA Estimates by Age and Gender

Sponsored by the Western New York Public Health Alliance and Health for All

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

Description		WNY Region Total	Supplemental Samples				
			Erie West Side	Erie East Side	Niagara Falls	Dunkirk	Jamestown
	F 65+	39.2%	43.5%	40.0%	30.8%	42.9%	46.7%
	Total	33.0%	31.8%	36.4%	30.1%	33.1%	29.4%
% describing current health as fair	Male	11.1%	8.1%	19.1%	18.4%	12.6%	8.3%
National Benchmark: 9.1%	M 18-44	8.6%	8.1%	7.4%	11.1%	7.0%	5.3%
	M 45-64	12.2%	10.0%	21.7%	31.0%	10.6%	9.1%
	M 65+	14.9%	5.9%	33.3%	11.1%	24.1%	11.5%
	Female	12.3%	14.8%	24.7%	17.8%	15.8%	7.2%
	F 18-44	10.4%	4.1%	11.1%	17.0%	11.8%	4.0%
	F 45-64	13.1%	27.8%	34.3%	16.0%	17.0%	6.8%
	F 65+	15.1%	17.4%	25.7%	23.1%	20.0%	11.1%
	Total	12.0%	11.5%	21.9%	18.1%	14.2%	7.7%
% describing current health as poor	Male	4.0%	5.4%	2.9%	8.8%	4.2%	1.0%
National Benchmark: 3.8%	M 18-44	3.0%	2.7%	7.4%	7.4%	0.0%	2.6%
	M 45-64	4.2%	15.0%	0.0%	9.5%	4.3%	0.0%
	M 65+	5.7%	0.0%	0.0%	11.1%	10.3%	0.0%
	Female	4.9%	7.4%	3.1%	10.1%	5.8%	5.0%
	F 18-44	4.1%	10.2%	3.7%	9.4%	2.0%	2.0%
	F 45-64	5.7%	5.6%	5.7%	10.0%	5.7%	4.6%
	F 65+	5.0%	4.4%	0.0%	11.5%	11.4%	8.9%
	Total	4.0%	6.4%	3.0%	9.4%	5.0%	3.0%

Table 3A – Western New York HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by The Community Health Foundation of Western and Central New York & The US Department of Health and Human Services

		WNY Region Total	Allegany County	Cattaraugus County	Chautauqua County	Erie County	Genesee County	Niagara County	Orleans County	Wyoming County
Description										
Population		1,201,397	37,775	62,002	105,652	720,008	44,740	165,648	32,589	32,983
<u>1. Access: Source of Care & Last Medical Visit</u>										
<u>Access: Place of Regular Care</u>										
% w/ source of regular care	%	95.2%	94.3%	94.5%	94.4%	95.6%	96.1%	93.7%	96.5%	95.2%
	#	1,143,129	35,607	58,586	99,693	687,968	42,982	155,162	31,442	31,387
% w/ reg source using Doc office	%	74.4%	69.6%	65.7%	71.6%	75.1%	73.1%	77.2%	82.2%	82.9%
	#	849,917	24,775	38,497	71,340	516,870	31,424	119,708	25,858	26,023
% w/reg source using clinic or health center	%	14.6%	17.7%	25.2%	18.4%	15.8%	18.3%	5.2%	9.2%	8.7%
	#	166,668	6,288	14,764	18,294	108,630	7,853	8,053	2,896	2,743
% w/ reg source using hospital outpat	%	7.8%	6.0%	6.5%	8.7%	5.7%	7.7%	13.9%	4.4%	5.4%
	#	89,164	2,140	3,808	8,693	38,870	3,288	21,599	1,374	1,689
<u>Access: No Reg Source of Care</u>										
% w/ no reg source of care	%	4.9%	5.7%	5.5%	5.6%	4.5%	3.9%	6.3%	3.5%	4.8%
	#	58,268	2,168	3,416	5,959	32,040	1,758	10,486	1,147	1,596
% Uninsured w/ no reg source	%	19.2%	16.0%	7.4%	13.0%	21.1%	20.8%	31.5%	13.5%	15.2%
	#	11,562	567	561	1,483	6,247	491	3,083	459	471
% Income <\$10K w/ no reg source	%	1.8%	0.0%	1.6%	3.9%	0.0%	0.0%	9.2%	8.7%	6.8%
	#	1,286	0	92	304	0	0	925	76	81
% Medicaid w/ no reg source	%	5.9%	7.7%	0.0%	4.6%	6.7%	0.0%	5.6%	7.0%	5.0%
	#	4,168	186	0	405	2,893	0	389	115	81
% Medicare w/ no reg source	%	2.7%	4.6%	0.0%	4.0%	2.9%	1.7%	5.1%	1.5%	0.0%
	#	3,217	133	0	457	1,140	51	622	25	0
% regular user of hospital ER	%	2.8%	4.9%	2.6%	1.4%	3.0%	0.8%	3.1%	3.9%	2.2%
	#	32,465	1,741	1,517	1,376	20,501	352	4,795	1,239	691
% Uninsured regular user of hospital ER	%	4.3%	5.9%	3.6%	2.6%	0.0%	5.7%	8.5%	13.4%	13.1%
	#	2,582	208	275	293	0	133	833	455	406
% Medicaid & regular user of hospital ER	%	7.3%	4.2%	5.2%	0.0%	10.7%	0.0%	7.2%	3.1%	0.0%
	#	5,180	101	261	0	4,591	0	499	52	0

Table 3A – Western New York HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by The Community Health Foundation of Western and Central New York & The US Department of Health and Human Services

		WNY Region	Allegany	Cattaraugus	Chautauqua	Erie	Genesee	Niagara	Orleans	Wyoming
		Total	County	County	County	County	County	County	County	County
Description										
Population		1,201,397	37,775	62,002	105,652	720,008	44,740	165,648	32,589	32,983
% Insured & regular user of hospital ER	%	2.8%	4.7%	2.5%	1.3%	3.1%	0.6%	3.0%	3.1%	1.2%
	#	32,296	1,591	1,372	1,234	21,539	271	4,613	899	371
% Income <\$10K regular user of hospital ER	%	4.4%	1.7%	0.0%	3.4%	3.2%	0.0%	16.4%	5.9%	4.3%
	#	3,113	46	0	261	1,205	0	1,650	52	51
% Medicare regular user of hospital ER	%	0.8%	0.0%	0.0%	2.4%	0.0%	0.0%	3.4%	0.0%	3.2%
	#	931	0	0	268	0	0	418	0	48
Access: Last Medical Visit										
% w/ last visit under 6 months	%	75.2%	67.6%	67.7%	67.9%	74.4%	68.6%	71.6%	70.9%	69.9%
	#	903,931	25,525	41,951	71,748	535,542	30,696	118,604	23,093	23,055
% w/ last visit 6 mon-1 year	%	14.9%	16.5%	16.7%	18.8%	16.1%	18.3%	17.1%	16.4%	17.5%
	#	179,248	6,244	10,336	19,884	115,561	8,187	28,376	5,332	5,782
% w/ last visit 1 year -2 years	%	4.5%	7.9%	8.9%	5.9%	4.2%	6.5%	5.5%	8.0%	6.5%
	#	54,423	2,973	5,512	6,233	30,312	2,904	9,160	2,601	2,157
% w/ last visit 2 years -3 years	%	2.4%	3.3%	3.4%	3.5%	2.6%	2.3%	2.1%	2.6%	2.1%
	#	28,473	1,243	2,108	3,677	18,792	1,047	3,545	860	703
% w/ last visit more than 3 years	%	2.7%	4.7%	3.4%	3.4%	2.3%	4.3%	3.6%	2.2%	3.9%
	#	32,077	1,791	2,102	3,603	16,704	1,901	5,980	701	1,283
% Uninsured w/ last visit 3+ years	%	13.8%	13.5%	8.0%	8.4%	18.2%	9.4%	9.1%	9.7%	19.4%
	#	8,276	479	603	958	5,390	222	890	329	600
% Income <\$10K w/ last visit 3+ years	%	2.4%	0.0%	0.0%	9.6%	0.0%	0.0%	8.3%	0.0%	4.6%
	#	1,701	0	0	748	0	0	836	0	54
% w/ last visit for checkup	%	66.8%	56.4%	59.1%	62.9%	67.4%	60.7%	66.3%	59.8%	56.3%
	#	802,413	21,298	36,612	66,445	485,285	27,171	109,841	19,491	18,563
% Uninsured w/ last visit for checkup	%	49.4%	53.7%	49.5%	48.0%	46.3%	26.5%	69.3%	48.4%	37.8%
	#	29,710	1,908	3,744	5,489	13,723	626	6,787	1,647	1,169
% Medicaid w/ last visit for checkup	%	55.8%	52.5%	39.0%	57.9%	53.1%	41.3%	61.6%	38.6%	40.1%
	#	39,507	1,278	1,969	5,090	22,812	714	4,255	640	648

Table 3A – Western New York HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by The Community Health Foundation of Western and Central New York & The US Department of Health and Human Services

		WNY Region Total	Allegany County	Cattaraugus County	Chautauqua County	Erie County	Genesee County	Niagara County	Orleans County	Wyoming County
Description										
Population		1,201,397	37,775	62,002	105,652	720,008	44,740	165,648	32,589	32,983
% Income <\$10K w/ last visit for checkup	%	61.1%	51.5%	47.5%	53.9%	62.5%	62.5%	67.2%	91.4%	47.4%
	#	42,942	1,388	2,761	4,193	23,535	923	6,757	807	565
% w/ last visit for medical problem	%	32.9%	43.6%	41.0%	36.6%	32.2%	39.3%	33.7%	40.2%	43.7%
	#	395,740	16,477	25,390	38,700	231,627	17,569	55,807	13,098	14,420
<u>Access: Insurance Status</u>										
% uninsured	%	5.0%	9.4%	12.2%	10.8%	4.1%	5.3%	5.9%	10.5%	9.4%
	#	60,190	3,551	7,558	11,432	29,664	2,362	9,790	3,406	3,094
% of adults under 65 uninsured	%	6.1%	10.5%	13.6%	12.0%	4.6%	5.9%	6.7%	11.5%	10.5%
	#	58,425	3,219	6,767	10,028	26,142	2,120	8,769	3,106	2,904
% of employed FT who are uninsured	%	4.6%	8.4%	9.9%	8.7%	3.3%	5.2%	7.3%	9.4%	7.6%
	#	26,422	1,590	3,066	4,643	12,832	1,194	6,470	1,594	1,261
% Income <\$10K who are employed & uninsured	%	2.7%	6.2%	5.5%	2.0%	0.0%	8.5%	10.3%	5.1%	6.8%
	#	1,884	166	322	153	0	125	1,033	45	81
% Income <\$10K who are employed & insured	%	18.4%	11.3%	23.9%	24.4%	26.5%	29.6%	13.9%	5.4%	42.3%
	#	12,946	304	1,387	1,903	9,960	437	1,395	48	505
% Medicaid	%	5.9%	6.4%	8.2%	8.3%	6.0%	3.9%	4.2%	5.1%	4.9%
	#	70,762	2,433	5,053	8,790	42,984	1,731	6,908	1,659	1,616
% Medicare	%	9.8%	7.6%	6.4%	10.7%	5.5%	6.7%	7.4%	5.3%	4.6%
	#	117,857	2,875	3,993	11,347	39,456	3,011	12,192	1,711	1,517
% Worker's Compensation	%	0.44%	0.15%	0.00%	0.28%	0.59%	0.14%	0.28%	0.00%	0.00%
	#	5,286	57	0	296	4,248	63	464	0	0
% w/ commercial insurance	%	54.4%	47.2%	53.7%	47.7%	70.2%	49.3%	64.3%	48.2%	57.4%
	#	653,559	17,829	33,259	50,396	505,445	22,056	106,511	15,707	18,932
<u>2. Disease Prevalence</u>										
<u>Disease Prevalence: Chronic Conditions</u>										
% w/ MD diagnosed diabetes or high sugar	%	8.7%	8.2%	6.6%	6.1%	7.3%	6.4%	5.2%	8.3%	6.0%
	#	104,041	3,086	4,086	6,413	52,849	2,850	8,647	2,711	1,982

Table 3A – Western New York HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by The Community Health Foundation of Western and Central New York & The US Department of Health and Human Services

		WNY Region	Allegany	Cattaraugus	Chautauqua	Erie	Genesee	Niagara	Orleans	Wyoming
Description		Total	County	County	County	County	County	County	County	County
Population		1,201,397	37,775	62,002	105,652	720,008	44,740	165,648	32,589	32,983
% w/ MD diagnosed high blood pressure	%	26.5%	18.5%	19.9%	20.5%	21.0%	17.4%	20.4%	19.4%	19.4%
	#	317,770	6,996	12,314	21,669	150,842	7,794	33,792	6,319	6,409
% w/ MD diagnosed high cholesterol	%	22.9%	17.4%	18.4%	19.3%	20.3%	16.6%	17.3%	14.1%	18.1%
	#	274,759	6,558	11,415	20,412	145,802	7,445	28,723	4,608	5,953
% w/ MD diagnosed heart condition	%	9.7%	6.1%	9.3%	6.7%	8.1%	6.7%	6.0%	5.2%	8.3%
	#	116,536	2,289	5,735	7,036	58,609	2,993	9,939	1,682	2,738
% w/ MD diagnosed COPD	%	2.2%	2.5%	2.5%	1.0%	1.8%	1.2%	0.8%	1.0%	1.1%
	#	26,791	959	1,544	1,004	13,176	532	1,342	326	350
% w/ MD diagnosed Emphysema	%	2.0%	1.8%	1.9%	1.3%	1.8%	0.3%	1.0%	1.2%	1.1%
	#	23,547	665	1,153	1,363	12,960	148	1,673	381	356
% w/ MD diagnosed stroke	%	1.1%	0.6%	1.1%	0.8%	0.8%	0.7%	1.1%	0.8%	0.6%
	#	13,336	219	676	856	6,048	309	1,789	270	188
% w/ backpain MD diagnosed	%	21.9%	21.3%	21.9%	20.5%	20.8%	20.2%	16.9%	20.1%	20.7%
	#	262,505	8,057	13,597	21,669	149,474	9,051	27,978	6,541	6,818
% w/backpain NOT MD diagnosed	%	4.1%	4.0%	4.5%	3.5%	4.1%	3.2%	3.7%	3.5%	3.0%
	#	49,738	1,507	2,809	3,677	29,232	1,445	6,046	1,147	999
% w/MD diagnosed Lupus	%	0.7%	0.2%	0.4%	0.8%	0.7%	0.1%	1.1%	0.5%	0.6%
	#	8,890	57	248	792	5,184	63	1,872	176	181
% w/ MD diagnosed asthma	%	9.6%	7.5%	10.2%	7.5%	11.4%	7.2%	7.6%	6.9%	6.3%
	#	114,854	2,837	6,324	7,871	82,225	3,230	12,656	2,249	2,071
% w/ MD diagnosed arthritis	%	20.8%	15.7%	17.5%	18.8%	16.2%	14.5%	16.6%	14.8%	13.6%
	#	249,650	5,946	10,875	19,810	116,281	6,478	27,564	4,820	4,499
<u>Disease Prevalence: Mental Health</u>										
% w/ anxiety MD diagnosed	%	9.3%	11.1%	10.2%	10.9%	9.4%	9.1%	7.1%	8.6%	7.9%
	#	111,370	4,178	6,349	11,463	67,393	4,062	11,728	2,790	2,619
% w/ anxiety NOT MD diagnosed	%	1.7%	1.4%	1.6%	2.0%	1.1%	1.7%	3.4%	0.6%	1.5%
	#	20,304	518	998	2,071	7,560	778	5,566	205	508

Table 3A – Western New York HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by The Community Health Foundation of Western and Central New York & The US Department of Health and Human Services

		WNY Region	Allegany	Cattaraugus	Chautauqua	Erie	Genesee	Niagara	Orleans	Wyoming
		Total	County	County	County	County	County	County	County	County
Description										
Population		1,201,397	37,775	62,002	105,652	720,008	44,740	165,648	32,589	32,983
% w/ depression MD diagnosed	%	9.8%	13.3%	11.8%	12.1%	9.2%	9.0%	8.3%	9.3%	8.1%
	#	117,376	5,005	7,329	12,805	66,313	4,031	13,765	3,028	2,665
% w/ depression NOT MD diagnosed	%	1.8%	2.4%	2.0%	1.6%	1.6%	2.3%	2.3%	1.6%	2.2%
	#	21,986	910	1,234	1,701	11,160	1,033	3,860	528	719
<u>Disease Prevalence: Cancer</u>										
% w/ MD diagnosed cancer	%	3.0%	2.6%	1.7%	2.6%	2.1%	1.9%	2.1%	1.7%	1.7%
	#	36,162	975	1,042	2,726	14,760	855	3,396	554	551
<u>3. Family History:</u>										
<u>Family History: Heart Attack</u>										
% w/ parent/sibling premature hrt attack	%	22.7%	24.1%	21.5%	18.5%	20.9%	19.5%	19.7%	20.8%	19.9%
	#	272,116	9,089	13,343	19,577	150,410	8,702	32,682	6,769	6,564
% w/ mother/sister premature hrt attack	%	8.0%	9.3%	7.6%	6.6%	7.1%	6.6%	6.9%	7.5%	5.0%
	#	96,592	3,513	4,687	6,952	50,833	2,939	11,363	2,451	1,662
% w/ father/brother premature hrt attack	%	17.8%	18.9%	18.9%	14.5%	16.7%	16.1%	15.2%	15.9%	16.7%
	#	213,729	7,132	11,712	15,351	119,881	7,185	25,145	5,185	5,498
<u>Family History: Cancer</u>										
% w/ parent/sibling w/ cancer	%	36.1%	38.1%	34.0%	34.0%	31.3%	29.4%	37.8%	28.5%	28.8%
	#	433,224	14,373	21,068	35,911	225,003	13,140	62,665	9,301	9,512
<u>4. Preventive Care:</u>										
<u>Preventive Care: Flu Shots</u>										
% w/ flu shot within last year	%	36.4%	33.6%	24.4%	25.4%	33.4%	27.9%	32.1%	24.5%	23.9%
	#	437,789	12,685	15,104	26,825	240,339	12,496	53,223	7,994	7,870
% age 65+ w/ flu shot within last year	%	71.3%	76.1%	67.2%	63.1%	74.0%	73.3%	68.3%	74.1%	62.2%
	#	175,855	5,327	8,276	14,102	112,282	6,327	23,204	4,063	3,262
<u>Preventive Care: Pap Smear</u>										
% Female who have ever had PAP smear	%	97.7%	95.9%	96.8%	98.1%	97.3%	96.4%	98.4%	96.3%	97.1%
	#	617,474	18,293	31,269	53,968	373,179	22,089	86,115	16,115	14,432

Table 3A – Western New York HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by The Community Health Foundation of Western and Central New York & The US Department of Health and Human Services

		WNY Region	Allegany	Cattaraugus	Chautauqua	Erie	Genesee	Niagara	Orleans	Wyoming
Description		Total	County	County	County	County	County	County	County	County
Population		1,201,397	37,775	62,002	105,652	720,008	44,740	165,648	32,589	32,983
% Fem who have had PAP smear w/in 1 year	%	69.3%	64.3%	59.4%	66.5%	75.6%	66.3%	70.4%	66.9%	72.4%
	#	438,173	12,253	19,178	36,595	289,973	15,191	61,589	11,184	10,760
% Fem who have had PAP smear 1-3 years ago	%	17.5%	18.2%	27.1%	22.1%	13.6%	20.7%	17.8%	19.8%	13.2%
	#	110,475	3,467	8,764	12,145	52,018	4,751	15,609	3,317	1,957
% Fem who have had PAP smear over 3 years	%	10.9%	13.5%	10.3%	9.5%	8.1%	9.4%	10.2%	9.7%	11.6%
	#	68,826	2,573	3,327	5,228	31,188	2,147	8,925	1,614	1,716
% Fem who have had PAP within last 3 years	%	86.8%	82.4%	86.5%	88.6%	89.2%	87.1%	88.2%	86.7%	85.6%
	#	548,648	15,720	27,942	48,740	341,991	19,942	77,190	14,502	12,717
<u>Preventive Care: Clinical Breast Exam</u>										
% Fem 30+ who ever had clinical breast exam	%	97.2%	95.8%	96.6%	97.4%	97.0%	98.1%	98.1%	98.0%	97.1%
	#	502,316	13,735	25,181	43,077	305,317	18,741	70,542	13,423	11,986
% Fem 30+ had clinic breast exam w/in 1 year	%	74.5%	68.4%	60.2%	69.0%	79.8%	65.6%	78.8%	71.3%	73.9%
	#	384,835	9,800	15,703	30,488	251,276	12,533	56,654	9,768	9,128
% Fem 30+ had clinic breast exam 1-2 years	%	14.4%	15.3%	22.5%	18.7%	11.5%	21.2%	13.4%	14.5%	14.2%
	#	74,239	2,199	5,879	8,269	36,216	4,055	9,630	1,979	1,756
% Fem 30+ had clinic breast exam 2-4 years	%	6.2%	9.7%	6.9%	7.3%	4.5%	6.2%	4.3%	8.9%	6.9%
	#	32,134	1,388	1,797	3,215	14,077	1,188	3,057	1,223	847
% Fem 30+ had clinic breast exam over 4 years	%	2.1%	2.4%	6.9%	2.5%	1.2%	5.1%	1.7%	3.3%	2.1%
	#	11,004	347	1,800	1,105	3,716	965	1,208	452	254
<u>Preventive Care: Mammogram</u>										
% Fem 40+ who have ever had mammogram	%	95.1%	87.1%	91.0%	92.6%	96.5%	90.5%	93.6%	92.9%	92.3%
	#	381,501	9,750	18,665	32,635	236,431	13,146	52,088	9,184	8,565
% Fem 40+ had mammogram within 1 year	%	67.2%	59.5%	51.2%	61.5%	71.4%	55.1%	64.4%	60.2%	63.6%
	#	269,647	6,663	10,500	21,666	174,838	7,995	35,824	5,956	5,901
% Fem 40+ who had mammogram 1-2 years	%	16.1%	17.1%	20.6%	19.7%	14.6%	21.5%	17.8%	18.6%	19.0%
	#	64,754	1,917	4,225	6,939	35,707	3,123	9,905	1,843	1,760
% Fem 40+ who had mammogram 2-4 years	%	8.5%	7.1%	11.8%	8.8%	8.0%	9.5%	8.1%	12.0%	4.6%
	#	34,222	790	2,424	3,099	19,543	1,374	4,513	1,191	428

