

# APPENDIX E

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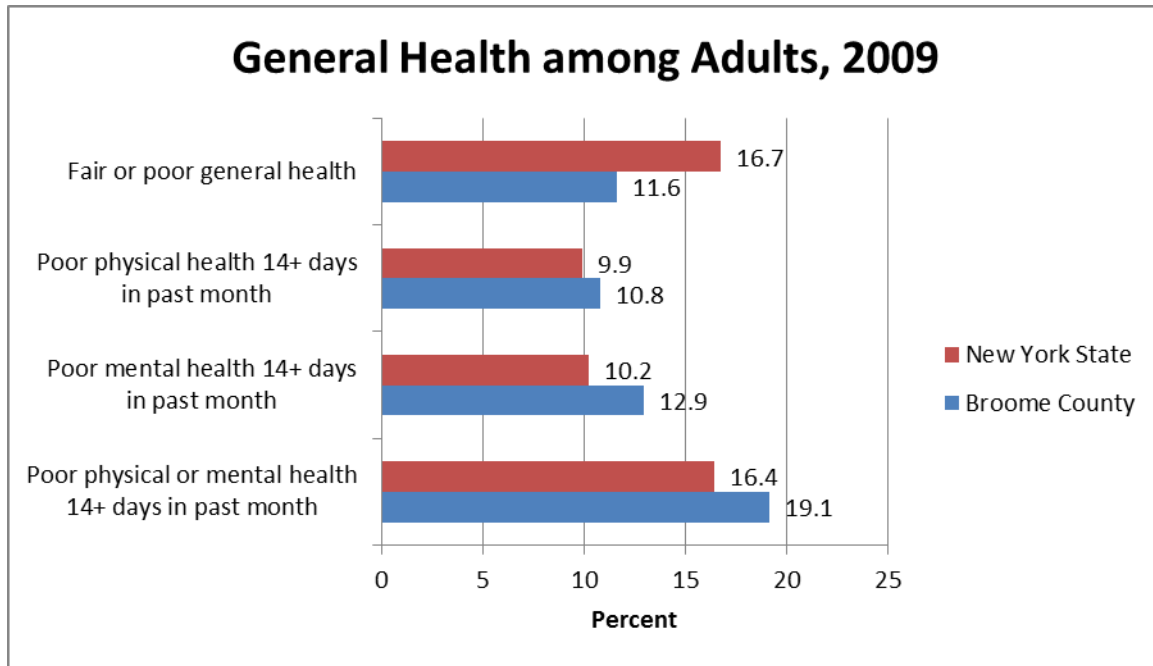
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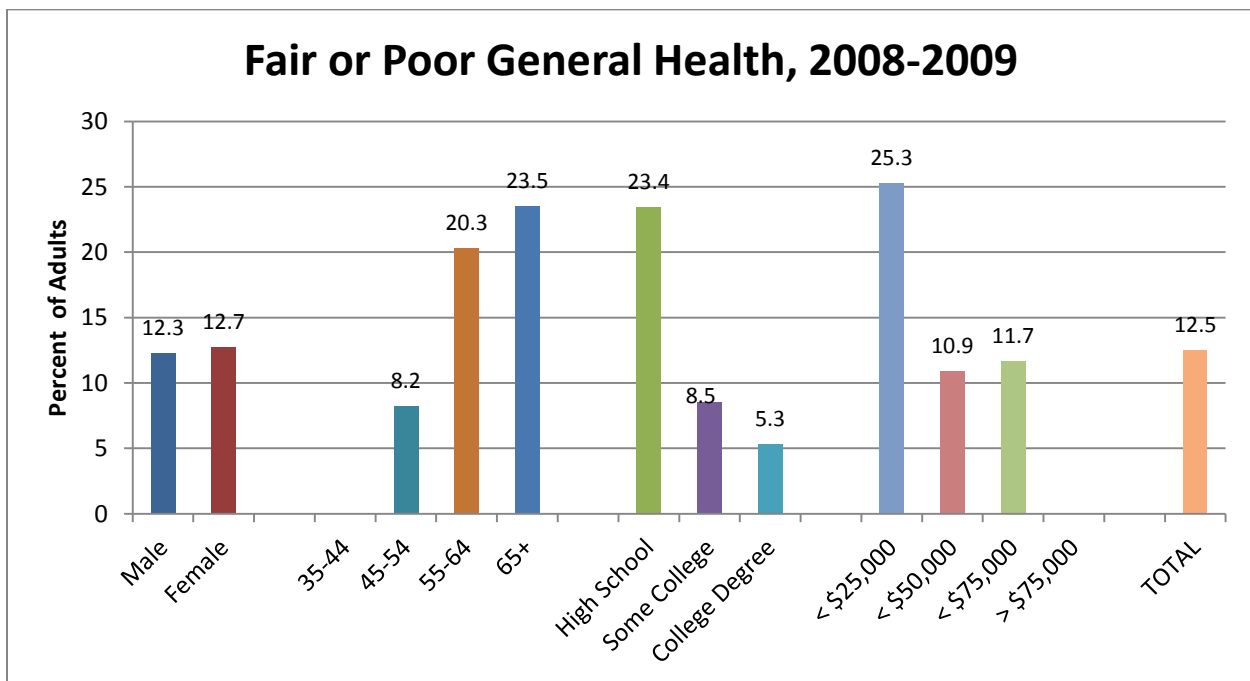
**GENERAL HEALTH STATUS**

**E 1. General Health among Adults [Age-Adjusted], Broome County, NYS, 2009**



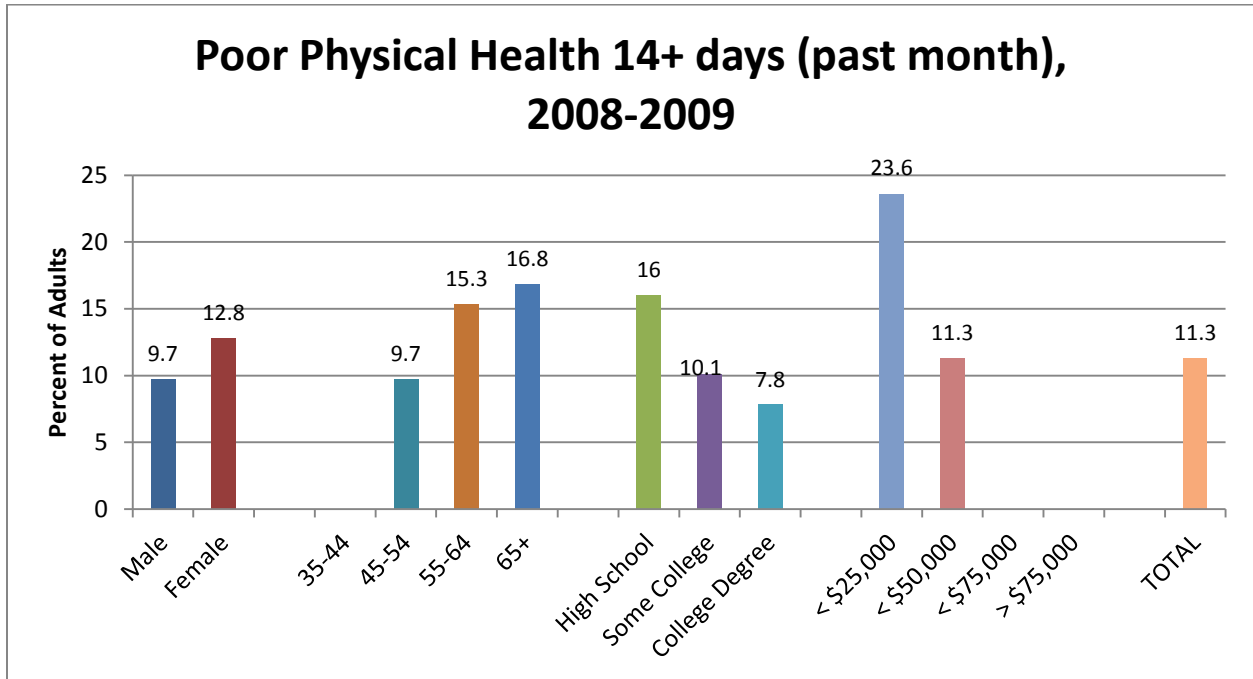
SOURCE: New York State Expanded Behavioral Risk Factor Surveillance System (BRFSS), Broome County, 2009

**E 2. Fair or Poor General Health among Adults, Broome County, NY, 2008-2009**



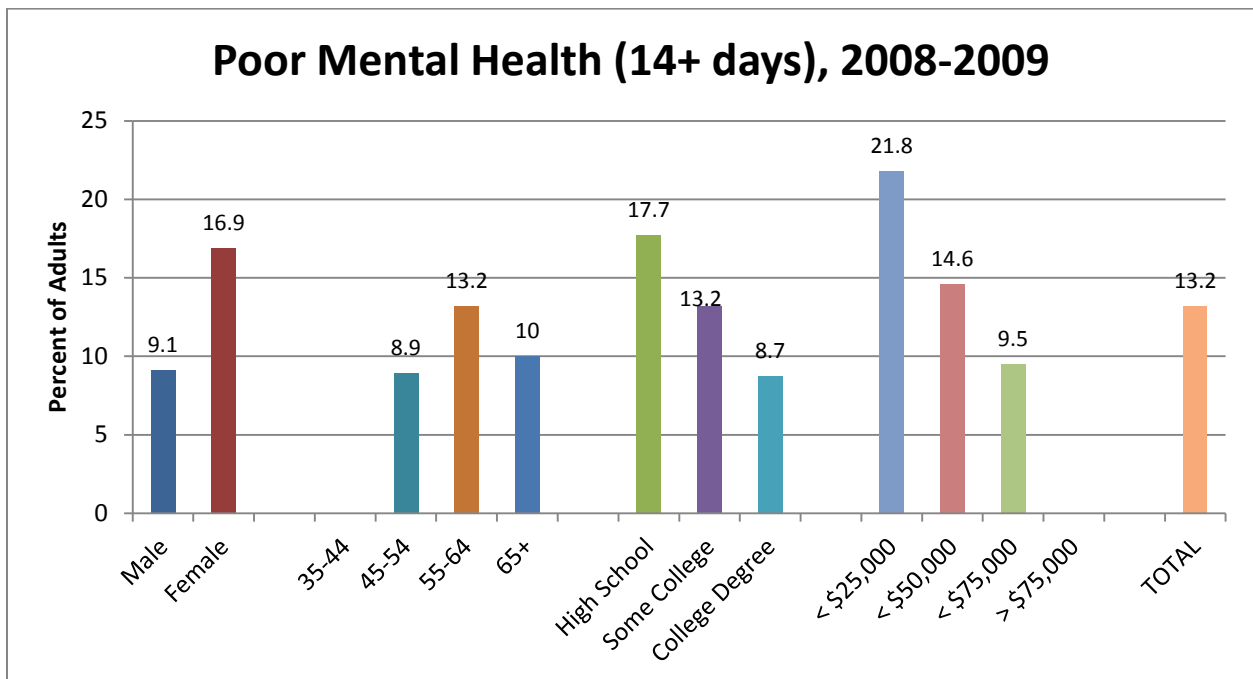
SOURCE: New York State Expanded Behavioral Risk Factor Surveillance System (BRFSS), Broome County, 2009

**E 3. Poor Physical Health 14 or More Days within the Past Month among Adults, Broome County, NY, 2008-2009**



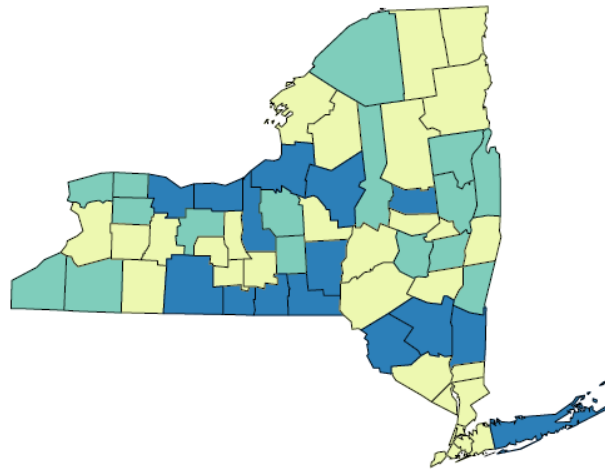
SOURCE: New York State Expanded Behavioral Risk Factor Surveillance System (BRFSS), Broome County, 2009

**E 4. Poor Mental Health 14 or More Days within the Past Month among Adults in Broome County, NY, 2008-2009**

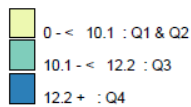


SOURCE: New York State Expanded Behavioral Risk Factor Surveillance System (BRFSS), Broome County, 2009

**E 5. Age-adjusted Percentage of Adults who had Poor Mental Health 14 or More Days Within the Past Month, 2008-2009**

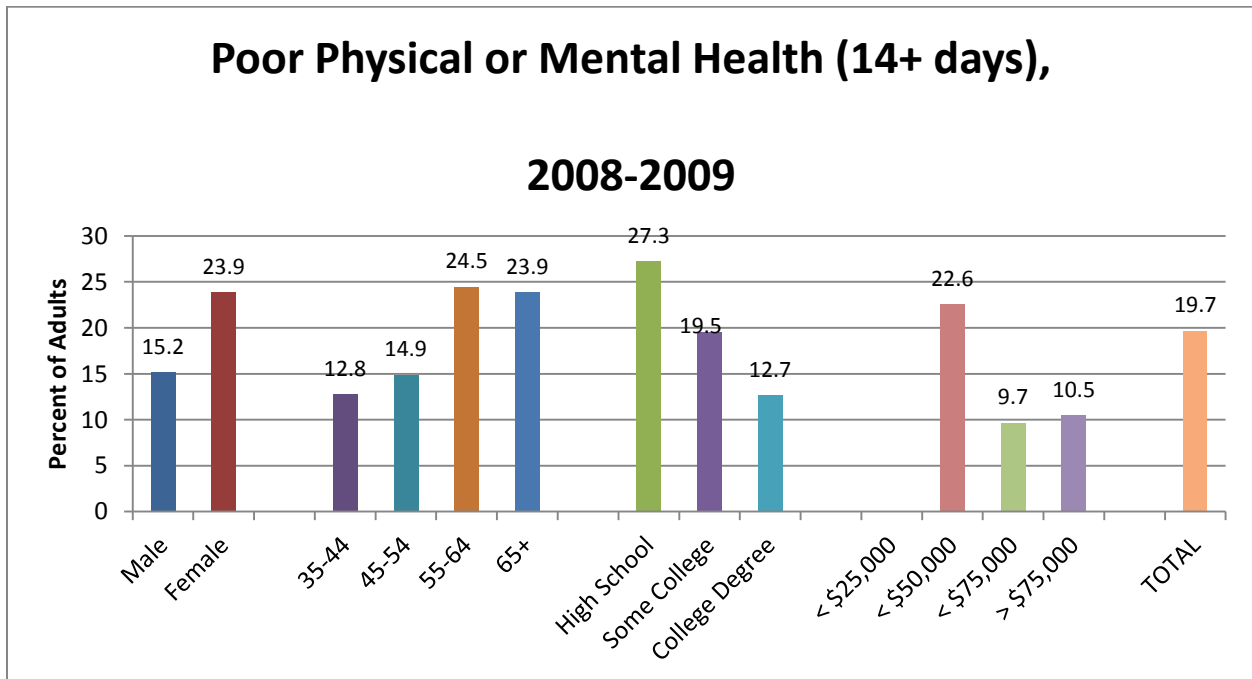


Age-adjusted percentage of adults  
Counties Are Shaded Based On Quartile Distribution



Source: 2008-2009 NYS Expanded Behavioral Risk Factor Surveillance System Data as of 2010

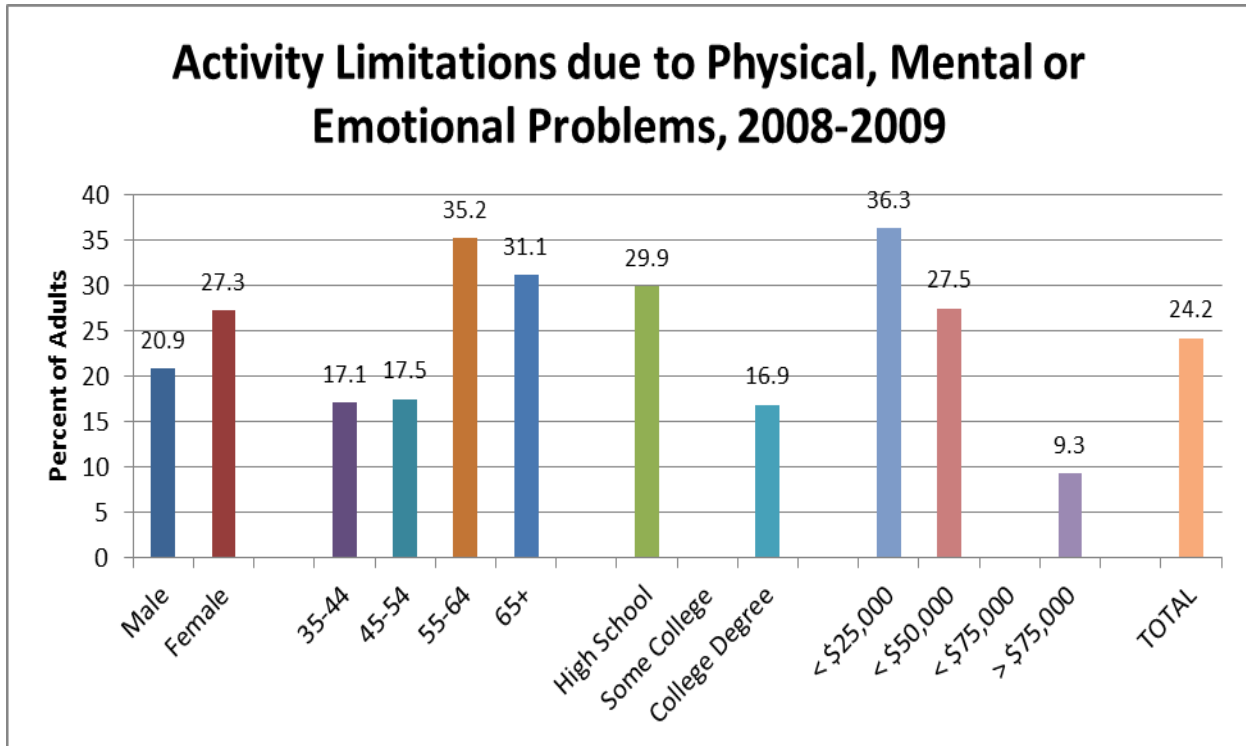
**E 6. Poor Physical or Mental Health 14 or More Days within the Past Month among Adults, Broome County, NY, 2008-2009**



SOURCE: New York State Expanded Behavioral Risk Factor Surveillance System (BRFSS), Broome County, 2009

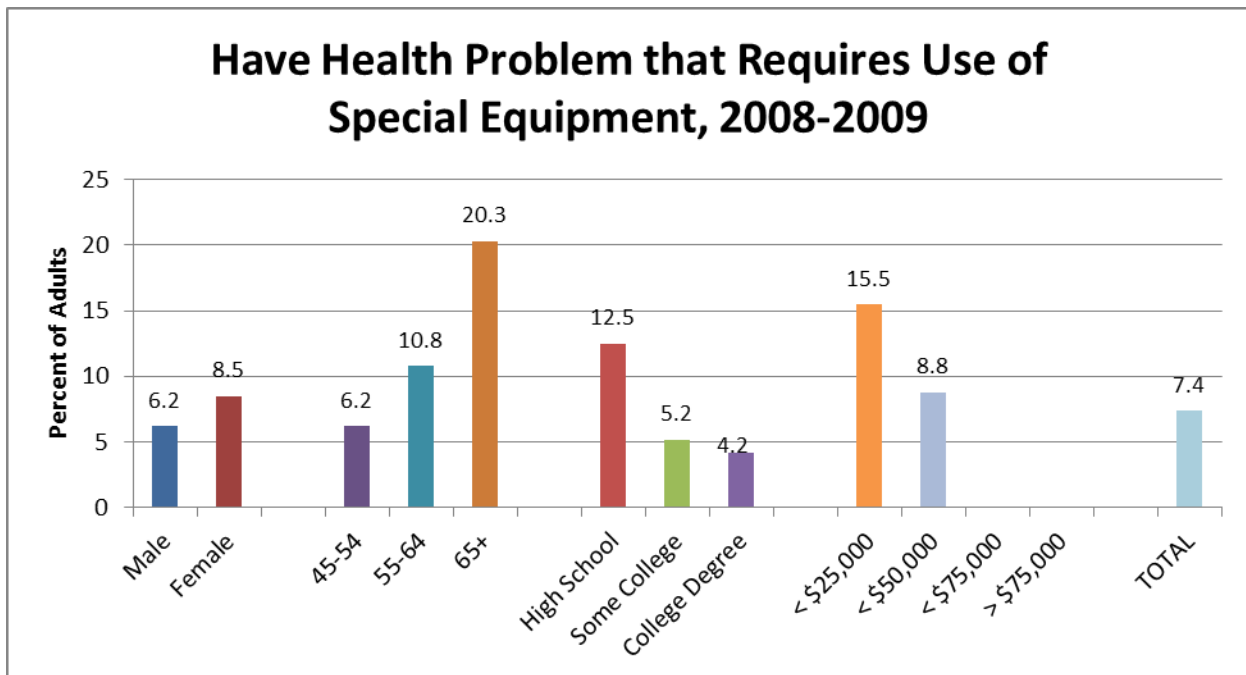


**E 7. Activity Limitations Because of Physical, Mental or Emotional Problems among Adults, Broome County, NY, 2008-2009**