Table 3A – Western New York HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by The Community Health Foundation of Western and Central New York & The US Department of Health and Human Services

		WNY Region	Allegany	Cattaraugus	Chautauqua	Erie	Genesee	Niagara	Orleans	Wyoming
Description		Total	County	County	County	County	County	County	County	County
Population		1,201,397	37,775	62,002	105,652	720,008	44,740	165,648	32,589	32,983
% Fem 40+ had mammogram over 4 years ago	%	3.2%	3.4%	7.4%	2.6%	2.6%	4.5%	3.3%	2.0%	5.1%
	#	12,838	378	1,514	931	6,343	653	1,847	193	476
<u>Preventive Care: Breast & Mammogram</u>										
% Fem 40+ both breast/mammo w/in 2 years	%	78.9%	72.0%	66.7%	77.5%	81.5%	75.1%	78.0%	75.5%	78.9%
	#	316,667	8,054	13,681	27,332	199,622	10,901	43,419	7,470	7,319
% Fem 50+ both breast/mammo w/in 2 years	%	79.8%	75.0%	71.5%	79.1%	80.4%	79.4%	84.7%	74.8%	83.4%
	#	220,675	5,815	10,021	19,241	137,151	7,683	32,075	4,766	4,807
<u>Preventive Care: PSA Test</u>										
% Male 40+ who have ever had PSA test	%	66.5%	46.4%	64.0%	58.0%	59.7%	65.2%	63.4%	52.6%	61.7%
	#	225,525	4,794	11,705	17,635	119,820	8,441	30,363	4,688	5,966
% Male 40+ had PSA test within 1 year	%	37.8%	25.6%	37.6%	30.6%	32.3%	36.9%	37.2%	25.6%	30.3%
	#	128,081	2,644	6,879	9,318	64,831	4,782	17,780	2,284	2,926
% Male 40+ who had PSA test 1-2 years	%	18.8%	11.4%	17.9%	20.0%	17.5%	20.9%	13.4%	19.5%	21.6%
	#	63,888	1,180	3,278	6,071	35,066	2,704	6,423	1,737	2,087
% Male 40+ who had PSA test 2-3 years	%	5.3%	3.0%	4.3%	4.4%	4.3%	5.1%	9.2%	3.6%	8.1%
	#	17,982	308	794	1,336	8,576	659	4,384	316	785
% Male 40+ who had PSA test 3-5 years	%	2.1%	2.6%	0.5%	1.7%	2.8%	0.0%	1.7%	3.2%	1.7%
	#	6,989	264	84	511	5,684	0	828	289	168
% Male 40+ had PSA test over 5 years ago	%	1.3%	2.5%	1.8%	0.0%	1.5%	1.7%	0.9%	0.7%	0.0%
	#	4,479	256	320	0	3,093	220	412	61	0
<u>Preventive Care: DRE</u>										
%Male 40+ who have ever had DRE test	%	71.6%	63.6%	64.8%	61.6%	70.3%	74.5%	67.4%	58.7%	62.2%
	#	242,964	6,569	11,857	18,737	141,269	9,644	32,258	5,230	6,009
%Male 40+ had DRE test within 1 year	%	35.7%	22.7%	31.4%	24.8%	35.5%	36.5%	34.5%	20.1%	24.2%
	#	121,092	2,340	5,754	7,541	71,318	4,726	16,526	1,788	2,344
%Male 40+ had DRE test 1-2 years	%	22.0%	20.5%	21.0%	23.5%	19.4%	21.7%	18.2%	22.0%	22.3%
	#	74,542	2,115	3,838	7,136	38,983	2,816	8,706	1,964	2,155

Table 3A – Western New York HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by The Community Health Foundation of Western and Central New York & The US Department of Health and Human Services

		WNY Region	Allegany	Cattaraugus	Chautauqua	Erie	Genesee	Niagara	Orleans	Wyoming
Description		Total	County	County	County	County	County	County	County	County
Population		1,201,397	37,775	62,002	105,652	720,008	44,740	165,648	32,589	32,983
%Male 40+ had DRE test 2-3 years	%	7.3%	8.7%	6.8%	5.2%	7.0%	8.1%	8.9%	6.3%	9.0%
	#	24,836	894	1,246	1,579	13,978	1,053	4,236	565	871
%Male 40+ had DRE test 3-5 years	%	2.8%	4.2%	1.3%	2.8%	3.5%	3.1%	3.9%	6.9%	4.7%
	#	9,432	431	240	858	6,929	405	1,843	614	454
%Male 40+ had DRE over 5 years ago	%	3.2%	6.8%	3.6%	3.1%	4.3%	4.7%	2.0%	2.1%	1.4%
	#	10,688	705	650	946	8,536	610	948	184	133
5. Health Risk Behavior:										
Health Risk Behavior: Television Watching										
% Watch no TV	%	2.6%	5.4%	3.6%	5.2%	2.0%	3.2%	2.4%	1.6%	1.6%
	#	30,876	2,025	2,257	5,494	14,688	1,427	3,909	521	515
% Watch TV <1 hr	%	7.9%	11.4%	8.3%	9.3%	7.4%	6.4%	10.5%	7.4%	13.1%
	#	94,310	4,310	5,128	9,868	52,921	2,877	17,393	2,418	4,334
% Watch TV 1 hr	%	15.0%	16.8%	14.7%	13.2%	15.7%	20.0%	18.8%	18.3%	21.1%
	#	180,330	6,346	9,096	13,988	112,681	8,952	31,092	5,954	6,959
% Watch TV 2 hr	%	30.5%	30.3%	29.0%	26.1%	34.1%	32.0%	29.7%	31.1%	31.9%
	#	366,066	11,461	17,993	27,607	245,163	14,326	49,148	10,138	10,528
% Watch TV 3 hr	%	16.6%	15.0%	20.9%	18.0%	14.0%	16.0%	16.2%	21.3%	13.5%
	#	199,672	5,674	12,927	18,975	100,801	7,136	26,818	6,935	4,453
% Watch TV 4 hr	%	12.3%	8.7%	11.6%	13.4%	12.8%	11.7%	8.9%	10.4%	9.5%
	#	148,012	3,290	7,174	14,105	92,089	5,248	14,809	3,383	3,140
% Watch TV over 5 hr	%	15.2%	12.4%	12.0%	14.8%	14.1%	10.7%	13.6%	10.0%	9.3%
	#	182,252	4,673	7,422	15,615	101,737	4,774	22,478	3,243	3,054
Health Risk Behavior: Tobacco Use										
% who are regular smokers	%	23.6%	23.2%	30.7%	27.6%	25.3%	25.0%	28.1%	31.4%	30.4%
	#	284,010	8,752	19,004	29,107	182,090	11,203	46,481	10,236	10,030
% uninsured who are regular smokers	%	37.3%	30.8%	34.4%	36.5%	29.7%	43.1%	56.6%	52.0%	60.4%
	#	22,451	1,092	2,596	4,167	8,801	1,017	5,544	1,771	1,869

Table 3A – Western New York HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by The Community Health Foundation of Western and Central New York & The US Department of Health and Human Services

		WNY Region	Allegany	Cattaraugus	Chautauqua	Erie	Genesee	Niagara	Orleans	Wyoming
		Total	County	County	County	County	County	County	County	County
Description										
Population		1,201,397	37,775	62,002	105,652	720,008	44,740	165,648	32,589	32,983
% Inc <\$10K who are regular smokers	%	33.3%	42.3%	39.4%	41.4%	31.1%	23.7%	47.4%	39.2%	34.4%
	#	23,411	1,140	2,290	3,224	11,707	349	4,766	346	411
% who are chewing tobacco or snuff	%	1.4%	5.7%	4.5%	1.9%	1.1%	2.3%	1.3%	1.5%	2.9%
	#	16,459	2,157	2,802	1,965	7,776	1,029	2,104	479	960
% who are current pipe or cigar smokers	%	4.5%	4.5%	2.6%	4.7%	5.2%	4.0%	5.1%	2.7%	4.0%
	#	53,582	1,707	1,581	4,976	37,152	1,799	8,448	893	1,313
Health Risk Behavior: Alcohol Use										
% households with anyone who drinks	%	47.9%	46.0%	43.8%	47.7%	51.0%	48.9%	48.4%	52.1%	48.2%
	#	575,469	17,376	27,156	50,396	367,204	21,877	80,173	16,978	15,897
% uninsured households with anyone who drinks	%	49.0%	54.5%	59.1%	47.7%	30.0%	50.0%	57.1%	50.0%	62.5%
	#	588,604	20,605	36,638	50,413	216,002	22,370	94,656	16,295	20,614
% income less 10K with anyone who drinks	%	33.3%	43.3%	23.5%	47.7%	33.3%	46.2%	36.0%	50.0%	26.3%
	#	425,988	16,369	14,589	50,413	240,003	20,649	59,633	16,295	8,680
% HHs w/ positive CAGE screen (score 2+)	%	11.2%	8.4%	11.4%	9.4%	12.3%	10.3%	10.9%	5.6%	6.4%
	#	70,334	1,520	3,647	5,141	46,924	2,350	9,566	865	954
% uninsured Househlds w/ positive CAGE	%	5.2%	4.5%	0.0%	9.5%	5.0%	6.3%	7.1%	0.0%	0.0%
	#	627,77.67	1,717	0	10,062	36,000	2,796	11,832	0	0
% Income <\$10K HHs w/ positive CAGE screen	%	3.1%	0.0%	26.7%	10.0%	0.0%	0.0%	0.0%	11.1%	0.0%
	#	1,488	0	985	596	0	0	0	78	0
Health Risk Behavior: Drug Use										
% Househlds w/ someone ever used marijuana	%	26.3%	26.1%	19.6%	22.5%	28.8%	21.8%	23.2%	23.0%	22.5%
	#	164,843	4,693	6,277	12,250	109,768	4,966	20,371	3,533	3,354
% HHs w/ someone ever used crack/heroin	%	5.9%	3.8%	4.4%	6.6%	6.4%	6.5%	3.9%	4.2%	7.1%
	#	36,952	690	1,396	3,598	24,528	1,489	3,452	650	1,058
% HHs w/ person used needle to take drugs	%	0.9%	0.3%	0.7%	2.2%	1.0%	0.6%	0.0%	0.7%	0.3%
	#	5,762	58	215	1,183	3,923	143	0	100	48

Table 3A – Western New York HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by The Community Health Foundation of Western and Central New York & The US Department of Health and Human Services

		WNY Region Total	Allegany County	Cattaraugus County	Chautauqua County	Erie County	Genesee County	Niagara County	Orleans County	Wyoming County
Description										
Population		1,201,397	37,775	62,002	105,652	720,008	44,740	165,648	32,589	32,983
<u>Health Risk Behavior: Violence Exposure</u>										
% HHs w/anyone witness/invol in violence	%	5.4%	7.2%	3.3%	4.6%	5.4%	5.5%	6.4%	5.1%	4.2%
	#	33,507	1,298	1,057	2,519	20,453	1,261	5,587	790	622
<u>Health Risk Behavior: Seat Belt Use</u>										
% No front seat belt use most times	%	2.1%	2.8%	1.8%	1.5%	2.3%	1.8%	1.6%	3.5%	1.1%
	#	24,732	1,042	1,129	1,609	16,616	816	2,640	1,143	357
% No back seat belt use most times	%	4.1%	4.5%	4.9%	5.2%	3.5%	5.3%	2.2%	3.3%	3.2%
	#	48,927	1,693	3,049	5,542	24,923	2,374	3,630	1,086	1,072
<u>Health Risk Behavior: Weight Control</u>										
% who are healthy weight	%	36.9%	34.0%	37.1%	41.0%	38.8%	35.0%	39.7%	36.4%	39.4%
	#	443,195	12,825	23,015	43,328	279,219	15,677	65,696	11,856	12,999
% uninsured who are healthy weight	%	44.1%	37.4%	39.1%	41.9%	50.2%	24.1%	38.4%	61.8%	46.9%
	#	26,538	1,328	2,956	4,786	14,883	568	3,754	2,106	1,451
% Inc <\$10K who are healthy weight	%	35.2%	33.7%	37.6%	32.2%	34.6%	41.7%	37.2%	30.6%	35.5%
	#	24,746	908	2,185	2,506	13,025	616	3,736	271	424
% who are over weight	%	36.9%	34.5%	38.5%	35.4%	35.1%	36.7%	34.1%	35.3%	35.4%
	#	443,556	13,047	23,871	37,348	252,435	16,397	56,469	11,494	11,666
% uninsured who are over weight	%	28.8%	27.8%	38.0%	29.9%	19.6%	31.1%	37.5%	22.6%	39.3%
	#	17,329	986	2,871	3,419	5,808	734	3,675	769	1,215
% Inc <\$10K who are over weight	%	22.7%	18.6%	26.5%	27.0%	19.7%	10.3%	36.8%	31.0%	12.2%
	#	15,919	502	1,539	2,104	7,407	152	3,695	273	145
% who are obese	%	23.7%	28.8%	22.0%	22.3%	22.8%	25.5%	23.4%	26.1%	22.6%
	#	285,212	10,894	13,640	23,603	164,018	11,422	38,828	8,493	7,448
% uninsured who are obese	%	25.8%	27.1%	20.6%	28.2%	30.3%	39.6%	24.1%	13.2%	9.3%
	#	15,541	963	1,555	3,226	8,973	936	2,360	450	286
% Inc <\$10K who are obese	%	38.9%	47.6%	32.6%	37.1%	39.7%	40.7%	26.1%	29.8%	41.1%
	#	27,333	1,283	1,895	2,887	14,942	601	2,624	263	490

Table 3A – Western New York HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by The Community Health Foundation of Western and Central New York & The US Department of Health and Human Services

		WNY Region Total	Allegany County	Cattaraugus County	Chautauqua County	Erie County	Genesee County	Niagara County	Orleans County	Wyoming County
Description										
Population		1,201,397	37,775	62,002	105,652	720,008	44,740	165,648	32,589	32,983
% who perceive they are overweight	%	56.4%	61.1%	53.7%	51.9%	55.6%	52.5%	56.5%	52.3%	54.5%
	#	677,948	23,073	33,264	54,823	400,396	23,480	93,558	17,057	17,982
% who perceive they are underweight	%	2.6%	2.8%	5.1%	5.3%	2.2%	2.7%	2.2%	2.4%	3.2%
	#	31,116	1,039	3,131	5,642	16,128	1,195	3,661	776	1,062
% who perceive they are just about right	%	41.0%	36.2%	41.3%	42.8%	42.2%	44.9%	41.3%	45.3%	42.3%
	#	492,332	13,659	25,607	45,187	303,555	20,066	68,429	14,756	13,939
Health Risk Behavior: Diet										
% eating < 5 servings veg & fruit daily	%	90.6%	88.1%	91.7%	93.1%	89.9%	87.7%	94.3%	93.0%	91.2%
	#	1,088,105	33,295	56,881	98,383	647,359	39,237	156,256	30,295	30,094
% using 2% or whole milk	%	28.4%	30.7%	31.7%	31.5%	22.1%	24.9%	25.5%	27.7%	32.3%
	#	340,875	11,593	19,651	33,251	159,233	11,129	42,237	9,033	10,657
% using skim milk or 1% milk	%	18.5%	15.7%	15.1%	16.6%	23.7%	20.6%	21.7%	18.9%	16.1%
	#	221,784	5,927	9,374	17,519	170,310	9,200	35,967	6,175	5,299
6. Primary Prevention Targets:										
Primary Prevention Targets: Pre-Dx Heart Cond										
% without Hrt Dx who are over weight	%	36.4%	35.1%	38.1%	35.0%	34.4%	36.9%	34.6%	35.3%	34.3%
	#	394,673	12,463	21,449	34,535	227,588	15,421	53,938	10,904	10,359
% w/o Hrt Dx who are obese	%	22.8%	28.0%	20.7%	21.5%	21.5%	24.8%	23.2%	25.0%	21.4%
	#	247,348	9,922	11,642	21,212	141,870	10,341	36,171	7,724	6,479
% w/o Hrt Dx who smoke	%	24.4%	24.0%	30.7%	26.0%	26.1%	25.7%	28.1%	31.8%	30.4%
	#	264,489	8,527	17,280	25,650	172,890	10,721	43,692	9,822	9,201
% w/o Hrt Dx who have MD diagnosed high BP	%	22.9%	15.1%	16.5%	18.3%	17.5%	14.8%	17.9%	16.9%	15.7%
	#	248,216	5,355	9,278	18,066	115,745	6,191	27,919	5,220	4,755
% w/o Hrt Dx who have MD diag high cholesterol	%	20.3%	14.9%	14.5%	15.9%	17.9%	13.4%	14.8%	12.3%	15.8%
	#	220,552	5,273	8,164	15,709	118,523	5,586	23,092	3,802	4,770
% w/o Hrt Dx w/ Fam Hist of Hrt Dx	%	20.3%	22.3%	19.2%	16.6%	18.9%	17.5%	18.3%	18.7%	17.9%
	#	220,661	7,917	10,820	16,321	124,674	7,297	28,417	5,774	5,414

Table 3A – Western New York HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by The Community Health Foundation of Western and Central New York & The US Department of Health and Human Services

		WNY Region	Allegany	Cattaraugus	Chautauqua	Erie	Genesee	Niagara	Orleans	Wyoming
		Total	County	County	County	County	County	County	County	County
Description										
Population		1,201,397	37,775	62,002	105,652	720,008	44,740	165,648	32,589	32,983
% w/o Hrt Dx w/ no medical visit 3+ yrs	%	2.9%	4.7%	3.6%	3.4%	2.5%	4.5%	3.6%	2.2%	4.1%
	#	31,027	1,682	2,014	3,313	16,403	1,874	5,668	692	1,228
% w/o Hrt Dx w/ one risk	%	78.4%	78.6%	79.1%	76.0%	75.0%	78.9%	75.5%	81.7%	79.7%
	#	850,531	27,874	44,524	74,918	495,719	32,938	117,483	25,251	24,097
% w/o Hrt Dx w/ two risks	%	44.3%	40.3%	42.8%	39.2%	41.3%	39.8%	41.7%	41.9%	40.6%
	#	480,594	14,294	24,071	38,647	272,827	16,599	64,962	12,963	12,265
% w/o Hrt Dx w/ three or more risks	%	15.5%	12.5%	11.3%	11.7%	14.9%	11.2%	13.3%	14.8%	14.3%
	#	168,587	4,439	6,369	11,499	98,615	4,680	20,725	4,559	4,334
Primary Prevention: Breast Cancer										
% Fem 40+ w/o Breast Cancer who smoke	%	21.4%	21.9%	20.2%	22.2%	18.0%	16.8%	20.5%	26.2%	24.7%
	#	256,556	8,287	12,532	23,420	129,525	7,530	33,883	8,543	8,159
% F40+w/o Breast Cancer w/Fam Hist Breast Can	%	19.1%	25.0%	27.1%	20.7%	14.8%	17.8%	15.9%	17.5%	13.7%
	#	229,428	9,444	16,820	21,859	106,668	7,973	26,353	5,695	4,513
% F40+w/o Breast Cancer w/o Brst/Mam lst 2 yr	%	73.7%	74.5%	67.6%	72.4%	76.2%	72.8%	73.9%	74.3%	78.4%
	#	885,933	28,139	41,884	76,507	548,578	32,558	122,354	24,204	25,866
% Fem 40+ w/o Breast Cancer w/ one risk	%	35.7%	31.1%	42.6%	32.0%	38.6%	35.6%	30.1%	35.9%	39.5%
	#	428,627	11,757	26,384	33,829	278,098	15,947	49,883	11,707	13,020
% Fem 40+ w/o Breast Cancer w/ two risks	%	23.0%	28.1%	23.4%	27.1%	23.8%	19.8%	23.3%	20.4%	17.9%
	#	275,934	10,600	14,511	28,625	171,430	8,859	38,588	6,644	5,902
% Fem 40+ w/o Breast Cancer w/ three risks	%	5.2%	8.7%	4.3%	3.9%	5.3%	5.9%	6.3%	3.9%	3.7%
	#	62,783	3,276	2,638	4,164	38,096	2,658	10,353	1,266	1,215
7. Secondary Prevention Targets:										
Secondary Prevention Targets:Heart Conditions										
% Heart Disease indiv who are over weight	%	42.3%	29.7%	40.4%	40.2%	43.2%	33.6%	27.2%	31.9%	51.2%
	#	49,271	681	2,317	2,826	25,301	1,006	2,707	536	1,401
% Heart Disease indiv who are obese	%	30.1%	37.1%	35.1%	31.4%	33.7%	34.3%	25.2%	47.0%	30.0%
	#	35,019	848	2,013	2,212	19,734	1,026	2,507	790	822