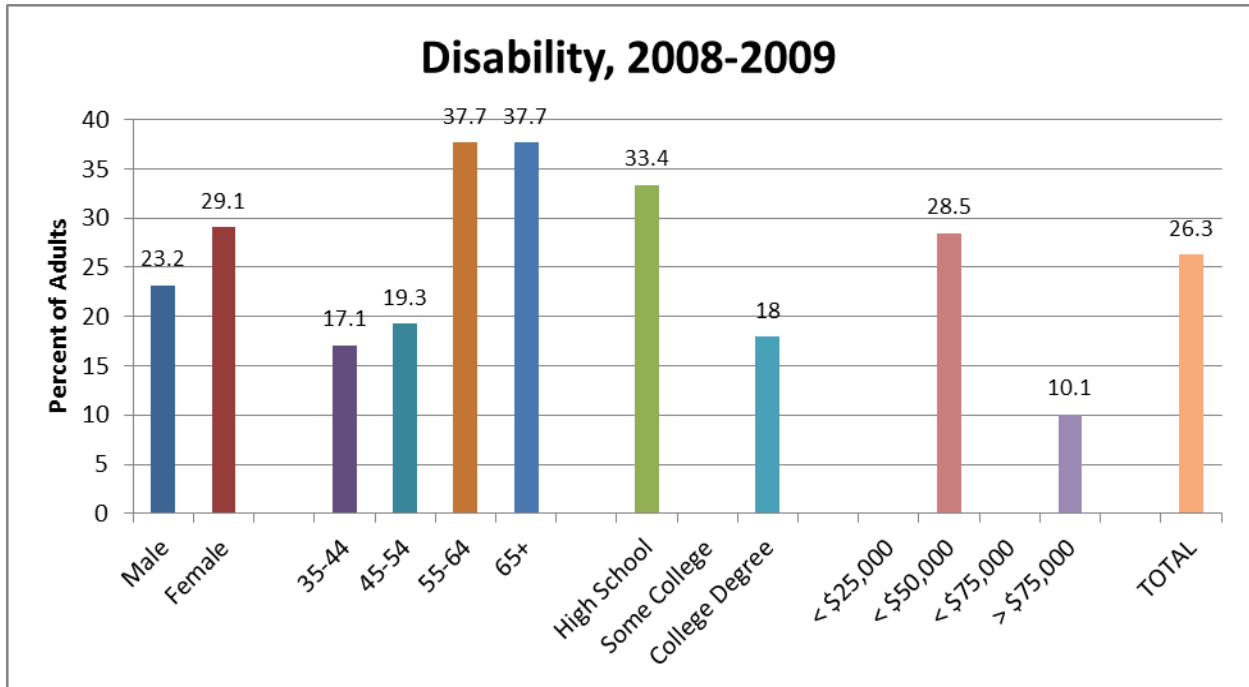
SOURCE: New York State Expanded Behavioral Risk Factor Surveillance System (BRFSS), Broome County, 2009

**E 8. Have Health Problem that Requires the Use of Special Equipment among Adults, Broome County, NY, 2008-2009**



SOURCE: New York State Expanded Behavioral Risk Factor Surveillance System (BRFSS), Broome County, 2009

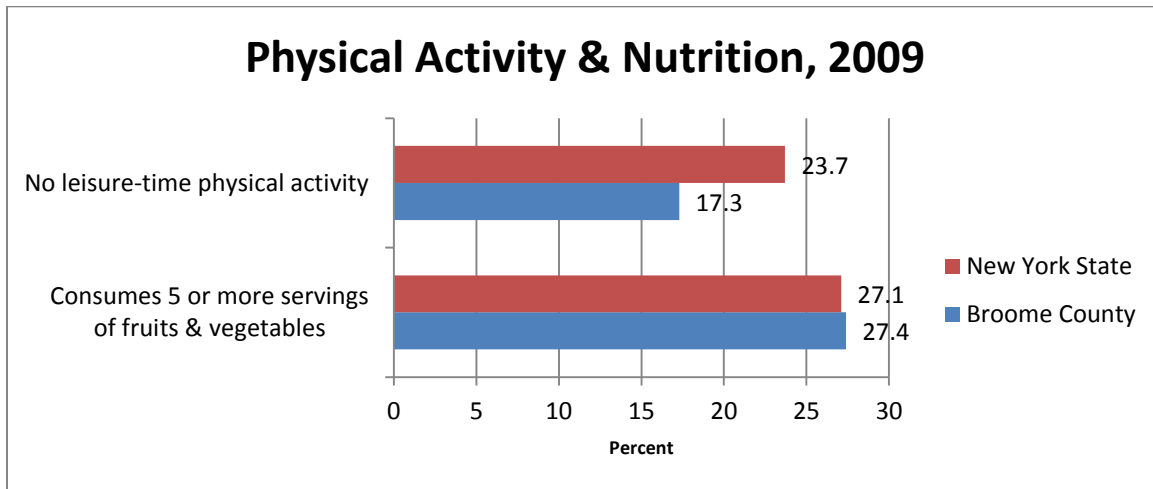
**E 9. Disability among Adults, Broome County, NY, 2008-2009**



SOURCE: New York State Expanded Behavioral Risk Factor Surveillance System (BRFSS), Broome County, 2009

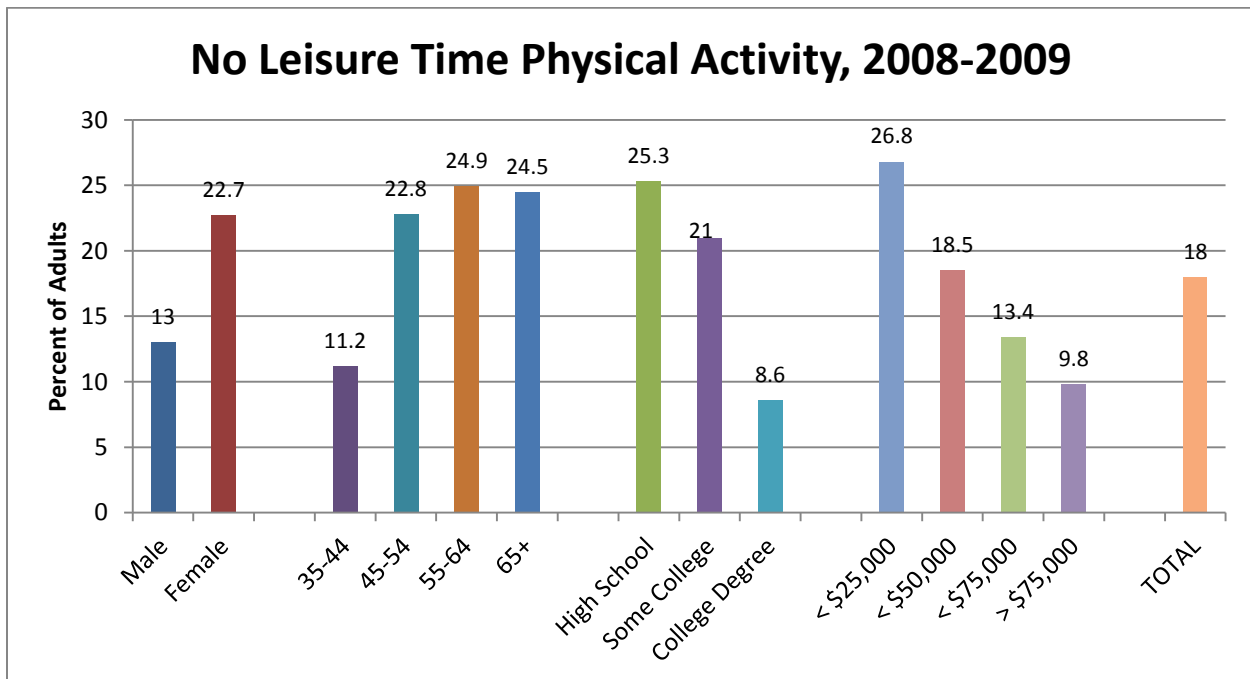
**PHYSICAL ACTIVITY & NUTRITION**

**E 10. Physical Activity and Nutrition among Adults [Age-Adjusted], Broome County, New York State, 2009**



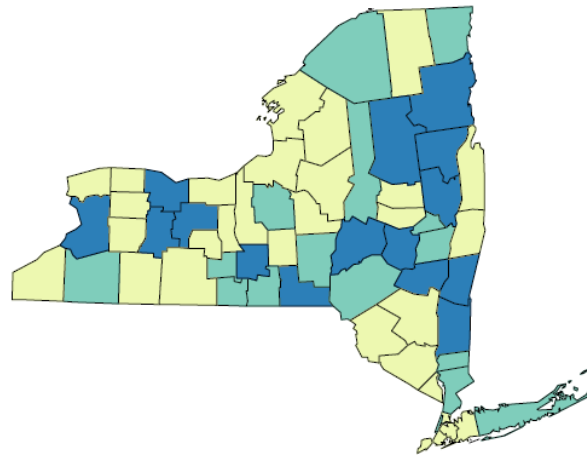
SOURCE: New York State Expanded Behavioral Risk Factor Surveillance System (BRFSS), Broome County, 2009

**E 11. No Leisure-time Physical Activity among Adults, Broome County, NY, 2008-2009**

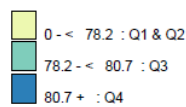


SOURCE: New York State Expanded Behavioral Risk Factor Surveillance System (BRFSS), Broome County, 2009

**E 12. Age-adjusted Percentage of Adults who did Not Participate in Leisure Time Physical Activity in Last 30 Days, 2008-2009**

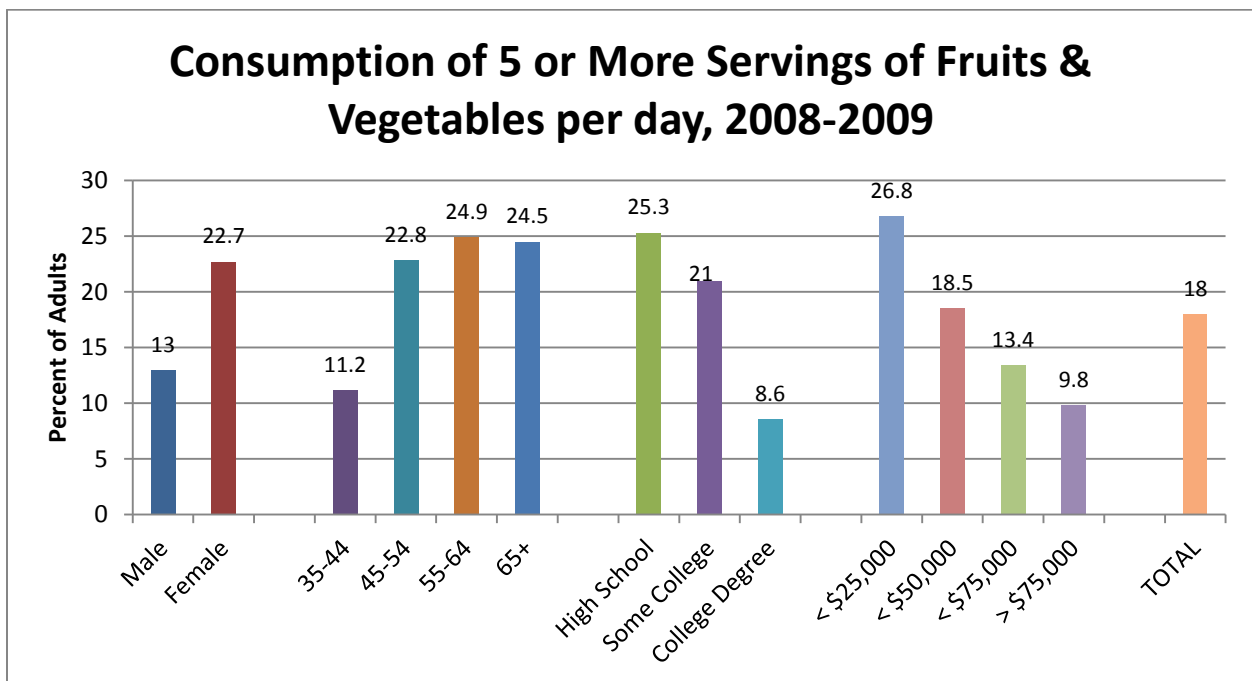


Age-adjusted percentage of adults  
Counties Are Shaded Based On Quartile Distribution



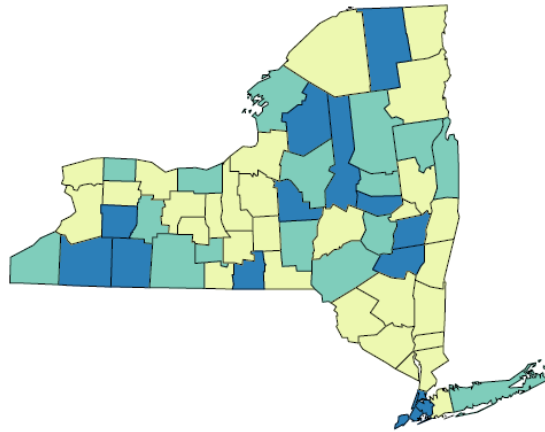
Source: 2008-2009 NYS Expanded Behavioral Risk Factor Surveillance System Data as of 2010

**E 13. Consumption of 5 or More Fruits and Vegetables per Day among Adults, Broome County, NY, 2008-2009**



SOURCE: New York State Expanded Behavioral Risk Factor Surveillance System (BRFSS), Broome County, 2009

**E 14. Age-adjusted Percentage of Adults Eating 5 or More Fruits and Vegetables per day, 2008-2009**

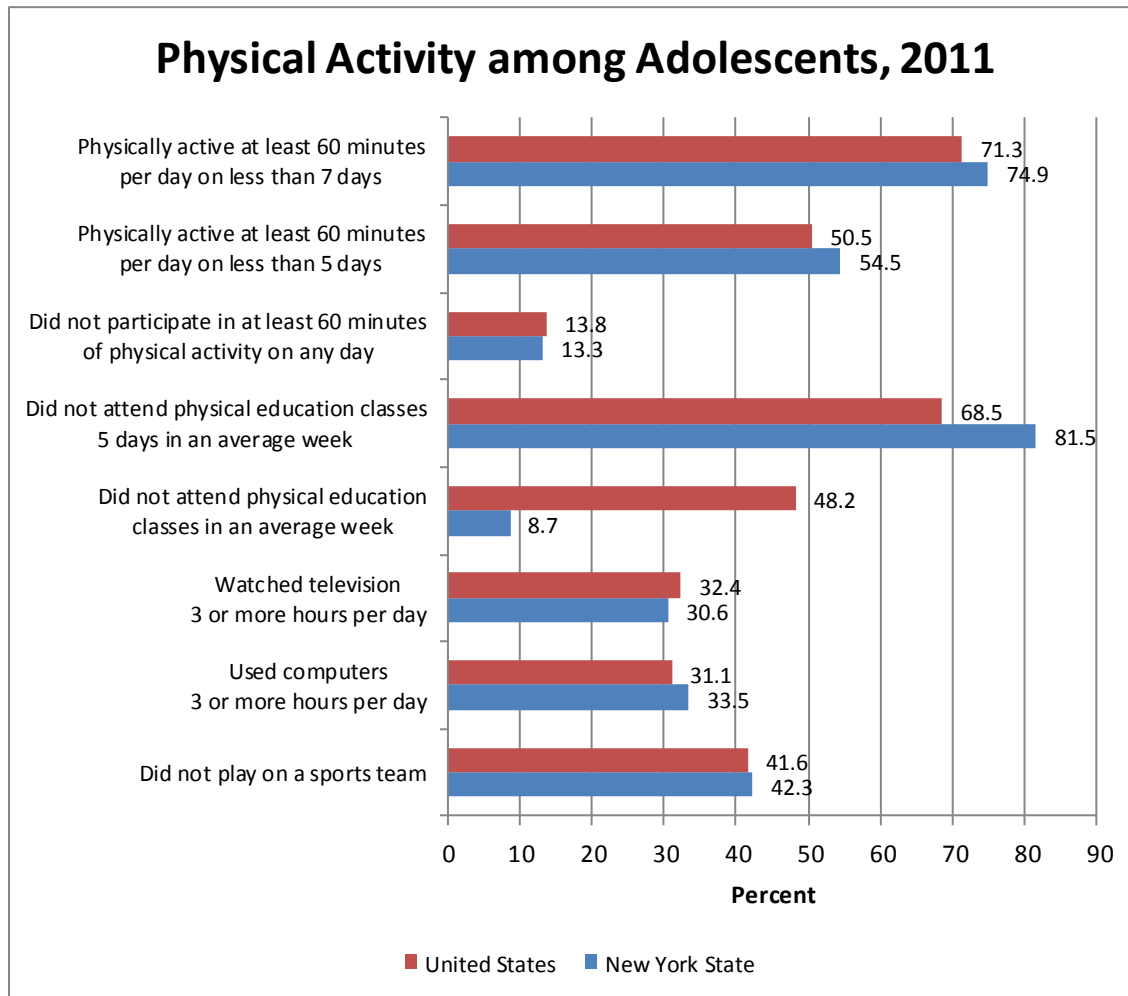


Age-adjusted percentage of adults  
Counties Are Shaded Based On Quartile Distribution

- 0 - < 24.0 : Q1
- 24.0 - < 26.0 : Q2
- 26.0 + : Q3 & Q4

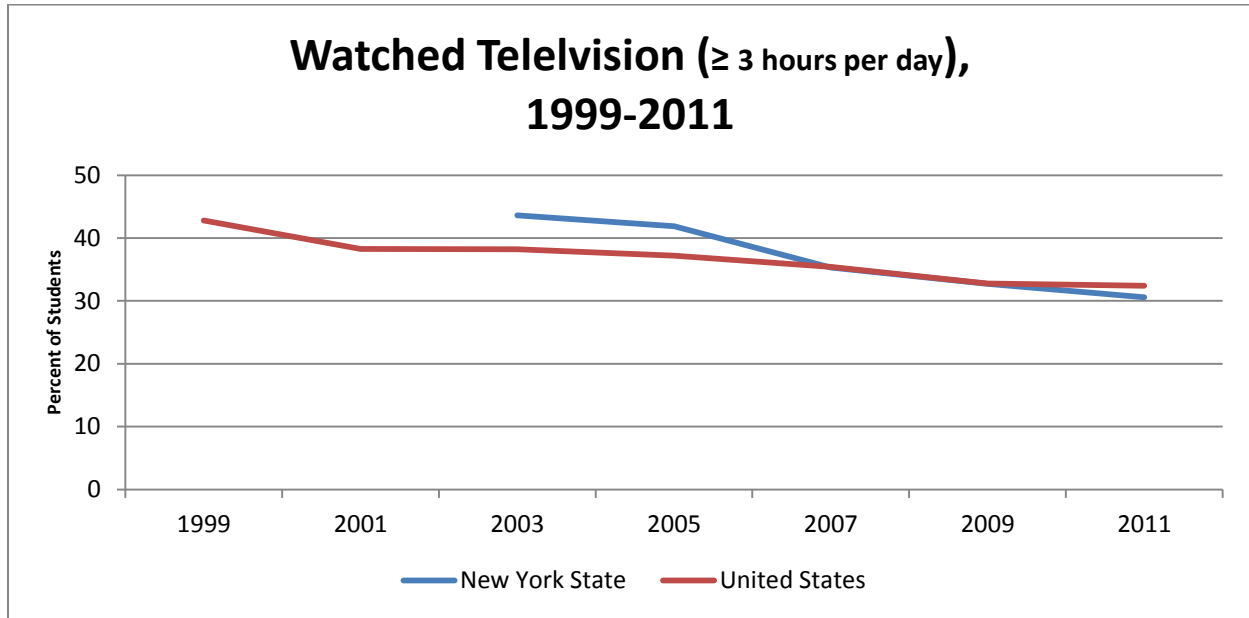
Source: 2008-2009 NYS Expanded Behavioral Risk Factor Surveillance System Data as of 2010