Table 3A – Western New York HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by The Community Health Foundation of Western and Central New York & The US Department of Health and Human Services

		WNY Region	Allegany	Cattaraugus	Chautauqua	Erie	Genesee	Niagara	Orleans	Wyoming
Description		Total	County	County	County	County	County	County	County	County
Population		1,201,397	37,775	62,002	105,652	720,008	44,740	165,648	32,589	32,983
% Heart Disease indiv who smoke	%	15.9%	11.9%	28.2%	47.0%	13.8%	16.6%	27.0%	20.6%	31.1%
	#	18,576	272	1,619	3,310	8,106	497	2,685	346	852
% Heart Dx w/ last medical visit 3+ years	%	0.22%	0.00%	0.00%	3.28%	0.00%	0.00%	0.00%	0.00%	1.78%
	#	256	0	0	231	0	0	0	0	49
% Heart Dx w/ MD diagnosed diabetes	%	22.2%	32.4%	30.0%	22.1%	18.7%	38.9%	19.5%	30.7%	19.2%
	#	25,871	741	1,719	1,557	10,931	1,163	1,937	516	525
% Heart Dx w/ anxiety or depression	%	23.8%	32.7%	39.5%	37.0%	21.9%	26.5%	26.6%	33.4%	22.0%
	#	27,700	749	2,264	2,605	12,841	793	2,643	562	601
% Heart Dx individuals w/ one risk	%	93.6%	88.5%	91.6%	97.9%	94.0%	90.6%	89.8%	87.7%	95.4%
	#	109,112	2,025	5,254	6,891	55,110	2,711	8,921	1,474	2,611
% Heart Dx individuals w/ two risks	%	68.9%	82.4%	71.9%	80.9%	66.6%	68.0%	56.5%	85.2%	79.2%
	#	80,246	1,886	4,124	5,693	39,057	2,034	5,617	1,433	2,167
% Heart Dx indiv w/ three or more risks	%	32.8%	39.4%	35.6%	47.9%	31.7%	37.1%	38.0%	46.3%	38.6%
	#	38,212	902	2,039	3,370	18,597	1,109	3,778	778	1,055
Secondary Prevention Targets: Diabetes										
% diabetics who are over weight	%	30.6%	24.3%	37.4%	34.2%	25.4%	36.2%	27.5%	29.4%	28.5%
	#	31,837	750	1,529	2,192	13,408	1,032	2,381	797	564
% diabetics who are obese	%	53.9%	61.0%	51.7%	50.2%	61.6%	44.0%	49.5%	50.9%	49.6%
	#	56,068	1,884	2,110	3,217	32,549	1,255	4,279	1,380	982
% diabetics who smoke	%	10.0%	23.5%	18.8%	14.7%	8.3%	15.3%	12.7%	27.0%	18.8%
	#	10,446	724	766	942	4,376	435	1,102	732	372
% diabetics w/ last medical visit 2+ years	%	0.13%	2.93%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.34%
	#	135	90	0	0	0	0	0	0	46
% diabetics w/ MD diagnosed heart condition	%	25.0%	24.0%	41.2%	25.1%	21.0%	41.7%	21.1%	19.9%	26.5%
	#	26,041	739	1,684	1,607	11,119	1,188	1,825	539	524
% diabetics w/ anxiety or depression	%	14.9%	30.0%	28.3%	22.4%	12.0%	24.5%	18.4%	17.7%	14.0%
	#	15,502	926	1,155	1,436	6,331	698	1,587	479	278

Table 3A – Western New York HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by The Community Health Foundation of Western and Central New York & The US Department of Health and Human Services

		WNY Region Total	Allegany County	Cattaraugus County	Chautauqua County	Erie County	Genesee County	Niagara County	Orleans County	Wyoming County
Description										
Population		1,201,397	37,775	62,002	105,652	720,008	44,740	165,648	32,589	32,983
% diabetics w/ one risk	%	90.2%	90.6%	82.9%	84.3%	93.5%	83.6%	80.8%	84.3%	80.7%
	#	93,887	2,796	3,389	5,407	49,398	2,382	6,987	2,285	1,600
% diabetics w/ two risks	%	33.2%	52.7%	56.3%	35.2%	28.0%	42.4%	42.0%	46.0%	35.7%
	#	34,542	1,625	2,300	2,257	14,803	1,208	3,633	1,246	707
% diabetics w/ three or more risks	%	11.4%	14.9%	26.5%	24.0%	6.6%	24.4%	9.2%	17.6%	15.3%
	#	11,840	459	1,081	1,537	3,488	694	797	476	303
8. Health Perceptions:										
Health Perceptions: Percvd Health Status										
% describing current health as excellent	%	19.1%	20.3%	15.4%	16.7%	21.4%	21.7%	23.2%	19.3%	18.7%
	#	229,827	7,676	9,573	17,665	154,010	9,691	38,397	6,296	6,165
% describing current health as very good	%	34.1%	30.4%	32.1%	35.3%	34.9%	35.9%	32.5%	33.0%	36.9%
	#	409,556	11,480	19,896	37,274	251,499	16,066	53,753	10,754	12,154
% describing current health as good	%	30.7%	33.3%	35.1%	33.4%	27.8%	31.0%	29.1%	37.6%	32.4%
	#	368,829	12,564	21,738	35,246	200,162	13,856	48,220	12,253	10,683
% describing current health as fair	%	10.9%	12.2%	12.1%	9.9%	9.9%	9.6%	12.2%	7.8%	9.4%
	#	130,352	4,620	7,527	10,502	71,497	4,295	20,176	2,548	3,094
% describing current health as poor	%	5.2%	3.8%	5.3%	4.7%	6.0%	1.9%	3.1%	2.3%	2.7%
	#	62,833	1,432	3,261	4,987	42,912	832	5,102	733	887
% uninsured describing health as poor	%	2.5%	1.7%	5.4%	0.0%	0.0%	4.3%	5.8%	3.7%	8.1%
	#	1,475	59	406	0	0	102	571	125	250
% Inc <\$10K describing health as poor	%	14.8%	8.0%	17.3%	9.3%	17.9%	3.4%	7.2%	5.1%	13.6%
	#	10,402	216	1,004	720	6,737	50	720	45	162
Health Perceptions: Emotional Problems										
% doing < like due to emotional problems	%	10.7%	12.1%	13.5%	13.1%	10.0%	10.9%	11.6%	7.8%	6.2%
	#	128,309	4,586	8,352	13,798	71,785	4,868	19,265	2,535	2,055

Table 3A – Western New York HRA Estimates and Population Impact

Sponsored by the Western New York Public Health Alliance and Health for All

Funded by The Community Health Foundation of Western and Central New York & The US Department of Health and Human Services

		WNY Region	Allegany	Cattaraugus	Chautauqua	Erie	Genesee	Niagara	Orleans	Wyoming
Description		Total	County	County	County	County	County	County	County	County
Population		1,201,397	37,775	62,002	105,652	720,008	44,740	165,648	32,589	32,983
9. Socio-Economics:										
<u>Socio-Economics: Employment Status</u>										
% employed full-time	%	48.2%	50.2%	50.2%	50.8%	54.7%	51.3%	53.7%	51.8%	50.2%
	#	579,434	18,974	31,100	53,671	393,628	22,970	88,870	16,891	16,567
% employed part-time	%	10.1%	9.6%	9.8%	9.1%	11.2%	13.4%	10.2%	11.9%	12.6%
	#	121,702	3,611	6,101	9,614	80,713	5,995	16,813	3,868	4,143
% self-employed	%	4.3%	8.2%	4.3%	8.1%	3.0%	4.8%	2.9%	6.6%	9.0%
	#	51,059	3,090	2,647	8,558	21,312	2,156	4,787	2,157	2,975
% unemployed	%	37.4%	32.0%	35.7%	32.0%	31.2%	30.4%	33.3%	29.7%	28.2%
	#	449,082	12,099	22,153	33,809	224,354	13,614	55,161	9,672	9,301
<u>Socio-Economics: Unemployment Status</u>										
% unemployed who are retired	%	53.7%	39.9%	33.6%	37.1%	43.8%	37.7%	41.4%	33.8%	40.9%
	#	241,202	4,826	7,444	12,526	98,357	5,129	22,809	3,273	3,804
% unemployed who are disabled	%	18.7%	24.3%	26.5%	25.7%	19.8%	16.2%	20.0%	20.3%	16.2%
	#	84,068	2,940	5,860	8,696	44,400	2,200	11,027	1,964	1,508
% unemployed who are homemakers	%	15.9%	21.4%	18.5%	16.5%	21.0%	22.6%	20.9%	25.5%	19.3%
	#	71,269	2,587	4,107	5,582	47,002	3,078	11,501	2,465	1,795
% unemployed who are students	%	5.8%	7.6%	8.8%	8.5%	9.6%	16.0%	6.7%	8.7%	11.3%
	#	26,092	913	1,947	2,880	21,493	2,177	3,701	840	1,049
% unemployed who are looking for work	%	5.0%	4.6%	11.9%	9.8%	5.4%	7.1%	8.2%	11.2%	11.8%
	#	22,454	559	2,641	3,327	12,115	969	4,501	1,082	1,097
% unempl, unemployed for less than 6 mon	%	6.9%	12.5%	11.5%	14.1%	5.2%	11.8%	16.7%	16.7%	17.1%
	#	31,032	1,509	2,556	4,764	11,756	1,609	9,184	1,610	1,592
% unempl, unemployed for 6+ months	%	93.1%	87.5%	88.5%	85.9%	94.8%	88.2%	83.4%	83.4%	82.9%
	#	418,051	10,591	19,597	29,045	212,598	12,005	45,977	8,062	7,709
<u>Socio-Economics: Household Income</u>										
% Hseholds w/ income < \$10,0000	%	7.8%	9.6%	11.5%	10.9%	7.1%	4.1%	8.9%	4.6%	6.2%
	#	48,789	1,725	3,692	5,964	27,004	922	7,845	701	917

Table 3A – Western New York HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by The Community Health Foundation of Western and Central New York & The US Department of Health and Human Services

		WNY Region Total	Allegany County	Cattaraugus County	Chautauqua County	Erie County	Genesee County	Niagara County	Orleans County	Wyoming County
Description										
Population		1,201,397	37,775	62,002	105,652	720,008	44,740	165,648	32,589	32,983
% Hseholds w/ income \$10,0000 - \$29,999	%	25.7%	24.5%	33.1%	29.4%	31.5%	29.2%	34.1%	32.5%	40.3%
	#	160,960	4,405	10,612	16,038	120,089	6,644	29,912	4,999	6,003
% Hseholds w/ income \$30,0000 - \$49,999	%	25.7%	33.6%	29.0%	24.9%	31.6%	30.9%	31.4%	32.9%	25.9%
	#	160,647	6,058	9,283	13,563	120,204	7,029	27,540	5,047	3,855
% Hseholds w/ income \$50,0000+	%	31.6%	28.4%	22.6%	30.9%	22.6%	25.1%	20.6%	20.6%	14.5%
	#	197,599	5,122	7,244	16,856	85,887	5,722	18,096	3,166	2,163
% HHs w/ someone receiving public assist	%	13.4%	13.7%	18.6%	14.6%	7.3%	6.6%	8.8%	6.8%	11.8%
	#	83,800	2,474	5,947	7,970	27,689	1,491	7,722	1,046	1,751
% adults in HHs w/ HH income < \$10K	%	5.9%	7.1%	9.4%	7.4%	5.2%	3.3%	6.1%	2.7%	3.6%
	#	70,282	2,693	5,810	7,787	37,656	1,476	10,055	883	1,194
% adults in HHs recieving public assistance	%	12.4%	13.5%	18.9%	15.3%	12.6%	9.4%	11.4%	10.0%	9.8%
	#	148,613	5,088	11,743	16,207	90,361	4,183	18,851	3,246	3,246

Table 3B – Supplemental Sample HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

		WNY Region Total	Supplemental Samples				
Description			Erie West Side	Erie East Side	Niagara Falls	Dunkirk	Jamestown
		1,201,397	39,689	97,321	41,704	16,097	42,094
<u>1. Access: Source of Care & Last Medical Visit</u>							
<u>Access: Place of Regular Care</u>							
% w/ source of regular care	%	95.2%	88.7%	95.2%	92.9%	98.0%	98.1%
	#	1,143,129	35,200	92,601	38,739	15,773	41,294
% w/ reg source using Doc office	%	74.4%	61.0%	54.2%	70.4%	79.3%	58.6%
	#	893,239	24,206	52,738	29,343	12,762	24,667
% w/reg source using clinic or health center	%	14.6%	28.6%	21.1%	8.9%	2.3%	18.8%
	#	93,709	3,755	21,148	5,993	2,455	8,486
% w/ reg source using hospital outpat	%	7.8%	9.5%	21.7%	14.4%	15.3%	20.2%
	#	93,709	3,755	21,148	5,993	2,455	8,486
<u>Access: No Reg Source of Care</u>							
% w/ no reg source of care	%	4.9%	11.3%	4.9%	7.1%	2.0%	1.9%
	#	58,268	4,489	4,720	2,965	324	800
% Uninsured w/ no reg source	%	19.2%	56.4%	14.4%	26.1%	12.2%	3.9%
	#	230,788	22,385	13,975	10,901	1,957	1,621
% Inc <\$10K w/ no reg source	%	1.8%	8.5%	0.0%	10.0%	0.0%	0.0%
	#	21,986	3,370	0	4,170	0	0
% Medicaid w/ no reg source	%	5.9%	0.0%	3.4%	15.7%	0.0%	0.0%
	#	70,762	0	3,260	6,560	0	0
% Medicare w/ no reg source	%	2.7%	0.0%	0.0%	2.8%	0.0%	0.0%
	#	32,798	0	0	1,180	0	0
% regular user of hospital ER	%	2.8%	0.5%	3.0%	2.9%	3.1%	2.2%
	#	34,120	194	2,910	1,197	504	939
% Uninsured regular user of hosp ER	%	4.3%	8.2%	0.0%	26.4%	6.6%	6.4%
	#	51,540	3,254	0	11,018	1,064	2,677
% Medicaid & regular user of hosp ER	%	7.3%	0.0%	8.8%	0.0%	0.0%	18.8%
	#	87,942	0	8,574	0	0	7,918

Table 3B – Supplemental Sample HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

		WNY	Supplemental Samples				
		Region	Erie	Erie	Niagara	Dunkirk	Jamestown
Description		Total	West Side	East Side	Falls		
		1,201,397	39,689	97,321	41,704	16,097	42,094
% Insured & regular user of hosp ER	%	2.8%	0.0%	3.3%	0.0%	2.8%	1.8%
	#	34,000	0	3,231	0	456	758
% Income <\$10K regular user of hosp ER	%	4.4%	0.0%	12.4%	6.1%	0.0%	15.2%
	#	53,222	0	12,019	2,556	0	6,402
% Medicare regular user of hosp ER	%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%
	#	9,491	0	0	0	0	0
<u>Access: Last Medical Visit</u>							
% w/ last visit under 6 months	%	75.2%	68.4%	73.2%	69.3%	68.9%	66.8%
	#	903,931	27,143	71,278	28,893	11,084	28,106
% w/ last visit 6 month - 1 year	%	14.9%	19.0%	14.4%	14.4%	19.6%	14.4%
	#	179,248	7,533	14,043	6,010	3,157	6,062
% w/ last visit 1 year - 2 years	%	4.5%	5.7%	6.2%	8.9%	5.9%	8.7%
	#	54,423	2,254	6,044	3,716	955	3,654
% w/ last visit 2 years - 3 years	%	2.4%	1.5%	2.9%	2.9%	3.5%	3.5%
	#	28,473	595	2,813	1,214	560	1,465
% w/ last visit more than 3 years	%	2.7%	5.5%	3.2%	4.5%	2.1%	6.7%
	#	32,077	2,167	3,153	1,873	341	2,808
% Uninsured w/ last visit 3+ years	%	13.8%	18.1%	18.1%	25.8%	12.0%	6.2%
	#	165,192	7,192	17,615	10,772	1,928	2,597
% Income <\$10K w/ last visit 3+ years	%	2.4%	0.0%	0.0%	12.7%	11.1%	0.0%
	#	29,074	0	0	5,309	1,792	0
% w/ last visit for checkup	%	66.8%	71.9%	75.9%	65.2%	70.9%	71.7%
	#	802,413	28,540	73,867	27,178	11,414	30,194
% Uninsured w/ last visit for checkup	%	49.4%	64.3%	74.3%	51.0%	62.7%	71.6%
	#	593,010	25,504	72,290	21,248	10,098	30,131
% Medicaid w/ last visit for checkup	%	55.8%	75.2%	75.9%	56.2%	69.5%	69.2%
	#	670,740	29,858	73,876	23,429	11,181	29,125

Table 3B – Supplemental Sample HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

		WNY	Supplemental Samples				
		Region	Erie	Erie	Niagara	Dunkirk	Jamestown
Description		Total	West Side	East Side	Falls		
		1,201,397	39,689	97,321	41,704	16,097	42,094
% Income <\$10K w/ last visit for checkup	%	61.1%	71.3%	69.1%	49.4%	57.3%	62.5%
	#	734,054	28,302	67,278	20,610	9,228	26,309
% w/ last visit for medical problem	%	32.9%	28.1%	24.1%	34.8%	29.1%	28.3%
	#	395,740	11,149	23,454	14,526	4,683	11,900
<u>Access: Insurance Status</u>							
% uninsured	%	5.0%	12.5%	10.0%	13.9%	10.1%	10.0%
	#	60,190	4,965	9,693	5,780	1,619	4,218
% of adults under 65 uninsured	%	6.1%	14.0%	12.6%	15.3%	11.8%	12.3%
	#	73,525	5,572	12,282	6,364	1,903	5,194
% of employed FT who are uninsured	%	4.6%	15.3%	10.4%	15.7%	10.0%	10.3%
	#	54,784	6,068	10,112	6,535	1,613	4,327
% Income <\$10K who are employed & uninsured	%	7.7%	10.6%	10.2%	10.4%	5.5%	5.5%
	#	92,027	4,219	9,936	4,316	879	2,298
% Income <\$10K who are employed & insured	%	13.0%	18.3%	18.3%	16.5%	10.0%	10.0%
	#	156,662	7,247	17,781	6,877	1,603	4,193
% Medicaid	%	5.9%	18.4%	15.9%	10.8%	6.5%	5.2%
	#	156,662	7,247	17,781	6,877	1,603	4,193
% Medicare	%	9.8%	9.9%	12.2%	12.5%	10.1%	15.3%
	#	117,857	3,933	11,854	5,200	1,632	6,436
% Worker's Compensation	%	0.44%	0.45%	0.00%	0.56%	0.00%	0.00%
	#	5,286	179	0	234	0	0
% with commerical insurance	%	58.5%	38.9%	46.0%	37.8%	60.9%	60.9%
	#	702,937	15,431	44,748	15,747	9,806	25,644
<i>2. Disease Prevalence</i>							
<u>Disease Prevalence: Chronic Conditions</u>							
% w/ MD diagnosed diabetes or high sugar	%	8.7%	7.0%	12.7%	9.1%	9.7%	11.1%
	#	104,041	2,766	12,379	3,803	1,561	4,656

Table 3B – Supplemental Sample HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

		WNY Region Total	Supplemental Samples				
			Erie West Side	Erie East Side	Niagara Falls	Dunkirk	Jamestown
Description							
		1,201,397	39,689	97,321	41,704	16,097	42,094
% w/ MD diagnosed high blood pressure	%	26.5%	13.6%	33.1%	20.9%	17.4%	20.6%
	#	317,770	5,406	32,174	8,716	2,806	8,676
% w/ MD diagnosed high cholesterol	%	22.9%	13.4%	21.0%	18.0%	18.6%	18.9%
	#	274,759	5,306	20,457	7,498	2,988	7,973
% w/ MD diagnosed heart condition	%	9.7%	5.0%	7.0%	7.8%	6.1%	6.0%
	#	116,536	1,980	6,822	3,270	977	2,538
% w/ MD diagnosed COPD	%	2.23%	1.64%	0.86%	3.10%	0.69%	2.28%
	#	26,791	651	837	1,293	111	960
% w/ MD diagnosed Emphysema	%	1.96%	0.44%	1.01%	2.96%	1.10%	1.43%
	#	23,547	175	983	1,234	177	602
% w/ MD diagnosed stroke	%	1.11%	0.00%	0.30%	0.79%	1.23%	1.42%
	#	13,336	0	292	329	198	598
% w/ backpain MD diagnosed	%	21.9%	23.1%	24.1%	31.1%	20.3%	16.7%
	#	262,505	9,184	23,445	12,982	3,266	7,013
% w/ backpain NOT MD diagnosed	%	21.9%	4.4%	3.0%	0.0%	1.8%	2.1%
	#	262,505	1,746	2,939	0	283	897
% w/ MD diagnosed Lupus	%	0.74%	0.00%	0.00%	0.55%	0.89%	0.00%
	#	8,890	0	0	229	143	0
% w/ MD diagnosed asthma	%	9.6%	10.0%	6.6%	7.2%	7.1%	6.0%
	#	114,854	3,985	6,413	2,999	1,146	2,513
% w/ MD diagnosed arthritis	%	20.8%	14.3%	18.7%	22.8%	15.6%	17.2%
	#	249,650	5,687	18,170	9,504	2,511	7,219
<u>Disease Prevalence: Mental Health</u>							
% w/ anxiety MD diagnosed	%	9.3%	12.9%	7.0%	15.1%	11.2%	9.5%
	#	111,370	5,100	6,842	6,314	1,795	4,016
% w/ anxiety NOT MD diagnosed	%	1.7%	2.5%	2.2%	1.4%	1.9%	1.8%
	#	20,304	1,008	2,170	580	309	770

Table 3B – Supplemental Sample HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

		WNY	Supplemental Samples				
		Region	Erie	Erie	Niagara	Dunkirk	Jamestown
Description		Total	West Side	East Side	Falls		
		1,201,397	39,689	97,321	41,704	16,097	42,094
% w/ depression MD diagnosed	%	9.8%	15.6%	6.5%	16.6%	8.3%	10.4%
	#	117,376	6,184	6,277	6,927	1,330	4,390
% w/ depression NOT MD diagnosed	%	1.8%	2.2%	1.5%	1.5%	0.7%	2.4%
	#	21,986	861	1,411	630	118	1,014
% Feel accomplished less due to emotional problems	%	10.7%	13.1%	4.2%	12.2%	7.7%	7.7%
	#	128,309	5,179	4,058	5,105	1,233	3,250
<u>Disease Prevalence: Cancer</u>							
% w/ MD diagnosed cancer	%	3.0%	1.9%	0.8%	0.6%	1.4%	2.1%
	#	36,162	770	798	263	230	876
<i>3. Family History:</i>							
<u>Family History: Heart Attack</u>							
% w/ parent/sibling premature heart attack	%	22.7%	20.6%	19.9%	21.1%	18.6%	18.2%
	#	272,597	8,180	19,396	8,804	2,988	7,644
% w/ mother/sister premature heart attack	%	8.0%	8.9%	12.0%	9.9%	7.3%	7.0%
	#	96,592	3,516	11,649	4,141	1,180	2,938
% w/ father/brother premature heart attack	%	17.8%	13.7%	11.4%	17.4%	14.5%	14.8%
	#	213,729	5,433	11,124	7,240	2,331	6,247
<u>Family History: Cancer</u>							
% w/ parent/sibling w/ cancer	%	36.4%	23.3%	24.4%	29.2%	32.3%	27.6%
	#	436,708	9,248	23,776	12,190	5,204	11,597
<i>4. Preventive Care:</i>							
<u>Preventive Care: Flu Shots</u>							
% w/ flu shot within last year	%	36.4%	24.7%	25.3%	16.4%	19.4%	19.7%
	#	437,789	9,815	24,642	6,848	3,121	8,301
% age 65+ w/ flu shot within last year	%	71.3%	68.0%	51.8%	43.9%	49.7%	55.1%
	#	856,236	26,973	50,383	18,291	7,999	23,185

Table 3B – Supplemental Sample HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

		WNY Region Total	Supplemental Samples				
Description			Erie West Side	Erie East Side	Niagara Falls	Dunkirk	Jamestown
		1,201,397	39,689	97,321	41,704	16,097	42,094
<u>Preventive Care: Pap Smear</u>							
% Female who have ever had PAP smear	%	97.7%	93.4%	96.0%	98.2%	97.4%	96.9%
	#	1,173,765	37,077	93,467	40,962	15,680	40,802
% Fem who have had PAP smear w/in 1 year	%	69.3%	57.5%	56.7%	52.8%	61.7%	66.0%
	#	832,929	22,821	55,142	22,032	9,924	27,782
% Fem who have had PAP smear 1-3 years ago	%	17.5%	18.7%	16.0%	28.6%	21.4%	16.3%
	#	210,004	7,426	15,610	11,927	3,445	6,861
% Fem who have had PAP smear over 3 years	%	10.9%	17.2%	23.3%	16.8%	14.4%	14.6%
	#	130,832	6,830	22,705	7,006	2,310	6,158
% Fem who have had PAP within last 3 years	%	86.8%	76.2%	72.7%	81.4%	83.1%	82.3%
	#	1,042,933	30,247	70,762	33,955	13,369	34,643
<u>Preventive Care: Clinical Breast Exam</u>							
% Fem 30+ who ever had clinical breast exam	%	97.2%	95.1%	99.1%	96.1%	99.4%	98.0%
	#	1,168,118	37,756	96,406	40,069	15,999	41,231
% Fem 30+ had clinic breast exam w/in 1 yr	%	74.5%	57.0%	60.7%	53.5%	58.4%	63.7%
	#	894,921	22,611	59,064	22,291	9,396	26,805
% Fem 30+ had clinic breast exam 1-2 yrs	%	14.4%	14.8%	15.6%	25.5%	20.5%	19.8%
	#	172,641	5,878	15,221	10,630	3,303	8,343
% Fem 30+ had clinic breast exam 2-4 yrs	%	6.2%	20.1%	19.9%	15.0%	17.7%	11.0%
	#	74,727	7,981	19,347	6,260	2,854	4,626
% Fem 30+ had clinic breast exam over 4 yr	%	2.1%	3.2%	2.8%	2.1%	2.8%	3.5%
	#	25,590	1,286	2,764	888	446	1,456
<u>Preventive Care: Mammogram</u>							
% Fem 40+ who have ever had mammogram	%	95.1%	90.4%	92.4%	94.5%	98.2%	94.1%
	#	1,142,408	35,895	89,934	39,394	15,810	39,602
% Fem 40+ had mammogram within 1 year	%	67.2%	55.1%	55.9%	50.0%	60.2%	54.7%
	#	807,459	21,865	54,364	20,860	9,682	23,021

Table 3B – Supplemental Sample HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

		WNY Region Total	Supplemental Samples				
Description			Erie West Side	Erie East Side	Niagara Falls	Dunkirk	Jamestown
		1,201,397	39,689	97,321	41,704	16,097	42,094
% Fem 40+ who had mammogram 1-2 years	%	16.1%	13.9%	17.6%	23.7%	18.3%	24.5%
	#	193,905	5,497	17,080	9,876	2,938	10,296
% Fem 40+ who had mammogram 2-4 years	%	8.5%	14.4%	16.7%	18.1%	17.0%	11.4%
	#	102,479	5,727	16,204	7,553	2,743	4,778
% Fem 40+ had mammogram over 4 years ago	%	3.2%	7.1%	2.4%	2.7%	2.8%	3.6%
	#	38,445	2,806	2,287	1,105	447	1,507
<u>Preventive Care: Breast & Mammogram</u>							
% Fem 40+ both breast/mammo w/in 2 years	%	82.1%	64.2%	69.5%	68.0%	75.0%	76.9%
	#	985,866	25,464	67,599	28,367	12,078	32,349
% Fem 50+ both breast/mammo w/in 2 years	%	82.5%	60.5%	72.0%	59.5%	74.5%	75.7%
	#	991,513	23,996	70,042	24,831	11,989	31,865
<u>Preventive Care: PSA Test</u>							
% Male 40+ who have ever had PSA test	%	65.4%	64.8%	63.6%	60.1%	61.3%	65.9%
	#	785,113	25,737	61,935	25,081	9,866	27,753
% Male 40+ had PSA test within 1 year	%	37.8%	43.7%	32.3%	17.5%	20.4%	36.9%
	#	453,527	17,336	31,444	7,290	3,279	15,512
% Male 40+ who had PSA test 1-2 years	%	18.9%	17.2%	21.0%	36.7%	32.3%	24.3%
	#	227,304	6,842	20,398	15,310	5,201	10,233
% Male 40+ who had PSA test 2-3 years	%	5.3%	0.0%	3.5%	4.5%	5.0%	2.9%
	#	63,674	0	3,367	1,893	806	1,225
% Male 40+ who had PSA test 3-5 years	%	2.1%	0.0%	6.9%	1.4%	2.2%	1.9%
	#	24,749	0	6,735	584	354	783
% Male 40+ had PSA test over 5 years ago	%	1.3%	3.9%	0.0%	0.0%	1.4%	0.0%
	#	15,858	1,560	0	0	227	0
<u>Preventive Care: DRE</u>							
% DRE ever	%	70.9%	60.9%	66.7%	64.7%	60.0%	72.9%
	#	852,031	24,179	64,884	26,962	9,661	30,665

Table 3B – Supplemental Sample HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

		WNY Region Total	Supplemental Samples				
Description			Erie	Erie	Niagara	Dunkirk	Jamestown
			West Side	East Side	Falls		
		1,201,397	39,689	97,321	41,704	16,097	42,094
% DRE within 1 year	%	35.7%	34.5%	25.9%	14.5%	18.8%	39.3%
	#	429,259	13,697	25,206	6,064	3,026	16,547
% DRE 1-2 years	%	22.0%	22.7%	25.6%	44.4%	28.8%	19.3%
	#	263,707	8,994	24,866	18,533	4,633	8,107
% DRE 2-3 years	%	7.3%	1.9%	4.9%	3.7%	5.9%	6.8%
	#	87,822	742	4,759	1,547	956	2,879
% DRE 3-5 years	%	2.8%	0.0%	2.9%	1.5%	3.7%	3.7%
	#	33,279	0	2,822	605	594	1,566
% DRE over 5 years ago	%	3.1%	1.9%	7.4%	0.0%	2.3%	3.7%
	#	37,832	742	7,231	0	362	1,566
5. Health Risk Behavior:							
Health Risk Behavior: Television Watching							
% Watch no TV	%	2.6%	0.7%	2.3%	1.2%	3.7%	4.3%
	#	30,876	294	2,277	492	594	1,823
% Watch TV <1 hour	%	7.8%	8.4%	3.4%	4.4%	5.4%	4.7%
	#	94,286	3,334	3,309	1,822	863	1,987
% Watch TV 1 hour	%	15.0%	14.3%	11.7%	17.4%	10.4%	12.2%
	#	180,330	5,691	11,425	7,248	1,669	5,114
% Watch TV 2 hours	%	30.5%	22.9%	20.2%	21.1%	32.7%	34.1%
	#	366,066	9,081	19,620	8,808	5,259	14,337
% Watch TV 3 hours	%	16.6%	15.3%	19.4%	23.0%	19.9%	21.3%
	#	199,672	6,080	18,909	9,596	3,210	8,945
% Watch TV 4 hours	%	12.3%	15.4%	14.4%	13.3%	10.4%	10.0%
	#	148,012	6,100	14,043	5,538	1,676	4,205
% Watch TV over 5 hours	%	17.7%	23.7%	30.8%	20.9%	21.3%	17.8%
	#	213,128	9,402	30,014	8,695	3,422	7,510

Table 3B – Supplemental Sample HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

		WNY Region Total	Supplemental Samples				
			Erie West Side	Erie East Side	Niagara Falls	Dunkirk	Jamestown
Description							
		1,201,397	39,689	97,321	41,704	16,097	42,094
<u>Health Risk Behavior: Tobacco Use</u>							
% who are regular smokers	%	29.9%	27.8%	32.8%	37.2%	22.2%	24.8%
	#	359,218	11,022	31,950	15,518	3,577	10,427
% uninsured who are regular smokers	%	51.2%	44.5%	47.6%	55.4%	24.3%	50.5%
	#	615,115	17,677	46,286	23,117	3,907	21,257
% Inc <\$10K who are regular smokers	%	42.4%	18.4%	50.2%	42.1%	45.8%	58.1%
	#	508,912	7,319	48,875	17,553	7,371	24,452
% who are chewing tobacco or snuff	%	1.2%	0.7%	0.5%	1.4%	0.0%	4.9%
	#	14,537	290	516	601	0	2,067
% Current Cigar/Pipe Smokers	%	4.1%	4.4%	2.8%	2.8%	2.9%	2.7%
	#	48,897	1,730	2,744	1,172	459	1,132
<u>Health Risk Behavior: Alcohol Use</u>							
% Households w/ anyone who drinks	%	52.6%	57.1%	58.1%	58.2%	47.0%	47.0%
	#	632,415	22,678	56,495	24,251	7,570	19,797
% uninsured Households w/ anyone who drinks	%	60.3%	49.4%	56.5%	61.3%	63.4%	63.4%
	#	724,563	19,587	55,006	25,544	10,201	26,675
% Income <\$10K Househlds w/ anyone who drinks	%	27.5%	21.1%	21.1%	20.0%	30.7%	30.7%
	#	330,384	8,370	20,535	8,341	4,939	12,914
% HHs w/ positive CAGE screen (score 2+)	%	11.3%	10.1%	10.3%	10.8%	9.0%	9.0%
	#	136,238	4,013	10,034	4,508	1,447	3,784
% uninsured Househlds w/ positive CAGE	%	20.6%	16.4%	17.7%	18.1%	15.8%	15.8%
	#	247,608	6,509	17,236	7,548	2,543	6,651
% Income <\$10K HHs w/ positive CAGE screen	%	10.3%	8.2%	9.4%	10.5%	8.8%	8.8%
	#	123,984	3,266	9,129	4,366	1,412	3,692
<u>Health Risk Behavior: Drug Use</u>							
% Households w/ someone ever used marijuana	%	26.3%	38.3%	25.5%	32.7%	23.7%	24.1%
	#	315,607	15,181	24,817	13,625	3,809	10,140

Table 3B – Supplemental Sample HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

		WNY	Supplemental Samples				
		Region	Erie	Erie	Niagara	Dunkirk	Jamestown
Description		Total	West Side	East Side	Falls		
		1,201,397	39,689	97,321	41,704	16,097	42,094
% HHs w/ someone ever used crack/heroin	%	5.9%	8.5%	7.8%	5.6%	9.6%	8.0%
	#	70,882	3,354	7,591	2,344	1,542	3,351
% HHs w/ someone ever used needle to take street drugs	%	0.9%	2.5%	0.5%	1.0%	0.0%	0.6%
	#	11,053	988	467	425	0	265
<u>Health Risk Behavior: Violence Exposure</u>							
% HHs w/anyone witness/involved in violence	%	6.2%	12.7%	7.0%	5.9%	4.3%	9.0%
	#	74,607	5,052	6,851	2,473	697	3,793
<u>Health Risk Behavior: Seat Belt Use</u>							
% No front seat belt most times	%	4.1%	4.4%	8.6%	1.8%	2.8%	5.6%
	#	48,777	1,730	8,389	747	456	2,340
% No back seat belt most times	%	43.4%	41.9%	41.1%	42.4%	53.4%	46.5%
	#	521,647	16,618	39,999	17,691	8,589	19,593
% who don't ride in back seat of car	%	11.4%	6.6%	2.9%	4.7%	4.8%	5.2%
	#	136,359	2,616	2,842	1,948	768	2,193
<u>Health Risk Behavior: Weight Control</u>							
% who are healthy weight	%	36.9%	42.5%	26.5%	32.7%	38.8%	39.4%
	#	442,955	16,868	25,819	13,654	6,252	16,564
% uninsured who are healthy weight	%	45.5%	41.2%	5.7%	38.6%	26.6%	38.4%
	#	546,395	16,368	5,528	16,114	4,277	16,181
% Inc <\$10K who are healthy weight	%	39.1%	42.4%	25.7%	39.9%	28.6%	43.2%
	#	469,506	16,824	25,021	16,627	4,596	18,172
% who are over weight	%	37.0%	31.7%	28.9%	32.6%	35.3%	38.6%
	#	444,757	12,581	28,126	13,596	5,676	16,227
% uninsured who are over weight	%	47.9%	31.8%	46.8%	24.4%	39.6%	41.8%
	#	575,589	12,617	45,575	10,188	6,374	17,612
% Inc <\$10K who are over weight	%	55.4%	38.2%	32.3%	18.7%	39.7%	22.8%
	#	666,054	15,169	31,464	7,782	6,387	9,614

Table 3B – Supplemental Sample HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

		WNY	Supplemental Samples				
		Region	Erie	Erie	Niagara	Dunkirk	Jamestown
Description		Total	West Side	East Side	Falls		
		1,201,397	39,689	97,321	41,704	16,097	42,094
% who are obese	%	23.7%	22.6%	43.6%	30.9%	22.1%	19.2%
	#	284,371	8,962	42,383	12,882	3,556	8,074
% uninsured who are obese	%	15.2%	20.1%	47.5%	32.6%	33.8%	19.7%
	#	183,093	7,985	46,218	13,596	5,446	8,301
% Inc <\$10K who are obese	%	23.3%	19.4%	42.0%	41.5%	31.8%	34.0%
	#	280,406	7,696	40,836	17,295	5,112	14,308
% who perceive they are overweight	%	49.6%	40.6%	66.5%	54.8%	57.1%	55.0%
	#	595,773	16,126	64,670	22,854	9,185	23,143
% who perceive they are underweight	%	4.4%	3.4%	1.8%	4.9%	3.1%	2.6%
	#	52,861	1,357	1,781	2,048	491	1,107
% who perceive they are just about right	%	46.0%	56.0%	31.7%	40.3%	39.9%	42.4%
	#	552,763	22,206	30,870	16,803	6,421	17,844
% trying to lose weight	%	41.4%	40.0%	39.7%	40.4%	40.6%	40.6%
	#	497,138	15,891	38,675	16,836	6,532	17,082
% trying to gain weight	%	4.1%	4.9%	4.7%	4.6%	3.5%	3.5%
	#	48,897	1,957	4,574	1,902	570	1,490
% trying to stay about the same	%	26.8%	23.9%	24.5%	25.7%	28.6%	28.6%
	#	321,734	9,494	23,805	10,735	4,601	12,030
% not trying to do anything	%	27.8%	31.1%	31.1%	29.3%	27.3%	27.3%
	#	333,628	12,343	30,247	12,232	4,394	11,492
% percvd overweight & who are trying to lose	%	33.8%	32.8%	32.6%	33.9%	33.6%	33.6%
	#	406,312	13,006	31,766	14,154	5,404	14,131
% percvd overweight & are NOT trying to lose	%	15.6%	17.5%	18.1%	17.5%	17.1%	17.1%
	#	187,658	6,946	17,635	7,302	2,756	7,206
% over weight & do NOT perceive overwt	%	14.9%	13.2%	12.9%	13.5%	14.4%	14.4%
	#	179,128	5,223	12,525	5,634	2,320	6,066
% over weight & are trying to lose weight	%	29.8%	27.5%	27.4%	28.3%	29.2%	29.2%
	#	358,257	10,895	26,676	11,781	4,702	12,296

Table 3B – Supplemental Sample HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

		WNY	Supplemental Samples				
		Region	Erie	Erie	Niagara	Dunkirk	Jamestown
Description		Total	West Side	East Side	Falls		
		1,201,397	39,689	97,321	41,704	16,097	42,094
% over weight & are NOT trying do anything	%	12.8%	15.3%	15.4%	14.9%	12.9%	12.9%
	#	153,899	6,053	15,007	6,226	2,077	5,430
% over weight & do NOT get any phys activity	%	5.3%	3.2%	3.6%	3.9%	6.0%	6.0%
	#	63,434	1,282	3,513	1,626	971	2,538
Health Risk Behavior: Diet							
% using fat or oil in cooking daily	%	14.0%	12.1%	12.1%	13.0%	14.2%	14.2%
	#	167,595	4,786	11,756	5,401	2,287	5,982
% eating < 5 servings veg & fruit daily	%	90.6%	94.1%	96.6%	96.9%	93.1%	95.1%
	#	1,088,105	37,328	94,012	40,424	14,978	40,040
<i>6. Primary Prevention Targets:</i>							
<u>Primary Prevention Targets: Pre-Dx Heart Cond</u>							
% without Hrt Dx who are over weight	%	53.8%	31.8%	28.8%	30.4%	34.6%	37.7%
	#	646,832	12,613	28,028	12,695	5,562	15,869
% w/o Hrt Dx who smoke	%	24.4%	26.2%	31.2%	36.4%	22.5%	25.5%
	#	292,901	10,399	30,393	15,197	3,615	10,742
% w/o Hrt Dx who have high BP	%	17.0%	11.3%	30.2%	16.0%	14.8%	17.3%
	#	203,877	4,501	29,362	6,664	2,374	7,270
% w/o Hrt Dx who have no phys activity	%	12.4%	9.4%	9.8%	10.1%	7.3%	10.8%
	#	148,973	3,715	9,489	4,225	1,178	4,538
% w/o Hrt Dx who have high cholesterol	%	17.8%	10.7%	18.7%	14.7%	16.0%	15.6%
	#	213,248	4,235	18,218	6,118	2,569	6,554
% w/o Hrt Dx w/ Fam Hist of Hrt Dx	%	18.3%	18.4%	17.3%	17.9%	17.9%	17.9%
	#	219,856	7,315	16,817	7,448	2,888	7,531
% w/o Hrt Dx w/ no medical visit 3+ yrs	%	2.6%	5.7%	3.4%	3.7%	2.2%	7.0%
	#	30,876	2,246	3,328	1,551	357	2,963
% w/o Hrt Dx w/ one risk	%	69.3%	76.4%	86.0%	83.5%	73.4%	82.2%
	#	832,208	30,330	83,657	34,835	11,820	34,584