## E 15. Physical Activity among Adolescents, New York State, United States, 2011



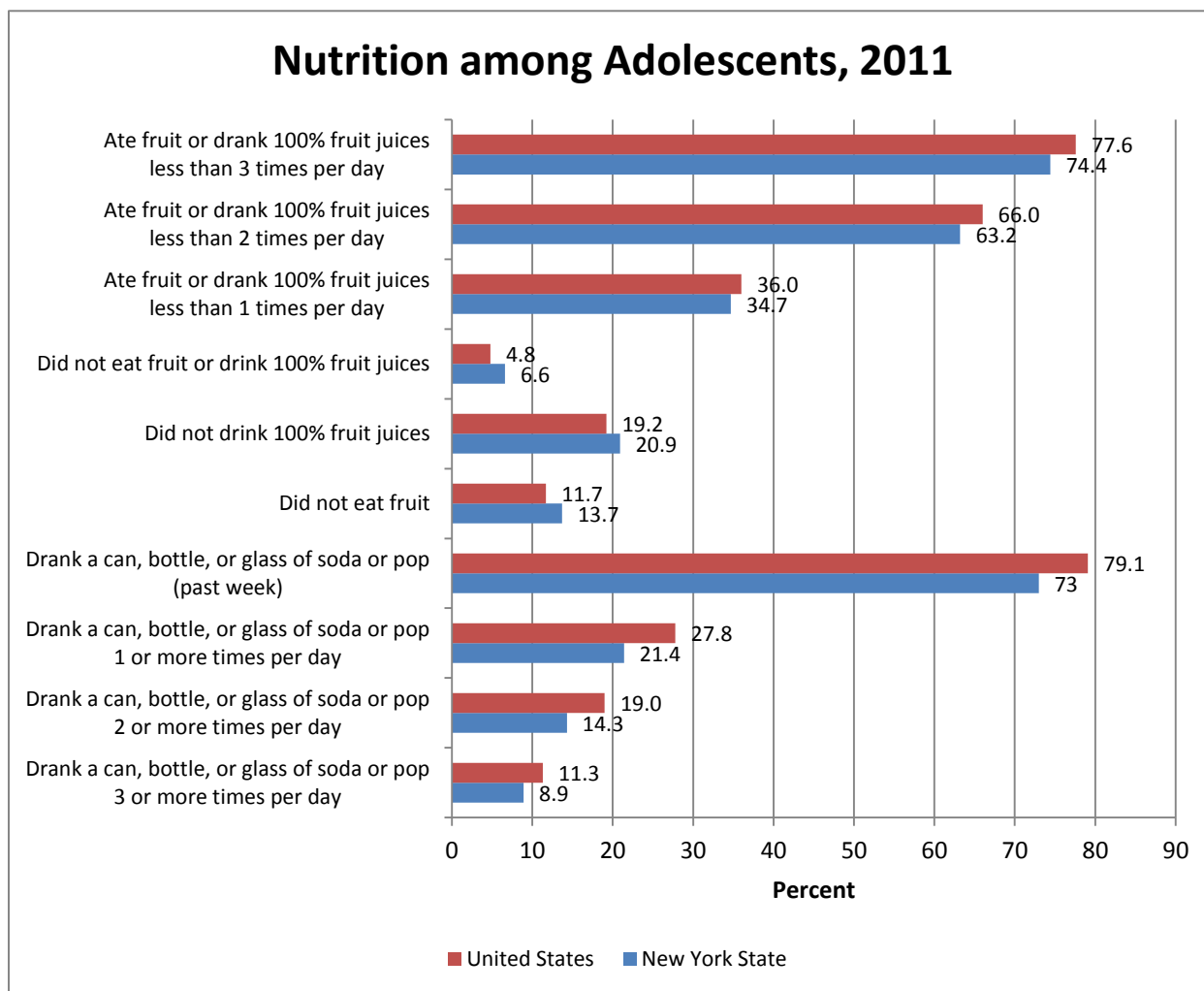
SOURCE: Youth Risk Behavior Surveillance System (YRBSS), 2011

**E 16. Television Viewing More than Three Hours per Day among Adolescents, New York State, United States, 1999-2011**



SOURCE: Youth Risk Behavior Surveillance System (YRBSS), 2011

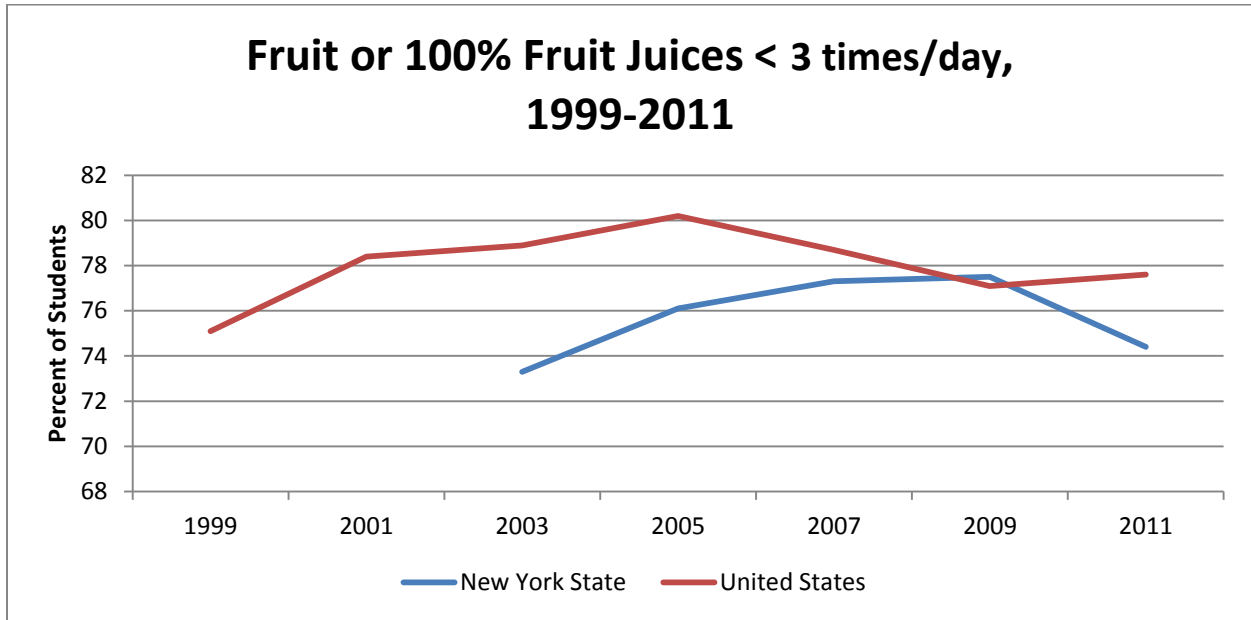
## E 17. Nutrition among Adolescents, New York State, United States, 2011



SOURCE: Youth Risk Behavior Surveillance System (YRBSS), 2011



**E 18. Consumption of Fruit or 100% Fruit Juice less than Three Times per Day among Adolescents, New York State, United States, 1999-2011**



SOURCE: Youth Risk Behavior Surveillance System (YRBSS), 2011

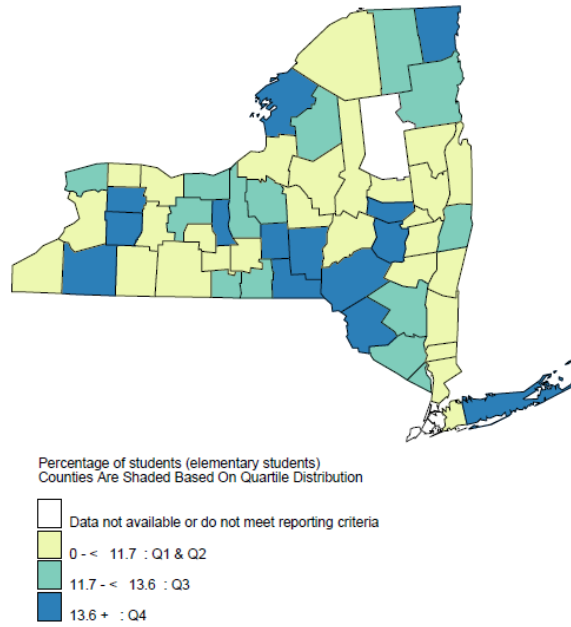
**OBESITY AND RELATED INDICATORS****E 19. Obesity and Related Indicators, Broome County, Upstate New York, New York State, 2008-2010**

Indicator	3 Year Total	Broome County	NYS	Upstate NY	Quartile Ranking	HP 2020 Goal	HP 2020 Goal Met
All students (elementary-Pre K, K, 2 <sup>nd</sup> , 4 <sup>th</sup> grades, middle-7 <sup>th</sup> grade and high school-10 <sup>th</sup> grade)							
% overweight but not obese (85 <sup>th</sup> percentile to less than 95 <sup>th</sup> percentile)	N/A	15.0	N/A	14.7	3 <sup>rd</sup>		
% obese (95 <sup>th</sup> percentile or higher)	N/A	17.1	N/A	16.5	3 <sup>rd</sup>		
% overweight or obese (85 <sup>th</sup> percentile or higher)	N/A	32.1	N/A	31.3	3 <sup>rd</sup>		
Elementary students (Pre K, K, 2 <sup>nd</sup> and 4 <sup>th</sup> grades)							
% overweight but not obese (85 <sup>th</sup> percentile to less than 95 <sup>th</sup> percentile)	N/A	13.7	N/A	13.3	4 <sup>th</sup>		
% obese (95 <sup>th</sup> percentile or higher)	N/A	14.7	N/A	15.2	2 <sup>nd</sup>	15.7	Y
% of overweight or obese (85 <sup>th</sup> percentile or higher)	N/A	28.4	N/A	28.5	3 <sup>rd</sup>		
Middle and high school students (7 <sup>th</sup> and 10 <sup>th</sup> grades)							
% overweight but not obese (85 <sup>th</sup> percentile to less than 95 <sup>th</sup> percentile)	N/A	16.9	N/A	16.6	3 <sup>rd</sup>		
% obese (95 <sup>th</sup> percentile or higher)	N/A	20.4	N/A	18.3	3 <sup>rd</sup>	16.1	
% overweight or obese (85 <sup>th</sup> percentile or higher)	N/A	37.2	N/A	34.9	3 <sup>rd</sup>		
% of pregnant women in WIC who were pre-pregnancy overweight but not obese (BMI 25 to less than 30) ~	881	23.8	26.6	26.3	2 <sup>nd</sup>		
% of pregnant women in WIC who were pre-pregnancy obese (BMI 30 or higher)~	1,109	30.0	23.4	26.7	3 <sup>rd</sup>		
% obese (95 <sup>th</sup> percentile or higher) children in WIC (ages 2-4 years)	964	14.6	14.5	15.2	2 <sup>nd</sup>		
% of children in WIC viewing TV 2 hours or less per day (ages 0-4 years)	5,780	81.6	78.6	80.7	3 <sup>rd</sup>		
% of WIC mothers breastfeeding at 6 months	505	19.8	39.7	28.7	3 <sup>rd</sup>		
Age-adjusted % of adults overweight or obese (BMI 25 or higher) (2008-2009)	N/A	63.7	59.3	60.6	3 <sup>rd</sup>		
Age-adjusted % of adults obese (BMI 30 or higher) (2008-2009)	N/A	24.9	23.1	24.3	2 <sup>nd</sup>		
Age-adjusted % of adults who did not participate in leisure time physical activity in the last 30 days (2008-2009)	N/A	82.7	76.3	78.9	4 <sup>th</sup>		
Age-adjusted % of adults eating 5 or more fruits or vegetables per day (2008-2009)	N/A	27.4	27.1	27.7	2 <sup>nd</sup>		
Age-adjusted % of adults with physician diagnosed diabetes (2008-2009)	N/A	8.6	9.0	8.5	2 <sup>nd</sup>		
Age-adjusted % of adults with physician diagnosed angina, heart attack, or stroke (2008-2009)	N/A	7.0	7.6	7.2	2 <sup>nd</sup>		

SOURCE: New York State Department of Health, County Health Assessment Indicators, 2008-2010