Table 3B – Supplemental Sample HRA Estimates and Population Impact
Sponsored by the Western New York Public Health Alliance and Health for All

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

		WNY Region Total	Supplemental Samples				
Description			Erie West Side	Erie East Side	Niagara Falls	Dunkirk	Jamestown
		1,201,397	39,689	97,321	41,704	16,097	42,094
% w/o Hrt Dx w/ two risks	%	37.5%	35.1%	54.6%	47.8%	38.0%	41.6%
	#	449,923	13,927	53,108	19,943	6,117	17,528
% w/o Hrt Dx w/ three or more risks	%	12.4%	12.8%	24.5%	14.9%	14.0%	14.4%
	#	149,454	5,080	23,873	6,231	2,257	6,045
<u>Primary Prevention Targets: Fem 40+ w/o Brst Can</u>							
% Fem 40+ w/o Breast Cancer who smoke	%	24.5%	20.6%	20.6%	20.5%	24.2%	24.2%
	#	293,982	8,168	20,019	8,566	3,895	10,187
% F40+w/o Breast Cancer w/Fam Hist Breast Can	%	8.1%	11.3%	11.4%	11.8%	7.4%	7.4%
	#	192,344	8,664	21,284	9,175	2,543	6,651
% F40+w/o Breast Cancer w/o Brst/Mam lst 2 yr	%	16.0%	21.8%	21.9%	22.0%	15.8%	15.8%
	#	192,344	8,664	21,284	9,175	2,543	6,651
% Fem 40+ w/o Breast Cancer w/ one risk	%	34.4%	37.4%	37.7%	38.1%	34.7%	34.7%
	#	413,401	14,844	36,641	15,868	5,592	14,623
% Fem 40+ w/o Breast Cancer w/ two risks	%	5.8%	5.1%	5.1%	5.0%	5.5%	5.5%
	#	69,561	2,012	4,944	2,094	877	2,294
<i>7. Secondary Prevention Targets:</i>							
<u>Secondary Prevention Targets: Patients with Heart Conditions</u>							
% Heart Disease indiv who are over weight	%	43.0%	30.5%	31.4%	51.9%	46.7%	50.1%
	#	516,481	12,093	30,530	21,632	7,519	21,089
% Heart Disease indiv who are obese	%	29.0%	66.7%	41.5%	53.5%	29.3%	19.0%
	#	348,045	26,477	40,398	22,320	4,718	8,006
% Heart Disease indiv who smoke	%	14.6%	57.0%	55.4%	37.1%	19.0%	14.3%
	#	175,764	22,639	53,945	15,464	3,058	6,036
% Heart Dx who have no phys activity	%	10.9%	10.2%	20.3%	21.0%	9.2%	16.5%
	#	131,193	4,060	19,746	8,749	1,474	6,937
% Heart Dx w/ last medical visit 3+ years	%	0.05%	0.00%	0.00%	0.00%	0.00%	0.00%
	#	601	0	0	0	0	0

Table 3B – Supplemental Sample HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

		WNY	Supplemental Samples				
		Region	Erie	Erie	Niagara	Dunkirk	Jamestown
Description		Total	West Side	East Side	Falls		
		1,201,397	39,689	97,321	41,704	16,097	42,094
% Heart Dx w/ MD diagnosed diabetes	%	22.6%	51.5%	31.8%	24.0%	52.0%	54.2%
	#	271,876	20,420	30,977	10,001	8,366	22,802
% Heart Dx w/ anxiety or depression	%	22.8%	62.2%	47.4%	21.2%	21.1%	18.8%
	#	274,279	24,683	46,140	8,837	3,388	7,931
% Heart Dx individuals w/ one risk	%	89.8%	100.0%	100.0%	100.0%	88.0%	97.0%
	#	1,078,855	39,689	97,321	41,704	14,167	40,831
% Heart Dx individuals w/ two risks	%	66.1%	93.3%	100.0%	73.9%	77.5%	79.7%
	#	793,643	37,014	97,321	30,832	12,478	33,532
% Heart Dx indiv w/ three or more risks	%	30.1%	57.0%	62.3%	55.1%	28.7%	21.8%
	#	361,620	22,639	60,602	22,996	4,612	9,193
<u>Secondary Prevention Targets: Patients with Diabetes</u>							
% diabetics who are over weight	%	30.7%	25.7%	32.6%	23.3%	25.9%	38.5%
	#	369,309	10,204	31,756	9,713	4,172	16,206
% diabetics who are obese	%	53.6%	61.3%	65.0%	58.3%	37.2%	33.1%
	#	643,348	24,341	63,298	24,305	5,980	13,946
% diabetics who smoke	%	9.6%	20.8%	12.1%	19.1%	25.9%	12.2%
	#	115,574	8,251	11,727	7,965	4,168	5,135
% diabetics who have no phys activity	%	9.8%	5.3%	8.2%	13.4%	18.3%	12.6%
	#	118,314	2,104	8,000	5,567	2,946	5,312
% diabetics w/ last medical visit 2+ years	%	0.13%	0.00%	0.00%	0.00%	0.00%	0.00%
	#	1,562	0	0	0	0	0
% diabetics w/ MD diagnosed heart cond	%	25.2%	37.9%	17.9%	25.0%	33.1%	29.4%
	#	303,305	15,046	17,420	10,405	5,326	12,363
% diabetics w/ anxiety or depression	%	14.8%	35.9%	11.4%	25.8%	16.7%	25.3%
	#	178,167	14,244	11,095	10,747	2,680	10,654
% diabetics w/ one risk	%	90.2%	87.9%	97.7%	93.6%	83.3%	84.8%
	#	1,083,900	34,867	95,053	39,014	13,410	35,700

Table 3B – Supplemental Sample HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

		WNY Region Total	Supplemental Samples				
Description			Erie West Side	Erie East Side	Niagara Falls	Dunkirk	Jamestown
		1,201,397	39,689	97,321	41,704	16,097	42,094
% diabetics w/ two risks	%	32.9%	54.1%	37.2%	46.7%	56.5%	47.6%
	#	395,500	21,472	36,184	19,492	9,098	20,024
% diabetics w/ three or more risks	%	10.9%	32.9%	7.9%	7.9%	14.4%	6.9%
	#	131,193	13,074	7,688	3,299	2,312	2,909
8. Health Perceptions:							
<u>Health Perceptions: Percvd Health Status</u>							
% describing current health as excellent	%	20.1%	19.5%	13.1%	9.6%	19.8%	23.4%
	#	241,000	7,723	12,778	3,995	3,189	9,837
% describing current health as very good	%	32.5%	32.4%	28.2%	34.6%	30.9%	38.7%
	#	389,853	12,871	27,435	14,446	4,972	16,290
% describing current health as good	%	30.7%	30.9%	35.3%	29.3%	32.6%	28.0%
	#	368,228	12,268	34,315	12,203	5,243	11,765
% describing current health as fair	%	12.9%	10.9%	19.6%	17.3%	12.9%	6.8%
	#	154,740	4,326	19,094	7,223	2,070	2,858
% describing current health as poor	%	4.0%	6.3%	3.8%	9.2%	3.9%	3.2%
	#	47,575	2,500	3,698	3,837	623	1,347
% uninsured describing health as poor	%	3.9%	6.1%	14.7%	0.0%	6.9%	3.9%
	#	47,335	2,409	14,296	0	1,104	1,621
% Inc <\$10K describing health as poor	%	9.2%	4.8%	8.3%	15.2%	21.8%	9.2%
	#	110,889	1,897	8,039	6,356	3,501	3,864
<u>Health Perceptions: Emotional Problems</u>							
% doing < like due to emotional problems	%	12.5%	11.0%	10.8%	11.5%	13.7%	13.7%
	#	150,175	4,362	10,520	4,792	2,200	5,754
9. Socio-Economics:							
<u>Socio-Economics: Employment Status</u>							
% employed full-time	%	46.2%	45.3%	44.8%	46.6%	51.0%	50.5%
	#	554,445	17,963	43,600	19,447	8,211	21,236

Table 3B – Supplemental Sample HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

		WNY Region Total	Supplemental Samples				
Description			Erie West Side	Erie East Side	Niagara Falls	Dunkirk	Jamestown
		1,201,397	39,689	97,321	41,704	16,097	42,094
% employed part-time	%	11.0%	17.3%	8.8%	9.8%	12.1%	7.9%
	#	132,394	6,866	8,535	4,091	1,954	3,304
% self-employed	%	3.8%	0.4%	4.4%	2.9%	7.5%	4.0%
	#	45,293	171	4,282	1,201	1,212	1,663
% unemployed	%	39.8%	37.0%	42.0%	40.7%	29.3%	37.8%
	#	478,637	14,689	40,914	16,965	4,720	15,890
% Black unemployed	%	47.2%	39.8%	46.7%	45.8%	47.3%	47.3%
	#	567,300	15,808	45,459	19,096	7,611	19,902
<u>Socio-Economics: Unemployment Status</u>							
% unemployed who are retired	%	55.8%	36.3%	45.0%	29.3%	57.8%	55.3%
	#	669,899	14,403	43,746	12,232	9,302	23,261
% unemployed who are disabled	%	16.5%	24.5%	24.2%	36.8%	21.2%	22.5%
	#	198,591	9,720	23,591	15,335	3,413	9,480
% unemployed who are homemakers	%	14.6%	14.9%	9.1%	10.5%	9.5%	7.2%
	#	175,764	5,926	8,827	4,383	1,526	3,039
% unemployed who are students	%	6.0%	8.0%	7.7%	8.9%	7.6%	6.8%
	#	72,444	3,159	7,455	3,703	1,220	2,854
% unemployed who are looking for work	%	7.1%	16.3%	14.1%	11.5%	2.8%	8.2%
	#	84,698	6,481	13,703	4,800	457	3,456
% unempl, unemployed for less than 6 months	%	14.9%	8.7%	6.6%	14.4%	3.3%	10.4%
	#	179,128	3,469	6,404	6,018	531	4,386
% unempl, unemployed for 6+ months	%	85.1%	91.3%	93.4%	85.6%	96.7%	89.6%
	#	1,022,269	36,220	90,917	35,686	15,566	37,708
<u>Socio-Economics: Household Income</u>							
% Households w/ income < \$10,000	%	18.9%	20.7%	15.8%	11.7%	7.6%	9.0%
	#	227,304	8,224	15,367	4,888	1,225	3,784
% Households w/ income \$10,000 - \$29,999	%	38.9%	35.3%	43.2%	34.1%	25.7%	27.8%
	#	466,743	13,994	42,062	14,229	4,140	11,715

Table 3B – Supplemental Sample HRA Estimates and Population Impact**Sponsored by the Western New York Public Health Alliance and Health for All**

Funded by the Community Health Foundation of Western and Central NY & the US Department of Health and Human Services

		WNY Region Total	Supplemental Samples				
			Erie West Side	Erie East Side	Niagara Falls	Dunkirk	Jamestown
Description							
		1,201,397	39,689	97,321	41,704	16,097	42,094
% Households w/ income \$30,0000 - \$49,999	%	25.0%	17.0%	13.7%	22.0%	24.4%	25.8%
	#	300,590	6,735	13,294	9,154	3,932	10,839
% Households w/ income \$50,0000+	%	17.2%	21.3%	22.0%	25.5%	37.9%	31.3%
	#	206,760	8,450	21,401	10,635	6,099	13,159
% HHs w/ someone receiving public assistance	%	12.4%	24.6%	16.6%	19.6%	9.3%	15.7%
	#	148,733	9,767	16,155	8,153	1,500	6,609
% adults in HHs w/ HH income < \$10K	%	13.3%	13.3%	13.3%	14.6%	16.1%	16.1%
	#	160,146	5,279	12,895	6,089	2,585	6,760
% adults in HHs recving public asstance	%	11.7%	11.5%	11.1%	12.6%	12.8%	12.8%
	#	140,684	4,548	10,754	5,238	2,065	5,401

Western New York
2005
Adult
Health Risk Assessment (HRA)
Survey

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Program*

Technical
Notes

Western New York Health Risk Assessment

Technical Notes

Introduction

This document contains information for users of the Western New York Health Risk Assessment (HRA) data and reports. It is divided into five separate sections, each describing a separate aspect of the HRA. Section I provides a detailed description of the project's methodology. Section II describes the data analysis. Section III documents the calculation of percentage rates and population estimates. Section IV discusses possible limitations of the HRA. Finally, Section V displays sources of US comparison data.

Section I

Methods

Study Description: A cross-sectional random telephone survey was conducted as a follow up to the 1998 HRA. The 2005 survey included the same core questions and expanded on questions related to the availability of health insurance. The study determined the health status of adults (18 years of age and older) in the eight counties of Western New York (Niagara, Orleans, Genesee, Wyoming, Erie, Chautauqua, Cattaraugus, and Allegany). A supplemental sample of geographic areas determined to have a high percent of African Americans, Hispanics or other minorities were also sampled. These five supplemental areas included the Near East Side and the Lower West Side of the City of Buffalo both in Erie County, the City of Niagara Falls in Niagara County, and the towns of Dunkirk and Jamestown both in Chautauqua County.

Study Sample: Approximately 324 households, the number targeted by the sampling design, were selected randomly from each of the eight counties of Western New York and completed the survey. All of these

households met the following inclusion criteria: 1.) At least one adult 18 years of age or older was living in the household; 2.) The household was a permanent residence and not a summer/vacation home, business, nursing home, or college dormitory; and 3.) The household address was in the target county. All residential households with working telephone numbers were equally likely to be selected in the sample, within a given county. Because the

Table 1: Completed Interviews by Household (Number of completed interviews by households and number of adults in each county and in each supplemental area)

County	# Households	# Adults
Allegany	324	580
Cattaraugus	306	549
Chautauqua	329	591
Erie	302	520
Genesee	325	603
Niagara	287	502
Orleans	313	570
Wyoming	313	554
Supplemental Area		
Erie (Lower West Side)	126	183
Erie (Near East Side)	111	165
Niagara Falls	142	244
Dunkirk	143	259
Jamestown	142	236

population sizes of the counties varied markedly and the targeted sample sizes within counties were equal, a single household in a smaller county was more likely to be selected than one in a larger county. Similarly, a sample of 150 households was targeted for selection from each of the five supplemental areas. Participation in the survey was voluntary and consent for participation was obtained from all responders. For each household, one adult provided information on all household members 18 years of age or older. Those targeted households that were contacted and completed the telephone questionnaire formed the study sample. Table 1 gives the number of eligible households that completed surveys in each county and each supplemental and the number of adults in these households on whom information was collected.

Survey Development: A systematic process was followed to develop the content of the questionnaire. First, a questionnaire used in 1998 to assess the health of Western New York was selected as the starting point to build the 2004-2005 health risk appraisal. Second, representatives from Health for All, the Department of Social and Preventive Medicine, the Family Medicine Research Institute, the Western New York Public Health Alliance, and the community met to generate ideas and rate content areas in terms of importance. New areas of interest were identified and associated questions were developed. Questions from national surveys also were obtained to supplement the 1998 survey.

A questionnaire that reflected the content agreed to by the group was presented and a series of revisions were conducted before the survey was finalized and approved. The questionnaire was pre-tested with members of the community in person and via telephone.

The questionnaire was translated into Spanish, pre-tested, and modified until a final version was validated against the English version. First the English version was translated into Spanish. Then the Spanish version was translated back into English to confirm the accuracy of translation. Discrepancies between the English and Spanish version were corrected and then the Spanish version was pre-tested in a pilot study of Spanish speaking interviewees. Bilingual individuals were selected who answered the questionnaires both in Spanish and English. Percent agreement between both questionnaires was examined and found to be adequate.

Domains: The survey includes information on the following domains:

1. Access to care
 - a. primary choice of healthcare setting
 - b. last medical visit
 - c. reason for medical visit
2. Insurance status
 - a. insurance company affiliation
 - b. duration of insurance coverage
3. Disease prevalence
 - a. illness diagnosed by doctor in last 12 months
 - b. psychological and/or emotional illness
4. Family history
 - a. cancer diagnosed in immediate family
 - b. heart disease diagnosed in immediate family

5. Health status
 - a. cholesterol (LDL, HDL) levels
 - b. blood pressure (SBP, DBP)
6. Preventive services
 - a. flu shot
 - b. cancer screening methods
7. Nutrition
 - a. consumption of fruits and vegetables
 - b. milk consumption
8. Prevention behavior
 - a. seat-belt usage
 - b. physical violence
9. Physical activity
 - a. light, moderate, and/or vigorous exercise
 - b. hours of watching television or in front of computer monitor
10. Substances
 - a. tobacco, alcohol, and drug use
11. Demographics
 - a. race, income, education level, employment

Sampling Procedure: A random digit dialing methodology was implemented to identify eligible households. The first three digits (prefix area) of telephone numbers in each of the eight counties were identified using a CD-ROM of the Nynex telephone directory (all of the telephone numbers within the eight counties fell within the 716 area code). Prefix areas were assigned into one of three geographical strata categories: inside-urban, outside-urban, or rural. Using the Nynex telephone directory CD-ROM, towns within each prefix area were identified and grouped into one of the three strata categories, based on its 2000 Census strata designation. The strata designation represented by a majority/plurality of towns was selected as that prefix area's strata designation. If two or more strata contained an equal number of towns, the prefix area was designated as the most rural of the strata.

Each prefix area was then affixed with all 100 combinations of the next two digit places (from 00 to 99) and stored in a SPSS file, by county and strata. A two-step process was used to identify which numbers would be selected for calling. First, once the county and strata were determined, five digit prefixes -- a prefix area plus two random digits -- were randomly selected (e.g., 555-23). Second, the last two digits were randomly selected to complete the phone number.

Random-digit dialing is centered on the concept that the random selection of four-digit numbers within existing telephone exchanges prevents biases from occurring. Such biases include excluding unlisted numbers not found on the telephone directory, and non-residential telephones. Each number generated was dialed, up to at least eight times, until contact was made. Sampling was conducted independently for each county to ensure that approximately the targeted number of 324 interviews would be obtained for each county.

Eligibility Criteria: All residential households within the eight counties of Western New York with a working telephone number were eligible for study participation. The U.S. Bureau of the

Census definition of residential household was used. This definition excludes residences such as summer or vacation residences, nursing homes, and college dormitories. Disconnected, not-in-service, business, cell phone, fax, and pager numbers, as well as non-English speaking households were also deemed ineligible.

A screening question was read just after the initial introduction to determine county residence eligibility. If a respondent resided in a county other than the one being sampled at the time of the call, they were deemed ineligible for participation in the study for that county, even if they resided in one of the other seven WNY counties being sampled. A county residence screening question was deemed necessary as many prefix areas crossed county lines.

Data Collection: The HRA was conducted from June 2004 to March 2005. Over 20 part-time interviewers were hired and trained by Health for All, Inc. staff to conduct the telephone surveys. All interviewers attended mandatory training sessions before they were allowed to conduct interviews. These sessions included basics of survey research, role playing, and certification in human subjects tutorial. Detailed record keeping for each selected telephone number was maintained by the interviewer and field supervisors. A random audit of completed interviews was conducted for quality control purposes. If discrepancies or questionable results were noted a new series of random sampling of households were conducted for the affected county/supplemental area. In addition, phone records were checked to confirm length of call for completed interviews.

Detailed protocols for sampling were followed. Specifically, each prefix area plus two randomly generated digits (PA+2) constituted a call sheet (e.g., 555-23). Each call sheet was randomly generated 2-digit combinations that, when each was suffixed to the PA+2, provided numbers for interviewers to call. Each county-strata pairing required a particular amount of interviews per call sheet. Thus interviewers were trained to "keep open" the same amount of numbers as interviews needed for that call sheet. For example, if an Allegany-rural county-strata pairing required four interviews per call sheet, interviewers were instructed to call until four possibly eligible households were contacted. If one interview was completed on a call sheet, interviewers would then "keep open" only three numbers, since only three interviews were then needed for this call sheet.

If ten numbers were deemed ineligible before an interview was completed within a call sheet, that call sheet was discarded and a new call sheet, within the same county-strata pairing, was used in its place.

Initially, 324 interviews were scheduled for each county, however, as evidenced by table 1, not all 324 interviews were used per county. The first problem was that not all 324 interviews were completed per county because of difficulties encountered by those persons administering the survey. Also, there were some data entry problems where certain surveys were duplicated, and analysts subsequently deleted duplicate entries. Also, some surveys lacked county code and / or zip code information, and some zip codes lie in more than one county, hence some surveys were eliminated for this reason.