N/A – Data Not Available

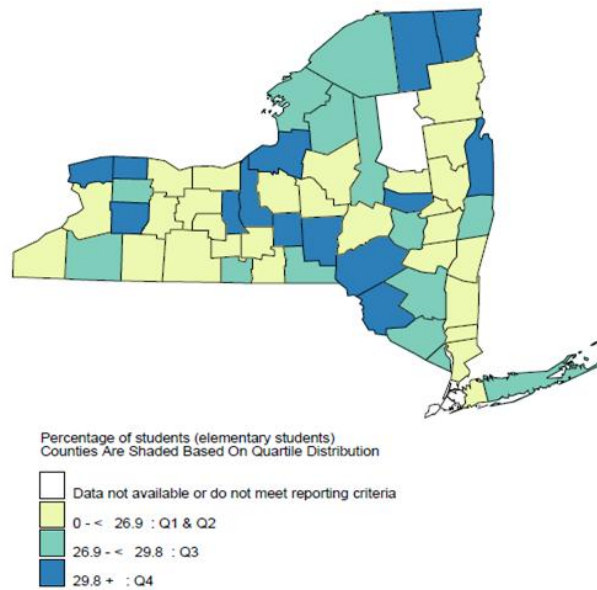
### E 20. Percentage Overweight but not Obese (85<sup>th</sup> < 95<sup>th</sup> Percentile) (Elementary Students), 2008-2010



Source: 2008-2010 Student Weight Status Category Reporting System Data as of July, 2012

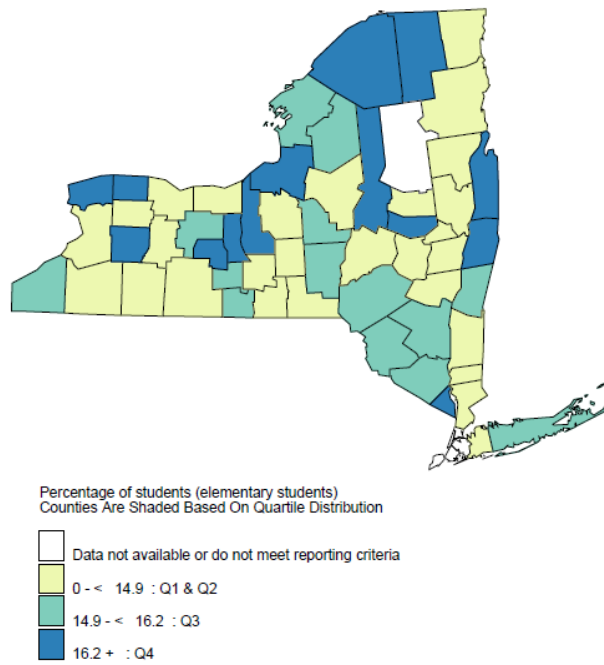
### E 21. Percentage Overweight or Obese (85<sup>th</sup> Percentile or Higher) (Elementary Students), 2008-2010

hart Area



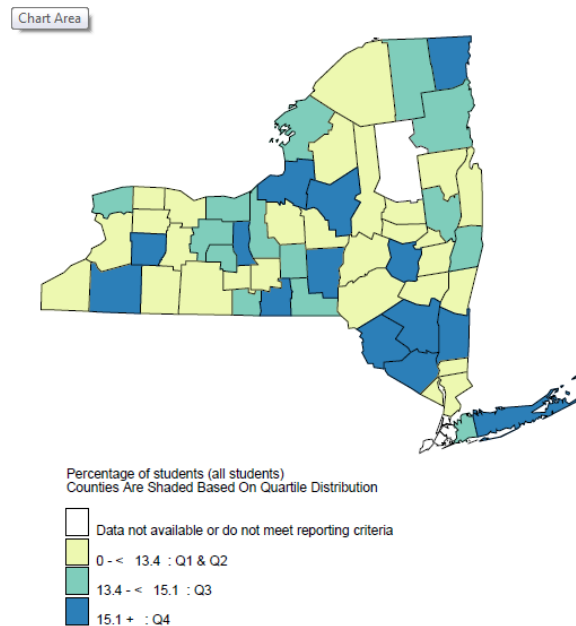
Source: 2008-2010 Student Weight Status Category Reporting System Data as of July, 2012

**E 22. Percentage Obese (95<sup>th</sup> Percentile or Higher) (Elementary Students), 2008-2010**



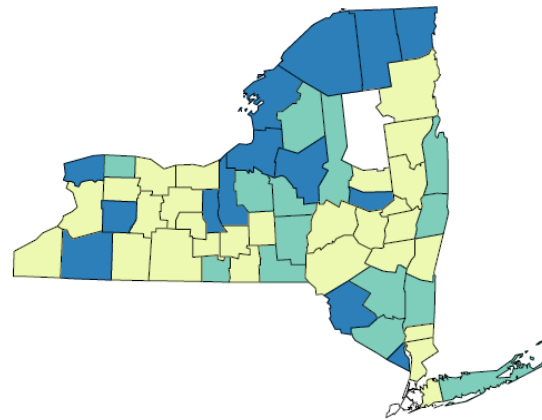
Source: 2008-2010 Student Weight Status Category Reporting System Data as of July, 2012

**E 23. Percentage Overweight but not Obese (85<sup>th</sup><95<sup>th</sup> Percentile) All Students (Elementary, Middle and High School), 2008-2010**



Source: 2008-2010 Student Weight Status Category Reporting System Data as of July, 2012

**E 24. Percentage Overweight or Obese (85<sup>th</sup> Percentile or Higher) All Students (Elementary, Middle and High School), 2008-2010**

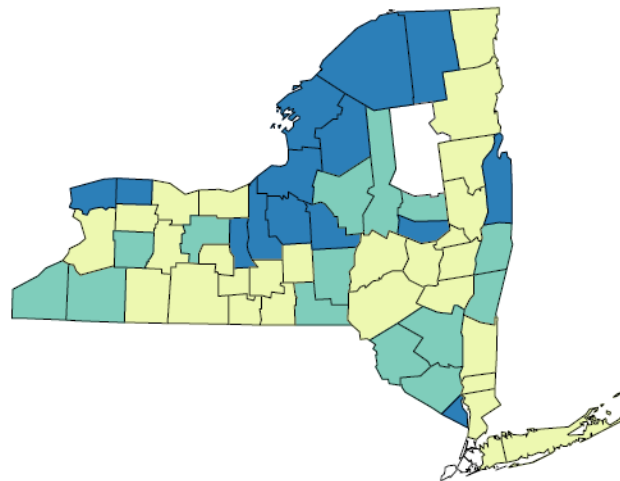


Percentage of students (all students)  
Counties Are Shaded Based On Quartile Distribution

- Data not available or do not meet reporting criteria
- 0 - < 31.3 : Q1 & Q2
- 31.3 - < 33.2 : Q3
- 33.2 + : Q4

Source: 2008-2010 Student Weight Status Category Reporting System Data as of July, 2012

**E 25. Percentage Obese (95<sup>th</sup> Percentile or Higher) All Students (Elementary, Middle and High School Students), 2008-2010**

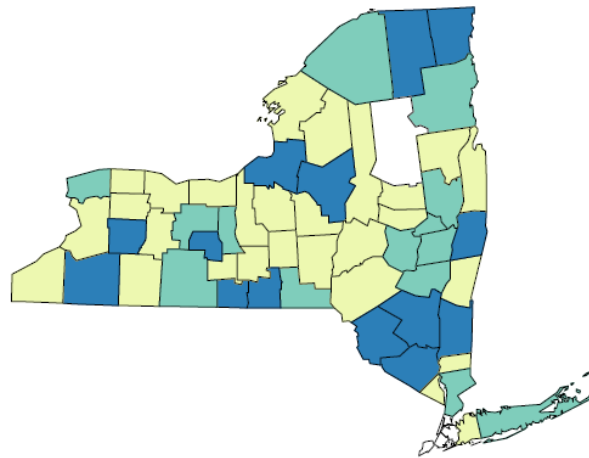


Percentage of students (all students)  
Counties Are Shaded Based On Quartile Distribution

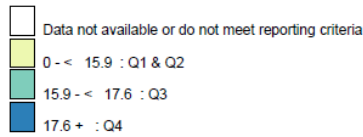
- Data not available or do not meet reporting criteria
- 0 - < 17.0 : Q1 & Q2
- 17.0 - < 19.4 : Q3
- 19.4 + : Q4

Source: 2008-2010 Student Weight Status Category Reporting System Data as of July, 2012

**E 26. Percentage Overweight but not Obese (85<sup>th</sup> < 95<sup>th</sup> Percentile) (Middle and High School Students), 2008-2010**

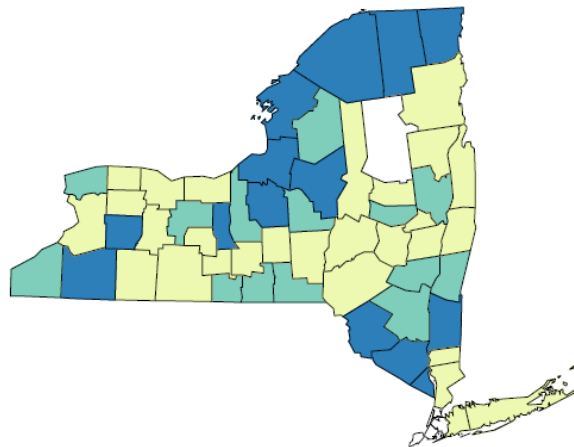


Percentage of students (middle and high school students)  
Counties Are Shaded Based On Quartile Distribution

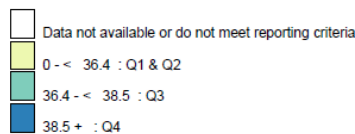


Source: 2008-2010 Student Weight Status Category Reporting System Data as of July, 2012

**E 27. Percentage Overweight or Obese (85<sup>th</sup> Percentile or Higher) (Middle and High School Students), 2008-2010**

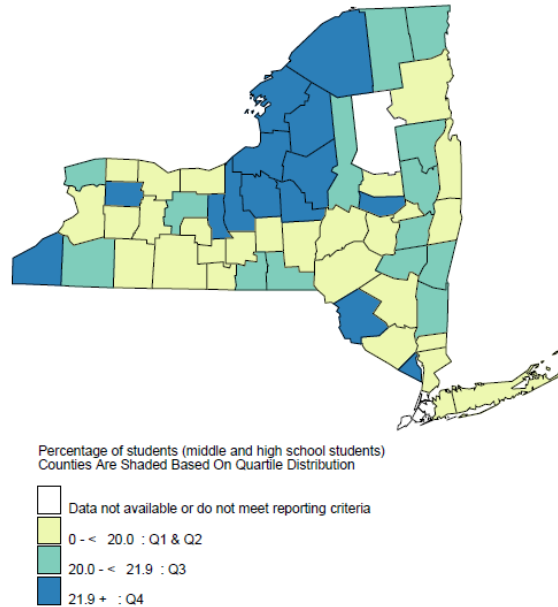


Percentage of students (middle and high school students)  
Counties Are Shaded Based On Quartile Distribution



Source: 2008-2010 Student Weight Status Category Reporting System Data as of July, 2012