Completion Rates: Three hundred twenty-four surveys were aimed for completion in each of the eight counties. It was estimated that this would represent 648 individuals in each county. The samples from the five areas designated for supplemental sampling were taken separately, with 150

surveys targeted for each of the five areas. By the end of the data collection phase, 6,388 households were contacted. Approximately 50% of these agreed to participate and completed the survey. A total of 3,163 eligible households completed interviews, 2,499 in the general sample and 664 in the supplemental sample. The study questionnaire was completed for a total of 5,556 individuals in eligible households, 4,469 in the general sample and 1,087 in the supplemental sample. The numbers of households and individuals in the study sample were given, above in Table 1, by county/supplemental area.

Calculations: Four types of calculations were used in the analyses. Raw percentages were calculated as simple percentages, using only numbers from the sample data. Weighted percentages were calculated by assigning a weight, that is the proportion of adults in WNY living in each county based on 2000 US Census data, to each county and then calculating a weighted average to obtain a regional percentage. Weighted percentages were used to adjust for the over sampling of adults surveyed in smaller counties and the under sampling in larger counties that resulted from targeting an equal number of households in each county, regardless of county population size. Household weighted percentages were calculated for some purposes. These were similar to the weighted percentage but were based on the number of households in the counties, instead of population. Household weighting was used to find WNY prevalence estimates for questions that apply only to the entire household, e.g. household income. Finally, standardized percentages were used for individual county prevalence estimates. This was to allow for comparisons across counties adjusting for differences in demographics. Standardized percentages were based on a standard population defined by the 2000 US census data for WNY, stratified by gender and age categories.

Representativeness: There is a bias associated with conducting telephone interviews in that the sample only includes households with a phone, excluding the lower socioeconomic population. There is often a gender bias in telephone interviewing in that more women answer the phone. There is also the possibility of bias among those who agree to conduct a relatively personal survey over the telephone. In order to assure representativeness of the sample, the HRA data were compared to the 2000 US Census county-strata population figures. Overall, the HRA sample is proportionally similar to the 2000 Census figures of the Western New York Region (see Table 2). There are, however, two notable differences. First, the HRA sample had a higher percentage of middle aged individuals than the 2000 US census of WNY (38.2 versus 30.1). Second, the HRA sample had a slightly higher percentage of females (55.7 versus 52.6).

Table 2. HRA Sample Characteristics versus 2000 Census

	HRA Sample			2000 Census	
	WNY Counties N = 4469		Supplemental Areas N=1087	WNY Counties	US
	Raw %	Weighted %	Raw %	Raw %	Raw %
Age					
18-44	44.6	43.2	39.1	49.3	53
45-64	36.8	38.2	35.7	30.1	30
65+	18.6	18.6	25.2	20.5	17
Gender					
Male	45.3	44.3	43.6	47.4	48
Female	54.7	55.7	56.4	52.6	52
Household Income	Responding Households				
	N = 2250		N = 608		
Less than \$10,000	8.5	8.6	13.0	10	9
\$10,000 to \$29,999	29.1	28.3	37.0	30	26
\$30,000 to \$49,999	30.3	28.3	21.6	24	23
Over \$50,000	32.9	34.8	27.4	36	42
By County	N = 4469				
	Raw %				
Allegany	13		-		
Cattaraugus	12		-		
Chautauqua	13		-		
Erie	12		-		
Genesee	13		-		
Niagara	12		-		
Orleans	13		-		
Wyoming	13		-		
By Supplemental Area			N = 1087		
			Raw %		
Erie (Lower West Side)	-		17		
Erie (Near East Side)	-		15		
Niagara Falls	-		23		
Dunkirk	-		23		
Jamestown	-		21		

Section II

Data Analysis

Data were collected for 2,858 households and 5,556 adult individuals. One adult individual was chosen at random to answer questions on behalf of themselves and other adult household members. Data was analyzed with SAS statistical software.

All analyses are age-adjusted (see Definition and Calculation of Estimates section below). Therefore, any individual whose age was either coded as missing, refused to be given by respondent, or not known by the respondent was excluded from the analysis. Due to this age exclusion criteria, 16 household surveys comprising 25 individuals were completely eliminated from the analysis, as the ages of every adult in each household was unknown (in seven of these households there was only one adult; in the other nine, there were two adults).

Definition of Terms and Calculation of Percentages

At Risk-Breast Cancer: Women were deemed at risk for breast cancer if they met any one of the following conditions: currently smokes, family history of breast cancer, did not receive a breast exam or a mammogram within the last 2 years.

At Risk-Diabetes: Individuals were deemed at risk for diabetes if they met any one of the following conditions: overweight (see definition below), currently smokes, reported not getting any physical activity, diagnosed with a heart condition, diagnosed with either anxiety or depression, or their last medical visit was greater than 2 years ago.

At Risk-Heart Condition: Individuals were deemed at risk for a heart condition if they met any one of the following conditions: overweight, currently smokes, diagnosed with either high cholesterol or high blood pressure, reported not getting any physical activity, family history of heart disease, or their last medical visit was greater than 3 years ago.

At Risk-High Blood Pressure: Individuals were deemed at risk for high blood pressure if they met any one of the following conditions: overweight, currently smokes, reported not getting any physical activity, diagnosed with diabetes, diagnosed with either anxiety or depression, or their last medical visit was greater than 2 years ago.

Body Mass Index (BMI): The BMI is a measure of relative weight for height. It is used to assess overweight and obesity status in individuals. BMI is calculated as

$$BMI = \frac{\text{weight}(\text{pounds}) / 2.2}{((\text{height}(\text{inches}) * 2.54) / 100)^2}$$

CAGE Alcohol Questions: The CAGE questions (an anagram for Cut-down, Annoyed, Guilty, and Eye-opener) are used clinically as a screening tool for alcohol abuse in primary care patients. They are also used to assess household alcohol risk. Each question is scored on a scale of 0-2. If the sum

of the four scores is greater than or equal to two, the household (or individual) is considered to be at-risk.

Diet/Nutrition: Nutritional consumption responses were given as per week approximates. The vegetable and fruit per week consumption estimates were summed and divided by seven. If this figure is less than five, the individual is considered to be possibly at-risk for an unhealthy diet.

Family History-Breast Cancer: A woman is deemed to have a family history of breast cancer if either her sister or mother was diagnosed with breast cancer. See questions 11a and 11b.

Family History-Heart Disease: An individual is deemed to have a family history of heart disease if either a brother or their birth father had a premature heart attack before the age of 55 or a sister or their birth mother had a premature heart attack before the age of 65. See questions 10a and 10b.

Healthy Weight: Healthy weight for an adult is defined as a BMI between 18.5 (inclusive) and 25 (exclusive). (See BMI definition above.)

Insurance Status: Respondents were asked what type of health insurance each household member had. Seven of the most prominent commercial insurance carriers in Western New York (Independent Health, Medisource, Community Care, Community Blue, Blue Cross/Blue Shield, Health Care Plan, and Plus Med) were used in coding during interviews and are defined in the analyses as "commercial insurance". Commercial insurance carriers other than these seven were coded as "others".

Overweight and Obese: Overweight is defined as a BMI of 25 or greater and obese as a BMI of 30 or greater. A BMI of 30 is approximate to being 30 pounds over ideal weight and is equivalent to 221 pounds in a 6' tall person and to 186 pounds in someone who is 5'6" tall. (See BMI definition above.)

These definitions are based on the first federal guidelines on the identification, evaluation, and treatment of overweight and obesity in adults released in June 1998 by the National Heart, Lung, and Blood Institute (NHLBI), in cooperation with the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK). These definitions are consistent with the definitions used in many countries, the WHO, and Healthy People 2010.

Physical Activity: Physical activity was defined as work or leisure activities that involve sustained physical exertion and that increase your breathing, such as walking briskly, running, lifting, and carrying. This definition was read to the respondent before three response categories were given.

Risk Factor: A risk factor is defined as a personal behavior or medical condition that increases the likelihood of developing serious adverse medical conditions/diseases. The following six conditions measured by the HRA are considered risk factors: being overweight; having your last medical visit more than 2 years ago; doctor diagnosed diabetes; reporting not getting any physical activity; currently smokes; and doctor diagnosed with either anxiety or depression. If an individual is positive for two or more of these conditions they are considered to have multiple risk factors, and thus are more at-risk of developing adverse medical conditions.

Strata: The term strata signifies a level of geographic analysis. Each of the eight counties, and the eight county Western New York region as a whole, are analyzed at each strata level. Also, there exist the supplemental areas of Erie (West Side), Erie (East Side), Niagara Falls, Dunkirk, and Jamestown.

Unemployment Status: An individual was considered unemployed if they were not currently employed (full time, part time, or self employed) in a paying job at the time of the interview. This definition includes retirees, housewives, non-working students, the disabled, and people who were laid off. This definition differs from the traditional definition of unemployment status used by government Labor Departments.

Urban Areas: Urban is a general Census Bureau definition used to describe a geographic area by its population density. In general, any Census defined area with at least 2,500 people is considered "urban". Urban areas are sub-divided into inside urban and outside urban. For ease of the reader, inside urban areas are listed in the HRA as "urban" and should be read as a populated area of approximately the density of a city or populated suburb. (See also Outside Urban Areas, Rural Areas, and Strata.)

Definition and Calculation of Estimates

Age-Specific Prevalence Estimates: All prevalence and population estimates listed in the HRA were adjusted to better reflect the influence of age differences in prevalence rates. Adjusting prevalence rates for age allows comparison of rates in one community with rates in another. Prevalence estimates are generated by factoring in age since many risk factors and health conditions tend to be correlated with increased age (for example, heart disease and diabetes). The three age intervals (18-44, 45-64, and 65+) were used to roughly define young adult, middle age, and elderly populations.

The middle age (45-64) age interval is broken down by gender as it is the age range at which the prevalence of many diseases first are diagnosed and, for many of these diagnosed diseases, there is variation in prevalence rates based on gender. For example, males aged 45-64 tend to have a higher prevalence of heart disease, while women aged 45-64 tend to have a higher prevalence of diabetes.

The prevalence estimate methodology takes into account both age and rural variation within each county by using the most localized strata from the HRA survey for which there is adequate precision and applying it age-specifically to cities and towns within each county. The resulting age specific estimates are then summed to the county and regional level.

Age-specific prevalence estimates were calculated for each of the eight counties of Western New York and the five supplemental samples..

Precision of Prevalence Estimates: A precision of + or – 5% is considered acceptable for accuracy of reporting. For population subcategories in which the precision of estimate is not within + or – 5%, the prevalence estimate from the next level of aggregate data is used. If this estimate met the criteria for precision, it would then be used to calculate population estimates. If this estimate was

still not precise at the 95% confidence level, the prevalence rate for the Western New York region would be used for the population estimate.

Population Estimates: The population estimate signifies the estimated number of individuals within a given population subcategory residing in a specific geographical location. To generate population estimates, all age-specific prevalence estimates were applied to the 2005 Census population estimates for each population sub-category. For example, according to the HRA, 6.4% of individuals 18 years of age or older in Western New York do not have a regular source of health care. According to 2005 Census estimate, there are 1,201,379 adults (18 years of age or older) residing in Western New York. By applying the prevalence estimate (4.9%) to the population count (1,201,379), it can be estimated that 58,868 Western New York residents 18 years of age or older do not have a regular source of health care.

Section III **Limitations**

The HRA is a household survey. Individual responses were obtained on all adults in the household whenever possible. Where this was not conceptually and methodologically feasible, more general information was obtained on the household as a whole. For example, the CAGE alcohol questions (Q#36a-d) were asked at the household rather than the individual level for two reasons. First, for sensitivity concerns, and second, it was assumed that if any individual in the household was at risk for problems with alcohol use, it would have a negative effect on the entire household.

Conversely, due to the specific nature of some questions, responses were requested of the respondent only. For example, nutritional information (Q#20-23) was asked of the respondent only due to the fact that household members do not always have the same nutritional habits.

There is bias associated with conducting telephone interviews. Such a sample only includes households with a phone; this tends to exclude people with lower socio-economic status, minorities, and people in rural areas. There is often a gender bias in telephone interviewing in that women tend to answer the phone more frequently than men. There is also the possibility of educational, and income bias among those who agree to participate in a relatively personal survey over the telephone. In order to assure representativeness of the sample, the HRA data was compared to the 2000 US Census county-strata population figures. Overall, the HRA sample is proportionally similar to the 2000 Census figures of the Western New York Region (see Table 2 above).

Another limitation of the HRA is that all data is self-reported. Self-reported information suffers the inherent limitation of perception and recall bias. These biases are amplified when one answers questions on behalf of someone else. However, due to resource constraints, self-reported information, even information reported via proxy, is necessary for population studies such as this. Therefore, some data items may be more accurate estimates of "reality" than others, as some information (such as age) is generally more reliably reported than others (such as weight). Limitations to specific HRA questions are listed below.

Q1) Demographics: This information is self-reported and may result in incorrect estimates of actual measures (see below for incorrect estimation direction). The household respondent supplied demographic figures for every adult household member.

Age: Age is generally reliably reported, but may be underestimated.

Height: Height tends to be overestimated.

Weight: Weight tends to be underestimated and rounded to figures ending in 0 or 5.

Q1) BMI: BMI measures tend to be underestimated based on the distortion of height and weight measures. BMI is only one of three measures recommended in clinical guidelines to assess if an individual is overweight or obese. The other two measures are waist circumference and a patient's risk factors for diseases and conditions associated with obesity. The BMI does not measure excess body fat or the distribution of fat on the body, which has been identified as an independent indicator of health risk. The Healthy People 2010 obese BMI target of 15% is for adults 20 years old and older; the HRA defines BMI results for adults aged 18 and older.

Q2) Source of Care: The household respondent answered this question for each adult household member.

Q3b) Reason for Medical Visit: No further information of the “problem” (choice #2) was collected. Many individuals who go to the doctor for a physical often have some concern or question for the physician. The household respondent answered this question for each adult household member.

Q4) No Access to Care: This question addresses how often an individual may have lacked access to care, and what was the nature of the impediment.

Q5) Use of the Emergency Department: Use of a emergency department and the reason for use are self-reported. The household respondent answered these questions for each adult household member.

Q6) Health Insurance: This question addressed insurance status and type of insurance. A series of questions addressed gaps in coverage and reasons for not having coverage.

Q7) Chronic Conditions: This question addresses chronic conditions such as heart disease, stroke, diabetes, and arthritis.

Q8) Cholesterol: This question addresses an individual’s knowledge of their cholesterol level, and the HDL and LDL levels. There is no validation of self-reported levels of cholesterol or related treatment.

Q9) Blood Pressure: This question addresses a person’s knowledge of their blood pressure and associated diagnoses, treatment, and medication. There is no validation of self-reported blood pressure level or related treatment.

Q10) Heart Attack: This question addresses family history in terms of early heart disease. This information is self-reported.

- Q11) Cancer: This question addresses family history in terms of Cancer. This information is self-reported. No information on type of cancer or age at diagnosis was collected.
- Q12) General Health: This question addresses an individual's self-perception of their health status.
- Q13) Emotional Health: This question addresses an individual's self-perception of their emotional health.
- Q14) Flu Shot: This question addresses whether or not an individual has had a flu shot within the past year.
- Q15) Pap Smear Test: This question addresses women and when a person had a pap smear test.
- Q16) Breast Exam: This question addresses women and when a person had a breast exam by a health care professional.
- Q17) Mammogram: This question addresses whether or not a woman has had a mammogram, and if so, when.
- Q18) PSA: This question addresses men only and when and if a man has had a prostate antigen test.
- Q19) DRE: This question addresses whether or not an adult over 40 has ever had a DRE, and if they have, when it was done.
- Q20) Overweight: This question addresses a person's self-perception of their weight.
- Q21-Q22) Diet: This question addresses a person's diet in relation to vegetables, and how often a person eats vegetables. No information was collected on other aspects of nutrition such as fat intake. Self-report is based on an individuals' perception of serving size.
- Q23) Dairy Intake: This question addresses the type of dairy milk that is consumed. Other types of dairy intake is not assessed.
- Q24-Q27) Physical Activity: Physical activity is also difficult to measure since different people have different ideas of what physical activity is. Even with the given definition, perception of physical activity will vary between individuals. Also, someone who is not physically fit will sweat and breathe heavily before someone who is physically fit. Like the nutrition questions, it is difficult to make any specific statements regarding physical activity from a single self-reported question. A true physical activity assessment would include several questions detailing specific activities.
- Q28) Television Watching Habits: This question addresses how many hours a person watches tv per day.
- Q29) Seatbelt: This question estimates a person's use of the seat belt while riding in the front and back seat of a car.

Q30-Q32) Cigarettes: This Information was not obtained on ex-tobacco users. An individual may have quit smoking/using tobacco when diagnosed with a particular illness.

Q33-Q34) Chewing Tobacco: This question addresses whether or not a person has used or presently uses snuff or chewing tobacco.

Q35-Q36) Alcohol use: The Household CAGE questions give us an idea of drinking patterns in the household. The CAGE questions were originally designed, and are typically used, as a screen for individuals at risk for alcohol problems. Amount and frequency of alcohol use is asked of all individuals living in the household to compliment the Household CAGE. Information on ex-drinkers was not obtained. Like smoking, these individuals may have stopped drinking due to disease diagnosis or alcoholism.

Q37) Drug use: Drug use is self-reported for the household. We do not have information regarding individual risk. We can assume that these estimates are underestimates. Another problem with this question is that it asks if anyone ever used drugs in the past. Information on frequency of use or length of time since last use was not collected. Inaccurate conclusions may therefore be derived from this question. For example, individuals that used drugs during college but have not used in the past 20 years may have answered yes to these questions.

Q38) Physical Violence: This question asks whether the respondent has witnessed OR been involved in physical violence. We can assume these estimates to be underestimated. No detail was gathered about the nature of the incident.

Q39) Race and ethnicity: Race and ethnicity are difficult to define as perceptions of race and ethnicity change over time. It is also difficult to define individuals who are of mixed racial and ethnic backgrounds. US Census race classification were used as choices. The household respondent answered the race and ethnic status questions for each adult household member.

Q40) Education: This question addresses a person's highest level of academic achievement.

Q41) Marriage Status: This question addresses a person's current state of marriage or divorce, or single life, etc.

Q42) Employment Status: This question addresses a person's current state of employment.

Q43) Employment and Health Insurance: These questions explore the role of the employer in offering health insurance to those individuals that are currently employed.

Q44) Household Income: Information was gathered on total household income in categories to make individuals more comfortable with responding. The highest category is More than \$50,000 so higher income levels can not be broken out. Respondents may not always have a accurate sense of another adults income level.

Q45) Public Assistance: Respondents were asked whether they received any form of public assistance.

Q46) Feel Comfortable: Respondents were asked if they felt comfortable answering questions for other adults living in their households. Although this is a weak proxy at best, it gives some sense of the perceived accuracy of reporting for others.

Section IV

Sources of US Comparison Data

National prevalence data are used for comparison purposes with HRA data in the Executive Summary and the Tabular Data Package, Tables 1, 2, and 3. Most of the national comparison data are from the 2004 National Health Interview Survey (NHIS). However, some data items, including all data items listed in the executive summary, use more recent sources for comparison purposes.

National goal data denote Healthy People 2010 goals for the nation.

Table 3 lists the national prevalence data.

Table 3. Sources of National Benchmarks and Goals

Data Source	Description	Reference
2004 NHIS Data	The National Health Interview Survey (NHIS) is the principal source of information on the health of the civilian noninstitutionalized population of the United States and is one of the major data collection programs of the National Center for Health Statistics (NCHS).	http://www.cdc.gov/nchs/about/major/nhis/hisdesc.htm
2004 NHIS Reports	Statistics on illness, accidental injuries, disability, use of hospital, medical, dental, and other services, and other health-related topics, all based on data collection in the continuing national household survey.	http://www.cdc.gov/nchs/products/pubs/pubd/series/sr10/ser10.htm
2004 NHANES	The National Health and Nutrition Examination Surveys (NHANES), conducted by the National Center for Health Statistics, Centers for Disease Control (NCHS/CDC), are designed to assess the health and nutritional status of adults and children in the United States through interviews and direct physical examinations.	http://www.cdc.gov/nchs/nhanes.htm
Health,	<i>Health, United States</i> is an annual report on trends in	http://www.cdc.gov

United States, 2005 (from NCHS)	health statistics. The report consists of two main sections: A chartbook containing text and figures that illustrates major trends in the health of Americans; and a trend tables section that contains 156 detailed data tables.	ov/nchs/hus.htm
Healthy People 2010 Goals	Healthy People 2010 is a national health promotion and disease prevention initiative. Its goals are to increase the quality and years of healthy life and functionality.	http://www.healthypeople.gov/
Behavioral Risk Factor Surveillance System (2004)	CDC developed standard core questionnaire for states to use to provide data that could be compared across states. The BRFSS, administered and supported by the Division of Adult and Community Health, National Center for Chronic Disease Prevention and Health Promotion, CDC, is an ongoing data collection program. By 1994, all states, the District of Columbia, and three territories were participating in the BRFSS.	http://www.cdc.gov/brfss/about.htm

HRA Survey Instrument

Interviewer Code _____

Check if want summary ____

Date _____

Respondent Number _____

Time Started _____

Western New York Public Health Coalition Health Risk Assessment (HRA)

INTRODUCTION:

Hello, my name is (**Full Name**) and I'm calling on behalf of the _____ (County Name) _____ Department of Health.

The Health Department wants to improve health care services in your area. To do this, we are conducting a health risk assessment among county residents to find out what your health needs are. This is your chance to impact the health care in your county.

SCREENING QUESTIONS:

A. Do you live in _____ County?

IF NO: What county do you live in? _____.

IF ONE OF THE OTHER 7 COUNTIES WE ARE SAMPLING:

"Ok, we are currently surveying _____ County. Your household is ineligible to participate at this time, but since we are also calling homes in _____ County, you may be contacted by us again. If so, we hope that you would complete our survey then. Thank you for your time".

END INTERVIEW.

IF NOT ONE OF THE OTHER 7 COUNTIES WE ARE SAMPLING:

"We are currently surveying _____ County. Your household is ineligible to participate at this time, since we are calling homes in _____ County. Thank you for your time".

END INTERVIEW.

IF YES, CORRECT COUNTY:

Great, now I would like to confirm that your telephone number is:

_____.

Is that correct? 1 Yes **GO TO B**

0 No **➡** "I'm sorry I must have misdialed"

END INTERVIEW

B. Are you 18 years old or older? 1 Yes **GO TO E1**

0 No **GO TO C**

9 Refused

C. Is there someone available who is 18 years old or older whom I may speak with?

- 1 Yes **REPEAT INTRODUCTION. GO TO E1**
- 0 No
- 8 Not Applicable
- 9 Refused

D. Is there a good time to reach someone 18 years old or older living with you?

- 1 Yes. When? Date: _____ Time: _____
[Thanks. I'll call back at that time.] **END.**
- 0 No. Thank you. I will call back at another time. **END.**
- 8 Not Applicable

9 Refused

The Health Risk Assessment consists of a series of questions about your health and the health of others living in your household. All responses are confidential. We will be conducting interviews in at least 150 homes in _____ County. All the information gathered will be reported in aggregate. Your name or other identifying information will not be linked to your responses in any way. Your participation is completely voluntary. **(GO TO E)**

E. May I go ahead and ask you a few questions about your health and the health of others living in your household?

- 1 Yes

If Yes, Enter Zip Code: _____ **(Go to F)**

- 2 Yes, but call back at another time
When would be a good time?
Day: _____ Time: _____

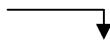
- 0 No ↓

Is there a better time to talk?

If no: All information is confidential; your name will not be associated with any reports or publications. The information gathered here would be

used to inform the Health Department so that services can be improved. At your request, we would be glad to send you summary results of the survey.

- 9 **Still not interested**



Thank you for your time. Goodbye.
END INTERVIEW

The Western New York Health Assessment is being conducted by the eight county health departments in partnership with HealthforAll and the University at Buffalo. Dr. Laurene Tumiel-Berhalter from the University's Department of Family Medicine is leading this project and can be reached at (716) 898-4689 with any questions you may have.

The main purpose of this study is to gather information about the health of adults living in Western New York. There is only one interview and it will be conducted over the telephone by staff of HealthforAll, and take no more than 25 minutes.

Your participation in this project is completely voluntary. If you choose to participate, you have the right to stop at any time without penalty. It has been our experience that the information collected during the survey is unlikely to cause stress or embarrassment.

We protect your privacy by following Federal laws and regulations:

Your answers to this survey will never be linked to your name or other identifying information and will only be reported in a summary form.

All information is kept in a password-protected database, and all printouts of your answers will be kept in a locked file at HealthforAll.

If you wish to participate in this study we are happy to mail you a copy of this consent at your request. Questions about your rights as a volunteer in research can be directed to the Social and Behavioral Sciences Institutional Review Board at (716) 645-3321.

I have read the above informed consent to the respondent and he or she has agreed to participate in the telephone interview.

Consented to Interview *1*

F. Great!! Let's begin.

How many people currently live in your household are 18 years old or older? _____

How many children under the age of 18 are currently living in this household? _____

1. IF MORE THAN 1 ADULT:

I'll be asking questions about all the people 18 years or older who live in your household.

To start, can I have the FIRST names of these people starting with your own?

Go to 1(a). (Record in Table on legal-size paper on last page)

IF ONLY 1 ADULT:

Okay, let's begin. Can I have your FIRST name?

Go to 1(a).

READ

(a) How old are you? How old is (name)?

(b) Are you male or female? Is (name) male or female?

(c) How tall are you? How tall is (name)?

(d) How much do you weigh? How much does (name) weigh?

- 2a. Is there one particular clinic, health center, doctor's office, or hospital emergency room that you usually go to if you are sick or need advice about your health?

What about (name)?

Regular source of care:	1	2	3	4
No (GOTO 3a)	0	0	0	0
Yes	1	1	1	1
Don't know	7	7	7	7
Refused	9	9	9	9

- 2b. What kind of place is it that you go? **Read Categories (Circle only 1 place for each person).**

What about (name)?

Place of medical care:	1	2	3	4
A doctor's office or HMO	1	1	1	1
A clinic or health center	2	2	2	2
A hospital outpatient center	3	3	3	3
A hospital emergency room	4	4	4	4
An urgent care center, or	5	5	5	5
<i>Some other kind of place</i>	6	6	6	6
<i>Don't know</i>	7	7	7	7
<i>Not applicable</i>	8	8	8	8
<i>Refused</i>	9	9	9	9

- 3a. When was your last medical visit?

What about (Name)?

Probe if appropriate: *Was it less than 6 months ago; between 6 months and one year; 1-2 years ago, 2-3 years ago? (with pause in between to allow for response.)*

When last medical visit:	1	2	3	4
Never (GO TO 4a)	0	0	0	0
Under 6 months	1	1	1	1
6 months to 1 year ago	2	2	2	2
1 to 2 years ago	3	3	3	3
2 to 3 years ago	4	4	4	4
Over 3 years ago	5	5	5	5
<i>Don't know</i>	7	7	7	7
<i>Refused</i>	9	9	9	9

3b. ASK OF ALL RESPONDENTS WHO HAD A MEDICAL VISIT

Why did you go to the doctor? Was it for a regular check-up or were you having a particular problem?

What about (name)?

<i>Reason for visit:</i>	1	2	3	4
Check-up	1	1	1	1
Had a problem	2	2	2	2
Don't know	7	7	7	7
Not applicable/never been to a doctor	8	8	8	8
Refused	9	9	9	9

4a. Was there a time in the past 12 months when you needed medical care, but could not get it?

What about (name)?

Needed medical care in last 12 months:	1	2	3	4
No (GO TO 5a)	0	0	0	0
Yes	1	1	1	1
Don't know	7	7	7	7
Refused	9	9	9	9

4b. What is the main reason you did not get medical care?

What about (name)?

Note: if more than one instance, ask about the most recent.

Needed medical care in last 12 months:	1	2	3	4
Cost (include no insurance)	1	1	1	1
Distance	2	2	2	2
Office wasn't open when I got there	3	3	3	3
Too long a wait for an appointment	4	4	4	4
Too long a wait in the waiting room	5	5	5	5
No child care	6	6	6	6
No transportation	7	7	7	7
No access for people with disabilities	8	8	8	8
The medical provider didn't speak my language	9	9	9	9
Other _____	10	10	10	10
Don't know	77	77	77	77
Not applicable	88	88	88	88
Refused	99	99	99	99

5a. In the last 12 months, have you gone to an emergency department for medical care?

What about (name)?

Emergency department visit	1	2	3	4
Yes	1	1	1	1
No (GO TO 6a)	0	0	0	0
Don't know (GO TO 6a)	7	7	7	7
Refused (GO TO 6a)	9	9	9	9

5b. Did you go to the emergency department because of a medical emergency, a provider referral, problems accessing the usual place you receive care, or for some other reason?

What about (name)?

Emergency department visit reasons	1	2	3	4
Medical emergency (GO TO 6a)	1	1	1	1
Provider referral (GO TO 6a)	2	2	2	2
Problems with access (GO TO 5c)	3	3	3	3
Other _____ (GO TO 6a)	4	4	4	4
Don't know (GO TO 6a)	7	7	7	7
Not applicable (GO TO 6a)	8	8	8	8
Refused (GO TO 6a)	9	9	9	9

5c. What type of problem was it?

What about (name)?

Problem	1	2	3	4
Cost	1	1	1	1
Hours	2	2	2	2
Convenience	3	3	3	3
Other _____	4	4	4	4
Refused	9	9	9	9

6a. Next, we are interested in knowing what type of health insurance you have, if any.

How do you pay for health care?

What about (name)? **(Record in table)**

Probe: If respondent answers, “my work pays for it”, ask: What health insurance company does your employer use?

Type of insurance	1	2	3	4
None/self-pay (GO TO 6c)	0	0	0	0
Hill Burton (GO TO 6c)	1	1	1	1
Medicaid	2	2	2	2
Medicare	3	3	3	3
Blue Cross/Blue Shield	4	4	4	4
Community Blue	5	5	5	5
Community Care (BC/BS Medicaid)	6	6	6	6
Independent Health	7	7	7	7
Medisource (IHA/Medicaid)	8	8	8	8
Univera/Choice Care	9	9	9	9
Fidelis	10	10	10	10
Worker’s Compensation	11	11	11	11
Other:	12	12	12	12
Other:	12	12	12	12
Other:	12	12	12	12
Other:	12	12	12	12
Don’t know	77	77	77	77
Refused	99	99	99	99

6b. In the past 12 months, has there been a time when you did not have any health insurance?

What about (name)?

No health coverage in the last 12 months	1	2	3	4
Yes (GO TO 7)	1	1	1	1
No (GO TO 7)	0	0	0	0
Don't know (GO TO 7)	7	7	7	7
Refused (GO TO 7)	9	9	9	9

6c. About how long has it been since you or (name) last had health care coverage?

What about (name)?

Length of time with no health care coverage	1	2	3	4
Never	0	0	0	0
6 months or less	1	1	1	1
More than 6 months, but no more than 1 year ago	2	2	2	2
More than 1 year ago, but no more than 3 years ago	3	3	3	3
More than 3 years ago	4	4	4	4
Don't know	7	7	7	7
Not applicable	8	8	8	8
Refused	9	9	9	9

6d. What is the main reason you do not have any kind of health care coverage now?

What about (name)?

Reason not to have insurance	1	2	3	4
Lost job or changed employers	0	0	0	0
Spouse lost job or changed employers	1	1	1	1
Became divorced or separated	2	2	2	2
Spouse or parent died	3	3	3	3
Not eligible because of age or because left school	4	4	4	4
Employer does not offer or stopped offering coverage	5	5	5	5
Cut back to part time or became temporary employee	6	6	6	6
Benefits from employer or previous employer ran out	7	7	7	7
Couldn't afford to pay the premiums	8	8	8	8
Insurance company refused coverage	9	9	9	9
Lost Medicaid or medical assistance eligibility	10	10	10	10
Other _____	11	11	11	11
Don't know	77	77	77	77
Not applicable	88	88	88	88
Refused	99	99	99	99

7. IF ONLY 1 ADULT:

Please tell me if you or any adult in your household have or have had any of the following conditions in the past 12 months. **(Read each illness).**

Who has (illness)? _____

Was it diagnosed by a doctor or other health professional?

DISEASES	1	2	3	4
Diabetes or high blood sugar				
High blood pressure				
High cholesterol				
Any heart condition or heart problem?				
Stroke				
Asthma				
COPD				
Emphysema				
Arthritis				
Low Back Pain				
Anxiety				
Depression				
Cancer.				
(What Type?) _____				
(What Type?) _____				
Lupus				
No diseases				
Refused to do list				

Possible Answers

1 = Yes, diagnosed by a Doctor

2 = Yes, not diagnosed by a Doctor

7 = DK

9 = Refused

8a. Have you ever had your blood cholesterol level checked? What about (name)?

Blood cholesterol check	1	2	3	4
Yes	1	1	1	1
No (GO TO 9a)	0	0	0	0
Don't know (GO TO 9a)	7	7	7	7
Refused (GO TO 9a)	9	9	9	9

IF RESPONDENT ANSWERED YES:

8.b. Do you know your cholesterol level?

- 1 Yes
 0 No
 Don't know
Not applicable
 Missing

What is your total cholesterol level?

- Total _____ mg/dL
 7 Don't Know
 8 Not applicable
 9 Missing

What is your LDL cholesterol level?

- LDL _____ mg/dL
 7 Don't Know
 8 Not applicable
 9 Missing

What is your HDL cholesterol level?

- HDL _____ mg/dL
 7 Don't Know
 8 Not applicable
 9 Missing

8c. Have you ever been told that your cholesterol level is above normal and that you are in need of treatment?

What about (name)?

Blood cholesterol above normal	1	2	3	4
Yes	1	1	1	1
No (GO TO 9a)	0	0	0	0
Don't know (GO TO 9a)	7	7	7	7
Not applicable (GO TO 9a)	8	8	8	8
Refused (GO TO 9a)	9	9	9	9

8d. Are you currently receiving treatment to lower your cholesterol?

What about (name)?

Treatment for cholesterol	1	2	3	4
Yes	1	1	1	1
No (GO TO 9a)	0	0	0	0
Don't know (GO TO 9a)	7	7	7	7
Not applicable (GO TO 9a)	8	8	8	8
Refused (GO TO 9a)	9	9	9	9

8e. Are you taking medicine for high cholesterol? And (name)?

What about (name)?

Medicine for high cholesterol	1	2	3	4
Yes	1	1	1	1
No	0	0	0	0
Don't know	7	7	7	7
Not applicable	8	8	8	8
Refused	9	9	9	9

8f. Have you changed your diet to lower your cholesterol? What about (name)?

Changing diet for lowering cholesterol	1	2	3	4
Yes	1	1	1	1
No	0	0	0	0
Don't know	7	7	7	7
Not applicable	8	8	8	8
Refused	9	9	9	9

8g. Do you exercise to lower your cholesterol?

What about (name)?

Changing diet for lowering cholesterol	1	2	3	4
Yes	1	1	1	1
No	0	0	0	0
Don't know	7	7	7	7
Not applicable	8	8	8	8
Refused	9	9	9	9

9a. Have you ever checked your blood pressure?

What about (name)?

Checked blood pressure	1	2	3	4
Yes	1	1	1	1
No	0	0	0	0
Don't know (GO TO 10)	7	7	7	7
Refused	9	9	9	9

9b. Do you know your blood pressure?

What about (name)?

Know blood pressure	1	2	3	4
Yes	1	1	1	1
No (GO TO 9d)	0	0	0	0
Don't know (GO TO 9d)	7	7	7	7
Not applicable (GO TO 9d)	8	8	8	8
Refused (GO TO 9d)	9	9	9	9

9c. IF RESPONDENT ANSWERS YES

What is your blood pressure?

SBP _____ mm Hg
 7 Don't Know
 8 Not applicable
 9 Missing

DBP _____ mm Hg
 7 Don't Know
 8 Not applicable
 9 Missing

9d. Have you been told your blood pressure is above normal and that you are in need of treatment?

What about (name)?

Told blood pressure is high	1	2	3	4
Yes	1	1	1	1
No	0	0	0	0
Don't know	7	7	7	7
Not applicable	8	8	8	8
Refused	9	9	9	9

9e. Are you currently receiving treatment for your blood pressure?

What about (name)?

Receiving treatment for blood pressure	1	2	3	4
Yes	1	1	1	1
No	0	0	0	0
Don't know	7	7	7	7
Not applicable	8	8	8	8
Refused	9	9	9	9

9f. Are you taking medicine for high blood pressure?

What about (name)?

Medicine for high blood pressure	1	2	3	4
Yes	1	1	1	1
No	0	0	0	0
Don't know	7	7	7	7
Not applicable	8	8	8	8
Refused	9	9	9	9

9g. Have you changed your diet to lower your blood pressure?

What about (name)?

Changing diet for lowering blood pressure	1	2	3	4
Yes	1	1	1	1
No	0	0	0	0
Don't know	7	7	7	7
Not applicable	8	8	8	8
Refused	9	9	9	9

9h. Do you exercise to lower your blood pressure?

What about (name)?

Exercising to lower blood pressure	1	2	3	4
Yes	1	1	1	1
No	0	0	0	0
Don't know	7	7	7	7
Not applicable	8	8	8	8
Refused	9	9	9	9

10a. Did your birth mother or any of your sisters have a heart attack before the age of 65?

What about (name)?

Mother/Sisters	1	2	3	4
No	0	0	0	0
Yes	1	1	1	1
Don't know	7	7	7	7
Refused	9	9	9	9

10b. Did your birth father or any of your brothers have a heart attack before the age of 65?

What about (name)?

Father/Brothers	1	2	3	4
No	0	0	0	0
Yes	1	1	1	1
Don't know	7	7	7	7
Refused	9	9	9	9

11a. Did either of your birth parents ever have cancer?

Birth Parents	1	2	3	4
No	0	0	0	0
Yes	1	1	1	1
Don't know	7	7	7	7
Refused	9	9	9	9

11b. Did any of your siblings ever have cancer?

Siblings	1	2	3	4
No	0	0	0	0
Yes	1	1	1	1
Don't know	7	7	7	7
No siblings	8	8	8	8
Refused	9	9	9	9

12. During the past 4 weeks, how would you describe your general health? Would you say it was excellent, very good, good, fair or poor?

What about (name's)?

	1	2	3	4
Excellent	1	1	1	1
Very good	2	2	2	2
Good	3	3	3	3
Fair	4	4	4	4
Poor	5	5	5	5
Refused	9	9	9	9

13. During the past 4 weeks, have you accomplished less than you would have liked as a result of any emotional problems, such as feeling depressed or anxious?

Has (name) accomplished less than he/she would have liked as a result of any emotional problems?

	1	2	3	4
No	0	0	0	0
Yes	1	1	1	1
Don't know	7	7	7	7
Refused	9	9	9	9

The next few questions are about routine medical check-ups and tests.

- 14a. Have you had a flu shot within the last year?

What about (name)?

Probe: *The flu shot is a shot given by your doctor every year to prevent the flu or influenza.*

	1	2	3	4
No	0	0	0	0
Yes	1	1	1	1
Don't know	7	7	7	7
Refused	9	9	9	9

ASK ONLY ABOUT FEMALES 18 YEARS OR OLD IN HOUSEHOLD.

If none, go to question 18

The next set of questions is about women's health.

15a. How long ago did you have your most recent PAP smear test?

What about (name)?

Women eligible (circle)	1	2	3	4
Never had a pap smear	0	0	0	0
Within the last year	1	1	1	1
1-3 years ago	2	2	2	2
Over 3 years ago	3	3	3	3
Don't know	7	7	7	7
Not applicable/male	8	8	8	8
Refused	9	9	9	9

16. ASK ONLY ABOUT FEMALES 30 YEARS OR OLDER)

If none, go to question 18.

16a. When was the last time you had a breast examination by a doctor?

What about (name)?

Women eligible (circle)	1	2	3	4
Never had a breast exam	0	0	0	0
Less than 1 year ago	1	1	1	1
1 – 2 years ago	2	2	2	2
2 – 4 years ago	3	3	3	3
More than 4 years ago	4	4	4	4
Don't know	7	7	7	7
NA/ Male/ Female <30	8	8	8	8
Refused	9	9	9	9

17. ASK ONLY ABOUT FEMALES 40 YEARS OR OLDER

If none, go to question 18.

17a. A mammogram is an x-ray taken only of the breasts by a machine that presses the breast against a plate. When was the last time you had a mammogram? _____

When was the last time (name) had a mammogram?

Women eligible (circle)	1	2	3	4
Never had a mammogram	0	0	0	0
Less than 1 year ago	1	1	1	1
1 – 2 years ago	2	2	2	2
2 – 4 years ago	3	3	3	3
More than 4 years ago	4	4	4	4
Don't know	7	7	7	7
NA/ Male/ Female <40	8	8	8	8
Refused	9	9	9	9

ASK THE FOLLOWING QUESTIONS OF MALES AGE 40 AND OVER.

If none, go to question 19.

18a. A Prostate-Specific Antigen test, also called a PSA test, is a blood test used to check men for prostate cancer. Have you (has name) ever had a PSA test?

PSA test ever	1	2	3	4
No	0	0	0	0
Yes (GO TO 19a)	1	1	1	1
Don't know	7	7	7	7
Refused	9	9	9	9

18b. How long has it been since you had your last PSA test?

What about (name)?

Time since last PSA	1	2	3	4
Less than 12 months ago	0	0	0	0
1 year ago, but less than 2 years	1	1	1	1
2 years ago, but less than 3 years	2	2	2	2
3 years ago, but less than 5 years	3	3	3	3
5 or more years ago	4	4	4	4
Don't know	7	7	7	7
Refused	9	9	9	9

ASK OF MEN AND WOMEN 40 YEARS AND OLDER

- 19a. A digital rectal exam is an exam in which a doctor, nurse or other health professional places a gloved finger into the rectum to feel the size, shape, and hardness of the prostate gland. Have you ever had a digital rectal exam?