**E 28. Percentage Obese (95<sup>th</sup> Percentile or Higher) (Middle and High School Students), 2008-2010**



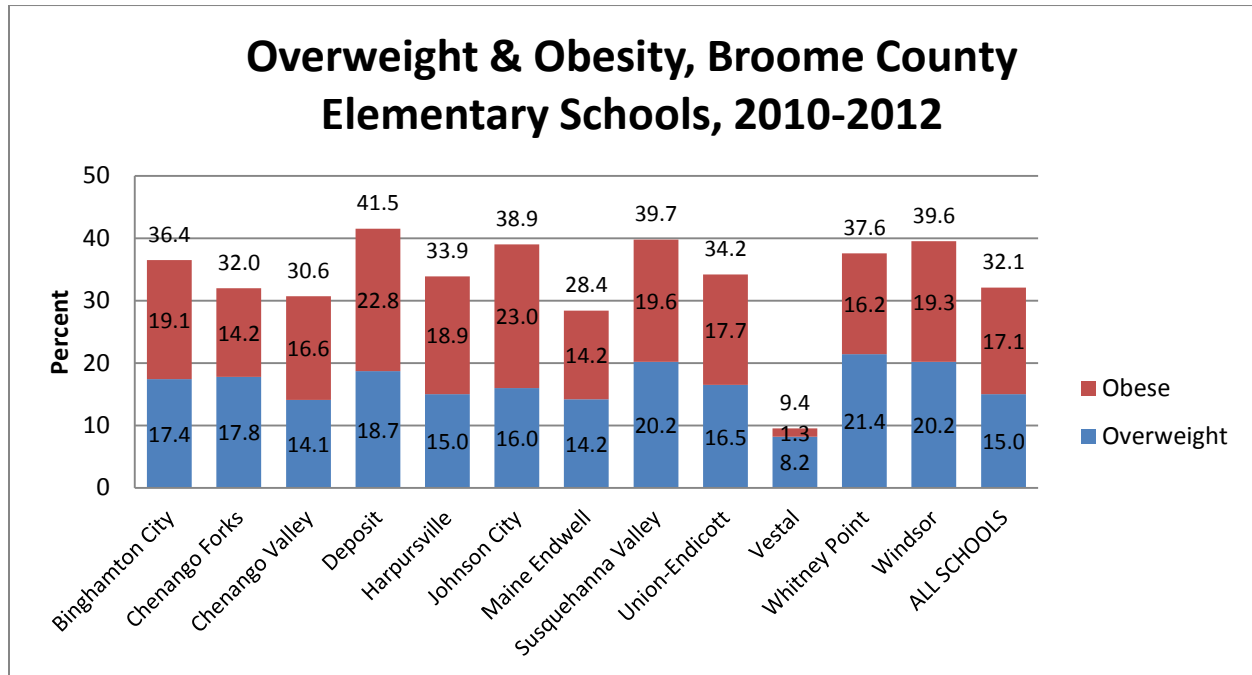
Source: 2008-2010 Student Weight Status Category Reporting System Data as of July, 2012

**E 29. Overweight & Obesity in Elementary and Middle/High Schools by School District and Need/Resource Capacity Category, Broome County, NY, 2010-2012**

School District	Need/Resource Capacity Category	Elementary Schools			Middle & High Schools		
		Over-weight	Obesity	Total	Over-weight	Obesity	Total
Binghamton City	High, Urban-Suburban	17.4	19.1	36.4	16.8	24.9	41.8
Chenango Forks	Average	17.8	14.2	32	19.8	19.3	39.1
Chenango Valley	High, Rural	14.1	16.6	30.6	18.8	20.1	38.9
Deposit	High, Rural	18.7	22.8	41.5	14.9	24.3	39.2
Harpursville	High, Rural	15	18.9	33.9	14.4	22.4	36.8
Johnson City	High, Urban-Suburban	16	23	38.9	12.9	21.6	34.5
Maine Endwell	Average	14.2	14.2	28.4	16.8	19.7	36.6
Susquehanna Valley	Average	20.2	19.6	39.7	15.1	25.4	40.5
Union-Endicott	Average	16.5	17.7	34.2	14.1	21.8	35.9
Vestal	Average	8.2	1.3	9.4	14.9	14.8	29.7
Whitney Point	High, Rural	21.4	16.2	37.6	14.1	18.8	32.9
Windsor	Average	20.2	19.3	39.6	20.8	21.2	42.0

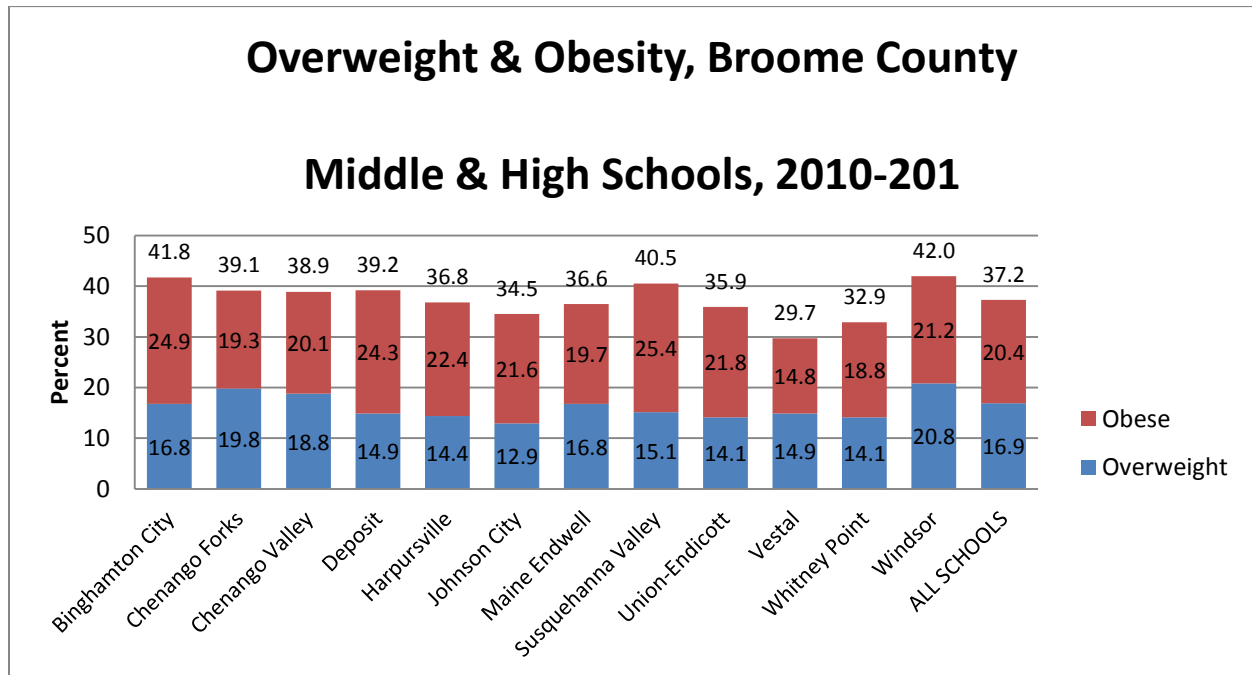
SOURCE: Student Weight Status Reporting Category System, New York State Department of Health, 2010-2012; School District Need -to-Resource Capacity Index, New York State Education Department, 2010-2011

**E 30. Overweight & Obesity among Elementary School Children by School District, Broome County, NY, 2010-2012**



SOURCE: New York State Student Weight Status Category Reporting System (SWSCR), 2010-2012

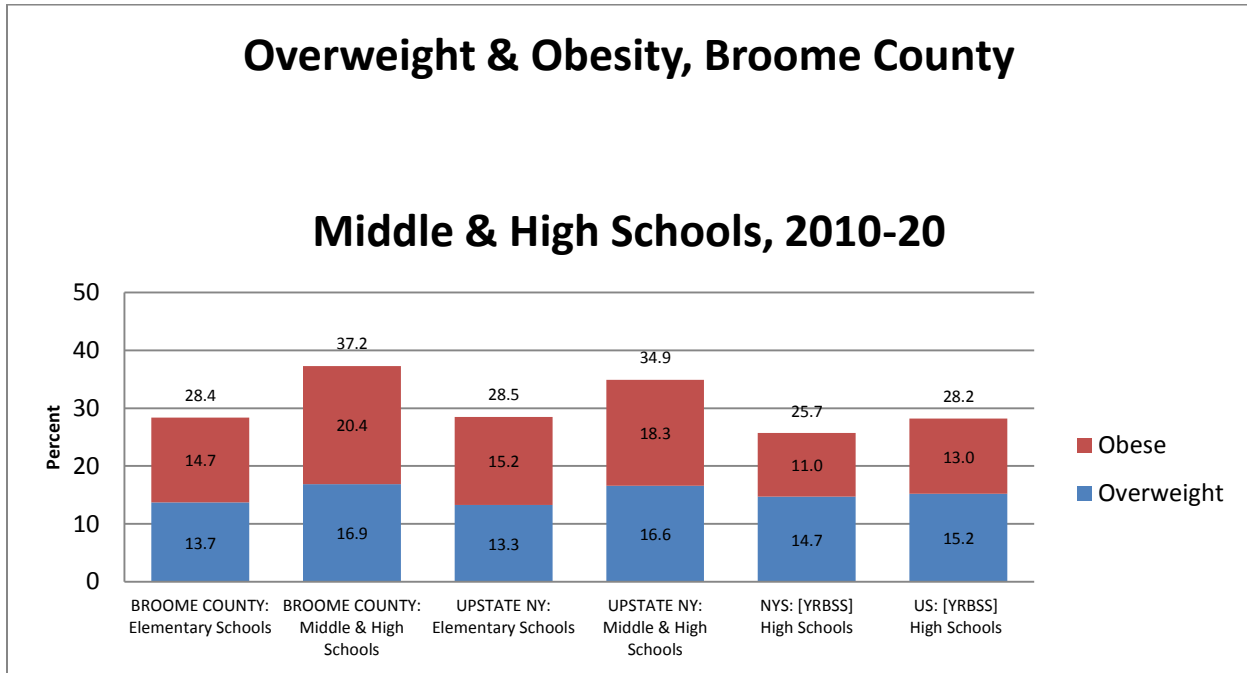
**E 31. Overweight & Obesity among Middle & High School Children by School District, Broome County, NY, 2010-2012**



SOURCE: New York State Student Weight Status Category Reporting System (SWSCR), 2010-2012

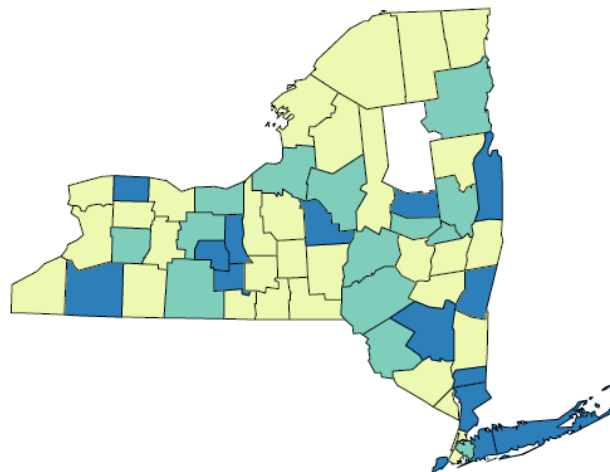


**E 32. Overweight & Obesity among Youth and Adolescents, Broome County, Upstate New York, United States, 2010-2012**



SOURCE: New York State Student Weight Status Category Reporting System (SWSCR), 2010-2012; Youth Risk Behavior Surveillance System (YRBS), 2011