What about (name)?

DRE ever	1	2	3	4
No (GO TO 20)	0	0	0	0
Yes	1	1	1	1
Don't know	7	7	7	7
Refused	9	9	9	9

- 19b. How long has it been since your last digital rectal exam?

What about (name)?

Time since last DRE	1	2	3	4
Less than 12 months ago	0	0	0	0
1 year ago, but less than 2 years	1	1	1	1
2 years ago, but less than 3 years	2	2	2	2
3 years ago, but less than 5 years	3	3	3	3
5 or more years ago	4	4	4	4
Don't know	7	7	7	7
Refused	9	9	9	9

The next few questions ask about dieting and general nutrition patterns. This is about you and not the entire household.

20. Do you consider yourself overweight, underweight, or just about right?

- 1 Overweight
- 2 Underweight
- 3 Just about right
- 7 Don't know
- 9 Refused

21. About how many servings of vegetables do you eat per week, not counting salads or potatoes?

Probe: *An estimated number of times is fine.*

_____ servings per week

- 0 Never
- 77 Don't know/not sure
- 99 Refused

22. About how many servings of fruit do you eat per week, not counting juices?

Probe--*An estimated number of servings is fine.*

_____ servings per week

- 0 Never
- 77 Don't know/not sure
- 99 Refused

23. What kind of milk do you drink?

- 0 None
- 1 Whole Milk
- 2 2% Milk
- 3 1% Milk
- 4 Skim Milk
- 5 Other _____
- 77 Don't know/not sure
- 99 Refused

The next set of questions ask about certain behaviors that may affect your health.

24. Tell me which statement I read best describes your physical activity. By physical activity I mean work or leisure activities that involves sustained physical exertion and increases your breathing such as, walking briskly, running, lifting, and carrying. This question is about you and not of everyone in your household.

READ CATEGORIES

- 1 "I don't get any physical activity"
- 2 "Once in a while I take part in physical activity"
- 3 "I take part in physical activity at least 3 times a week"
- 7 Don't know
- 9 Refused

The following physical activity questions are concentrating on everyone in your household.

25a. How often do you do VIGOROUS activities for AT LEAST 10 MINUTES that cause HEAVY sweating or LARGE increases in breathing or heart rate?

What about (name)?

Probe: *How many times per day, per week, per month, or per year do you do these activities?*

Vigorous activity for at least 10 minutes	1	2	3	4
1-995 per day, week, month, year	___ per day ___ per week ___ per month ___ per year	___ per day ___ per week ___ per month ___ per year	___ per day ___ per week ___ per month ___ per year	___ per day ___ per week ___ per month ___ per year
Never (GO TO 26a)	000	000	000	000
Don't know (GO TO 26a)	777	777	777	777
Unable to do this type of activity (GO TO 26a)	888	888	888	888
Refused (GO TO 26a)	999	999	999	999

25b. About how long do you do these vigorous activities each time?

Length of vigorous activity	1	2	3	4
1-995 minutes or hours	___ minutes ___ hours	___ minutes ___ hours	___ minutes ___ hours	___ minutes ___ hours
Don't know	777	777	777	777
N/A	888	888	888	888
Refused	999	999	999	999

25c. Each time you do these vigorous activities, do you do them 20 minutes or more, or less than 20 minutes?

What about (name)?

Vigorous activity 20 minutes or more	1	2	3	4
Less than 20 minutes	0	0	0	0
20 minutes or more	1	1	1	1
Don't know	7	7	7	7
N/A	8	8	8	8
Refused	9	9	9	9

- 26a. How often do you do LIGHT OR MODERATE activities for AT LEAST 10 MINUTES that cause ONLY LIGHT sweating or a SLIGHT to MODERATE increase in breathing or heart rate?

What about (name)?

Probe: *How many times per day, per week, per month, or per year do you do these activities?*

LIGHT or MODERATE activity for at least 10 minutes	1	2	3	4
1-995 per day, week, month, year	___ per day ___ per week ___ per month ___ per year	___ per day ___ per week ___ per month ___ per year	___ per day ___ per week ___ per month ___ per year	___ per day ___ per week ___ per month ___ per year
Never (GO TO 27)	000	000	000	000
Don't know (GO TO 27)	777	777	777	777
Unable to do this type of activity (GO TO 27)	888	888	888	888
Refused (GO TO 27)	999	999	999	999

- 26b. About how long do you do these light or moderate activities each time?

What about (name)?

Length of LIGHT or MODERATE activity	1	2	3	4
1-995 minutes or hours	___ minutes ___ hours	___ minutes ___ hours	___ minutes ___ hours	___ minutes ___ hours
Don't know	777	777	777	777
N/A	888	888	888	888
Refused	999	999	999	999

- 26c. Each time you do these light or moderate activities, do you do them 20 minutes or more, or less than 20 minutes?

What about (name)?

Light or moderate activity 20 minutes or more	1	2	3	4
Less than 20 minutes	0	0	0	0
20 minutes or more	1	1	1	1
Don't know	7	7	7	7
N/A	8	8	8	8
Refused	9	9	9	9

27. How often do you do physical activities specifically designed to **STRENGTHEN** your muscles such as lifting weights or doing calisthenics? (Include all such activities even if you have mentioned them before.)

What about (name)?

Probe: *How many times per day, per week, per month, or per year do you do these activities?*

Physical activity to strengthen muscles	1	2	3	4
1-995 per day, week, month, year	__ per day __ per week __ per month __ per year	__ per day __ per week __ per month __ per year	__ per day __ per week __ per month __ per year	__ per day __ per week __ per month __ per year
Never	000	000	000	000
Don't know	777	777	777	777
Unable to do this type of activity	888	888	888	888
Refused	999	999	999	999

28. On an average day, how many hours do you (does name) watch TV or spend time in front of a monitor (such as a computer, handheld games, etc.)? Do not consider the hours you watch any type of monitor for work or school, just recreational watching.

What about (name)?

TV hours on average day	1	2	3	4
I do not watch TV on an average day	0	0	0	0
Less than 1 hour per day	1	1	1	1
1 hour per day	2	2	2	2
2 hours per day	3	3	3	3
3 hours per day	4	4	4	4
4 hours per day	5	5	5	5
5 or more hours per day	6	6	6	6
Don't know	7	7	7	7
Refused	9	9	9	9

- 29a. When driving or riding in **THE FRONT SEAT** of a car or truck, do you wear a seatbelt all or most of the time, some of the time, once in awhile, or never?

What about (name)?

Front seat belt	1	2	3	4
Never	0	0	0	0
All or most of the time	1	1	1	1
Some of the time	2	2	2	2
Once in a while	3	3	3	3
Don't ride in car/truck	4	4	4	4
Don't know	7	7	7	7
Refused	9	9	9	9

- 29b. When riding in **THE BACK SEAT** of a car or truck, do you wear a seatbelt all or most of the time, some of the time, once in awhile, or never?

What about (name)?

Back seat belt	1	2	3	4
Never	0	0	0	0
All or most of the time	1	1	1	1
Some of the time	2	2	2	2
Once in a while	3	3	3	3
Don't ride in car/truck	4	4	4	4
Don't know	7	7	7	7
Refused	9	9	9	9

- 30a. Have you smoked at least 100 **cigarettes** in your entire life?

What about (name)?

100 cigarettes	1	2	3	4
Yes	1	1	1	1
No (GO TO 31a)	0	0	0	0
Don't know (GO TO 31a)	7	7	7	7
Refused (GO TO 31a)	9	9	9	9

30b. Do you **now** smoke cigarettes?

What about (name)?

Now smokes	1	2	3	4
Not at all (GO TO 30f)	0	0	0	0
Everyday	1	1	1	1
Some days	2	2	2	2
Don't know (GO TO 31a)	7	7	7	7
N/A (GO TO 31a)	8	8	8	8
Refused (GO TO 31a)	9	9	9	9

30c. How many cigarettes per day do you usually smoke?

Cigarettes per day	1	2	3	4
Cigarettes per day				
Don't know	7	7	7	7
N/A	8	8	8	8
Refused	9	9	9	9

30d. Have you ever tried to quit smoking?

What about (name)?

Tried Quitting	1	2	3	4
Yes	1	1	1	1
No (GO TO 31a)	0	0	0	0

30e. How many times have you tried to quit?

What about (name)?

	1	2	3	4
# of Times				

30f. Please tell me if you used any of the following products when trying to quit smoking?

What about (name)?

Products	1	2	3	4
None	0	0	0	0
The nicotine patch	1	1	1	1
Nicotine gum	2	2	2	2
Zyban	3	3	3	3
Inhaler	4	4	4	4
Alternative treatments such as acupuncture	5	5	5	5
N/A	8	8	8	8
Refused	9	9	9	9

31a. Have you smoked a **pipe** at least 20 times in your entire life?

What about (name)?

Pipe at least 20 times	1	2	3	4
Yes	1	1	1	1
No (GO TO 32a)	0	0	0	0
Don't know (GO TO 32a)	7	7	7	7
N/A (GO TO 32a)	8	8	8	8
Refused (GO TO 32a)	9	9	9	9

31b. Do you **now** smoke a pipe?

What about (name)?

Now smokes a pipe	1	2	3	4
Not at all	0	0	0	0
Everyday	1	1	1	1
Some days	2	2	2	2
Don't know	7	7	7	7
N/A	8	8	8	8
Refused	9	9	9	9

32a. Have you smoked a **cigar** at least 20 times in your entire life?

What about (name)?

At least 20 times for cigar	1	2	3	4
Yes	1	1	1	1
No (GO TO 33b)	0	0	0	0
Don't know (GO TO 33b)	7	7	7	7
Refused (GO TO 33b)	9	9	9	9

32b. Do you **now** smoke a cigar?

What about (name)?

Smoke a cigar	1	2	3	4
Not at all	0	0	0	0
Everyday	1	1	1	1
Some days	2	2	2	2
Don't know	7	7	7	7
N/A	8	8	8	8
Refused	9	9	9	9

33a. Have you used **snuff**, such as Skoal, Skoal Bandit, or Copenhagen at least 20 times in your entire life?

What about (name)?

At least 20 times for snuff	1	2	3	4
Yes	1	1	1	1
No (GO TO 34a)	0	0	0	0
Don't know (GO TO 34a)	7	7	7	7
Refused (GO TO 34a)	9	9	9	9

33b. Do you **now** use snuff?

What about (name)?

Use snuff	1	2	3	4
Not at all	0	0	0	0
Everyday	1	1	1	1
Some days	2	2	2	2
Don't know	7	7	7	7
N/A	8	8	8	8
Refused	9	9	9	9

- 34a. Have you used **chewing tobacco**, such as Redman, Levi Garrett or Beechnut at least 20 times in your entire life?

What about (name)?

At least 20 times for cigar	1	2	3	4
Yes	1	1	1	1
No (GO TO 35)	0	0	0	0
Don't know (GO TO 35)	7	7	7	7
Refused (GO TO 35)	9	9	9	9

- 34b. Do you **now** use chewing tobacco?

What about (name)?

Use chewing tobacco	1	2	3	4
Not at all	0	0	0	0
Everyday	1	1	1	1
Some days	2	2	2	2
Don't know	7	7	7	7
N/A	8	8	8	8
Refused	9	9	9	9

The following questions help us understand the way adults in your county use alcoholic beverages. This includes anything from beer and wine coolers to vodka, rum, gin, and whiskey.

- 35a. In the PAST YEAR, how often did you drink any type of alcoholic beverage?

What about (name)?

Drinks in the past year	1	2	3	4
1-365 per day, week, month, year	__ per day __ per week __ per month __ per year	__ per day __ per week __ per month __ per year	__ per day __ per week __ per month __ per year	__ per day __ per week __ per month __ per year
Never (GO TO 37a)	000	000	000	000
Don't know (GO TO 37a)	777	777	777	777
Refused (GO TO 37a)	999	999	999	999

35b. In the PAST YEAR, on those days that you drank alcoholic beverages, on the average, how many drinks did you have?

What about (name)?

Drinks on days in past year	1	2	3	4
1-94				
95 or more	95	95	95	95
Don't know	97	97	97	97
Not applicable	98	98	98	98
Refused	99	99	99	99

35c. In the PAST YEAR, on how many DAYS did you have 5 or more drinks of any alcoholic beverage?

What about (name)?

Days five drinks or more	1	2	3	4
1-365 # of days	____ day(s)	____ day(s)	____ day(s)	____ day(s)
Never	000	000	000	000
Don't know	777	777	777	777
Refused	999	999	999	999

OK. For the next four questions, please indicate the answer that best describes all the adults in OUR HOUSEHOLD. We don't need individual names for these questions. Please respond to each question with either never, occasionally, or often.

36a. Have you ever felt that someone in your household should cut down on their drinking?

- 0 No/never
- 1 Occasionally
- 2 Often
- 8 Not applicable/no alcohol drinkers
- 9 Refused

36b. Has anyone in your household ever felt annoyed by complaints about their drinking?

- 0 No/never
- 1 Occasionally
- 2 Often
- 8 Not applicable/no alcohol drinkers
- 9 Refused

36c. Has anyone in your household ever felt bad or guilty about their drinking?

- 0 No/never
- 1 Occasionally
- 2 Often
- 8 Not applicable/no alcohol drinkers
- 9 Refused

36d. Has anyone in your household ever had a drink first thing in the morning to steady nerves or get rid of a hangover?

- 0 No/never
- 1 Occasionally
- 2 Often
- 8 Not applicable/no alcohol drinkers
- 9 Refused

The next three questions deal with the use of street drugs. We are asking them only to get an idea of what the county's needs might be for services. I want to remind you that all questions I ask are voluntary, and that all answers you provide are strictly confidential.

37a. Has anyone living in your household ever used marijuana?

- 0 No
- 1 Yes
- 7 Not sure/don't know
- 9 Refused

37b. Has anyone living in your household ever used cocaine, crack, heroin, or any other street drug?

- 0 No
- 1 Yes
- 7 Not sure/don't know
- 9 Refused

37c. Has anyone living in your household **ever** used a needle to take street drugs?

- 0 No
- 1 Yes
- 7 Not sure/don't know
- 9 Refused

38. During the past 12 months, has anyone in your household witnessed or been involved in physical violence? I want to remind you that all questions I ask are voluntary, and that all answers you provide are strictly confidential.

Probe: *Such as pushing, grabbing, hitting, kicking or property damage.*

- 0 No
- 1 Yes
- 7 Not sure/don't know
- 9 Refused

OK great! We are almost finished! This last set of questions is meant to give us a general description of you (and those in your household).

39a. Are you of Hispanic origin?

What about (name)?

Hispanic Origin	1	2	3	4
No (GO TO 39c)	0	0	0	0
Yes	1	1	1	1
Don't know (GO TO 39c)	7	7	7	7
Refused (GO TO 39c)	9	9	9	9

39b. What is your country of origin?

What about (name)?

Hispanic Ancestry	1	2	3	4
Puerto Rican	0	0	0	0
Mexican	1	1	1	1
Cuban	2	2	2	2
Central American	3	3	3	3
South American	4	4	4	4
Other: _____	5	5	5	5
Don't know	7	7	7	7
N/A	8	8	8	8
Refused	9	9	9	9

39c. What race do you consider yourself ?

What about (name)?

	1	2	3	4
African American (Black)	1	1	1	1
White	2	2	2	2
Hispanic/Latino	3	3	3	3
Asian	4	4	4	4
American Indian/Alaskan Native	5	5	5	5
Other SPECIFY: _____	6	6	6	6
Refused	9	9	9	9

40. What is the HIGHEST grade or level of school you have completed or the highest degree you have received? _____

- ___ GED
- ___ High School Diploma
- ___ Associate Degree
- ___ Bachelors Degree
- ___ MS, MA, MPH
- ___ PhD
- ___ MD/Law
- ___ Don't know
- ___ Refused

41. Are **you now** married, widowed, divorced, separated, never married or living with a partner?

- 1 Married/ living with a partner
- 2 Widowed
- 3 Divorced
- 4 Separated
- 5 Never married
- 7 Not sure/don't know
- 9 Refused

42a. Are you currently employed?

What about (name)?

	1	2	3	4
No (GO TO 42c)	0	0	0	0
Yes	1	1	1	1
Don't know	7	7	7	7
Refused (GO TO 44)	9	9	9	9

42b Are you employed full-time, part-time or self-employed?

What about (name)?

<i>Employment status</i>	1	2	3	4
Employed full-time (GO TO 43a)	1	1	1	1
Employed part-time (GO TO 43a)	2	2	2	2
Self-employed (GO TO 43a)	3	3	3	3
Not applicable	8	8	8	8
Don't know	7	7	7	7
<i>Refused</i> (GO TO 44)	9	9	9	9

42c. Are you retired, disabled, a homemaker, a student, or looking for work?

What about (name)?

<i>Unemployment status</i>	1	2	3	4
Retired	1	1	1	1
Disabled/medical reason	2	2	2	2
Homemaker	3	3	3	3
Student	4	4	4	4
Looking for work	5	5	5	5
None of the above	6	6	6	6
Not applicable	8	8	8	8
Don't know	7	7	7	7
Refused	9	9	9	9

42d. Have you been unemployed less than 6 months or more than 6 months?

What about (name)?

Amount of time unemployed	1	2	3	4
Unemployed less than 6 months	0	0	0	0
Unemployed more than 6 months	1	1	1	1
Not applicable	8	8	8	8
Don't know	7	7	7	7
Refused	9	9	9	9

43a. How many employees work in your company or organization?

What about (name)?

Probe: *An estimated number of times is fine.*

<i>Number of employees in company</i>	1	2	3	4
1	1	1	1	1
2-10	2	2	2	2
11-25	3	3	3	3
26-50	4	4	4	4
<i>51-100</i>	5	5	5	5
<i>101-200</i>	6	6	6	6
<i>201-300</i>	7	7	7	7
<i>301-400</i>	8	8	8	8
<i>401-500</i>	9	9	9	9
<i>More than 500</i>	10	10	10	10
<i>Don't know</i>	77	77	77	77
<i>Not applicable</i>	88	88	88	88
<i>Refused</i>	99	99	99	99

43b. Does your employer or union offer a health insurance plan for employees or not?

What about (name)?

Employer/union offer health insurance	1	2	3	4
Yes	1	1	1	1
No	0	0	0	0
Don't know	7	7	7	7
Not applicable	8	8	8	8
Refused	9	9	9	9

43c. Does your employer pay for all, some, or none of the cost of health insurance coverage?

What about (name)?

Employer pays for some or none of the cost of health insurance	1	2	3	4
None	0	0	0	0
All	1	1	1	1
Some	2	2	2	2
Don't know	7	7	7	7
Not applicable	8	8	8	8
Refused	9	9	9	9

44. Which of the following is the closest to your current household yearly income, including all sources of income such as wages, retirement, alimony, child support, etc.?

Please stop me when I reach the category that best describes your household yearly income.

Read:

- | | | |
|---|----------------------|--|
| 1 | Less than \$10,000 | Less than \$10,000 |
| 2 | \$10,000 to \$29,999 | More than \$10,000 less than \$30,000 |
| 3 | \$30,000 to \$49,999 | More than \$30,000 less than \$50,000 |
| 4 | More than \$50,000 | More than \$50,000 |
| 7 | Don't know | |
| 9 | Refused | |

45. Finally, do you receive any form of public assistance, including food stamps, WIC, welfare support, etc?

What about (name)?

Public assistance	1	2	3	4
No	0	0	0	0
Yes	1	1	1	1
Don't know	7	7	7	7
Refused	9	9	9	9

ASK IF ONLY MORE THAN 1 ADULT IN HOUSEHOLD

46. Did you feel comfortable answering questions for other adult members of your household?

- 0 No
1 Yes
7 Don't Know
8 Not applicable/only one adult
9 Refused

That completes our survey. The information you provided will be used to help the Department of Health with the health needs of _____ County.

Would you be interested in receiving a summary report of the information gathered in this survey?

- 0 No
1 Yes

Would you like me to mail you a copy of the consent form that was read to you at the beginning of our conversation?

0	No
1	Yes

If yes: May I have your full name and address so I may send them to you.

Name: _____

Address _____

Before I go, do you have any questions or comments you'd like to share with me?

IF ASKED FOR YOUR OPINION ABOUT A CONDITION/PROBLEM:

Given the limited time we had together, I think a health professional/hospital would be the best source for your health needs.

IF ASKED WHERE TO GO TO HAVE HEALTH QUESTIONS ANSWERED OR WHERE TO GET HEALTH CARE:

I want to encourage you to contact your personal doctor if you have any health concerns. If you don't have a doctor, you can look in the yellow pages under family medicine, internal medicine, or obstetrics/gynecology, or call your local hospital.

Thank you again. Have a great day! Good-bye.

[illegible]

Time Ended _____

		Age	Sex		Height (FT IN)	Weight (LBS)	Check if Appropriate			
			M	F			PAP F	Breast Exam F, 30+	Mamm F, 40+	Prostate Screen M, 40+
<i>1</i>			1	0						
2			1	0						
3			1	0						
4			1	0						

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