**E 33. Percentage Obese (95<sup>th</sup> Percentile or Higher Children in WIC (ages 2-4 years) 2008-2010**

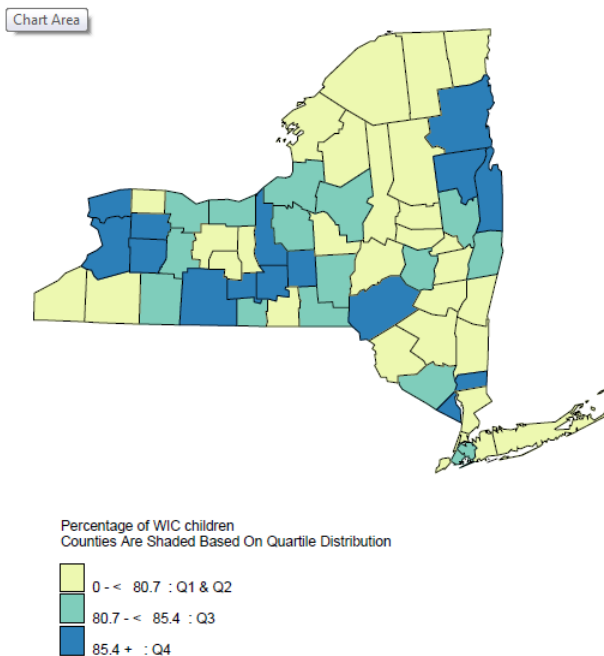


Percentage of WIC children  
Counties Are Shaded Based On Quartile Distribution

- Data not available or do not meet reporting criteria
- 0 - < 14.9 : Q1 & Q2
- 14.9 - < 16.0 : Q3
- 16.0 + : Q4

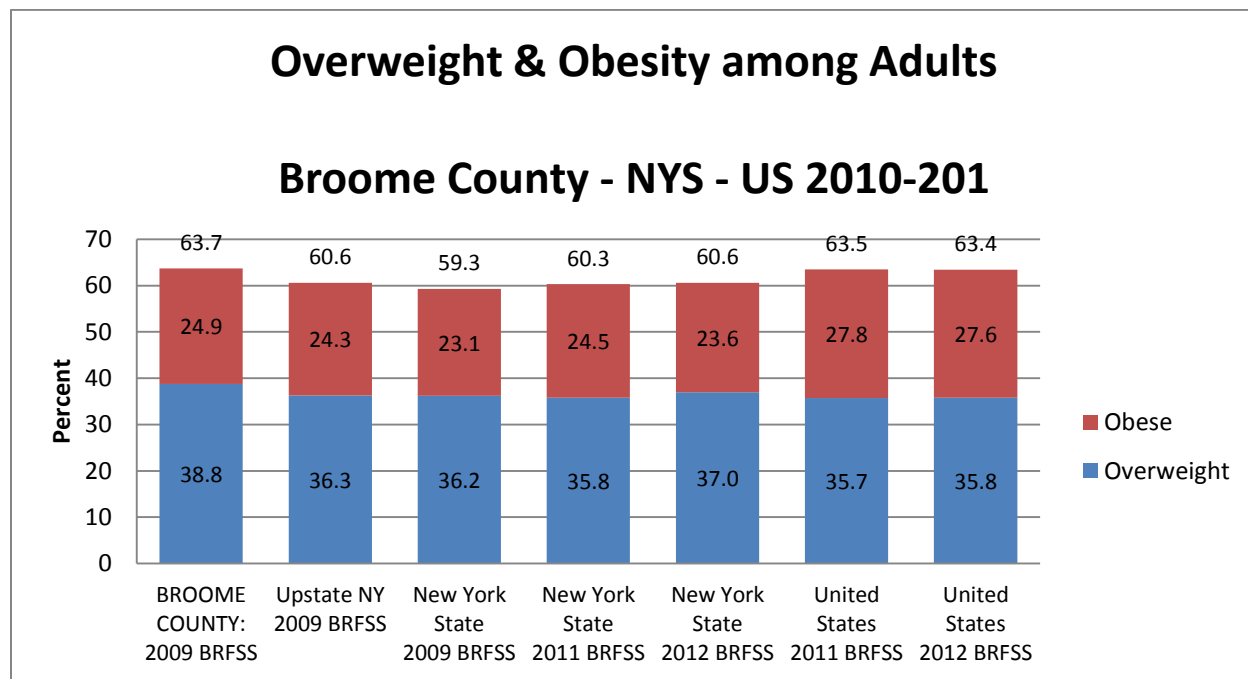
Source: 2008-2010 NYS Pediatric Nutrition Surveillance System Data as of July, 2012

**E 34. Percentage of Children in WIC Viewing TV Two Hours Per Day (ages 2-4 years) 2008-2010**



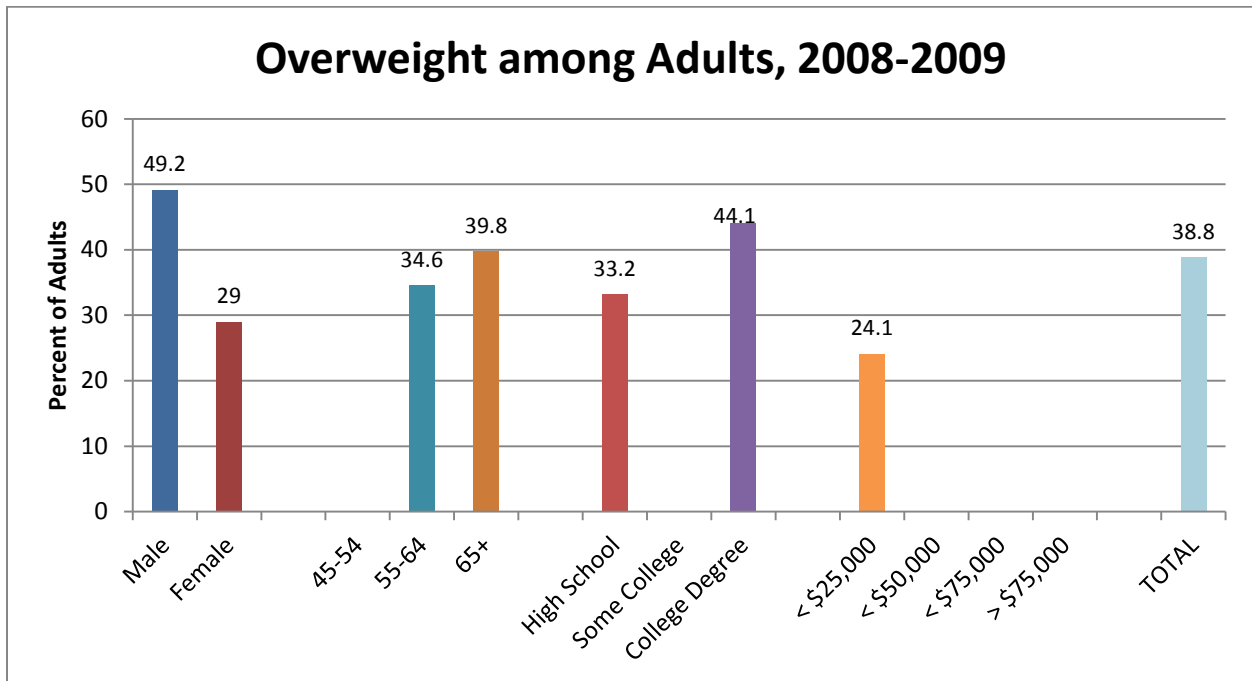
Source: 2008-2010 NYS Pediatric Nutrition Surveillance System Data as of July, 2012

**E 35. Overweight & Obesity among Adults, Broome County, Upstate New York, United States, 2010-2012**



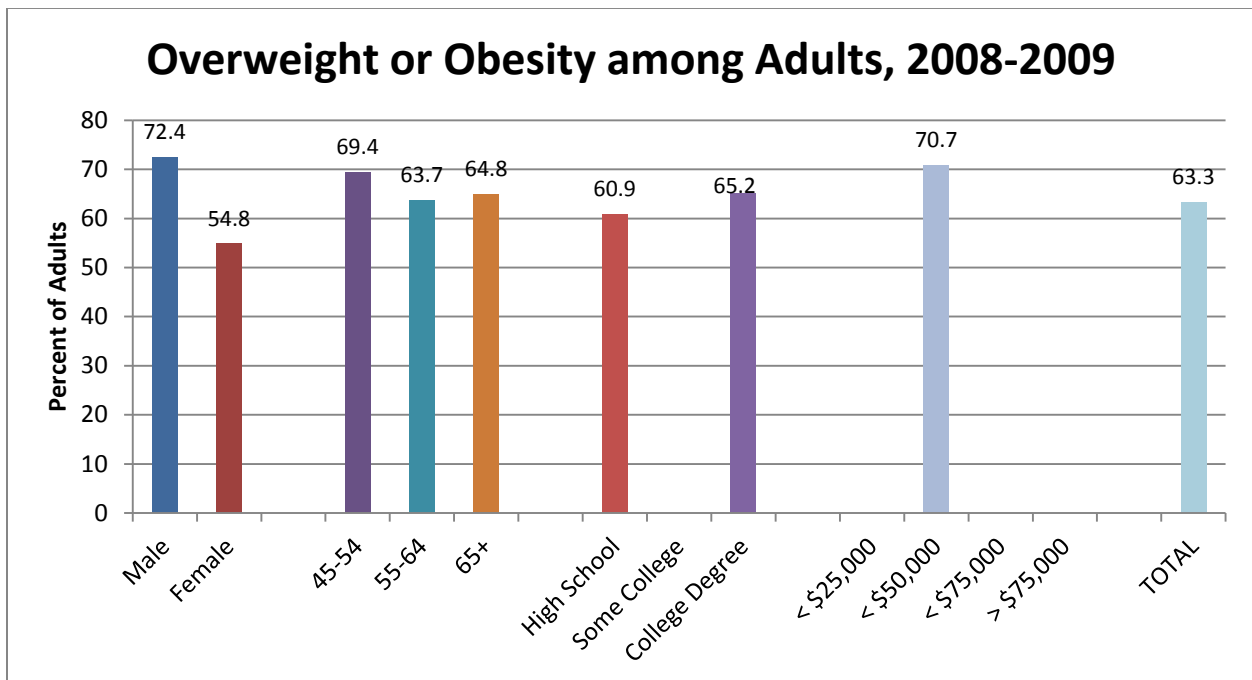
SOURCE: New York State Student Weight Status Category Reporting System (SWSCR), 2010-2012; Youth Risk Behavior Surveillance System (YRBS), 2011

**E 36. Overweight among Adults, Broome County, NY, 2008-2009**



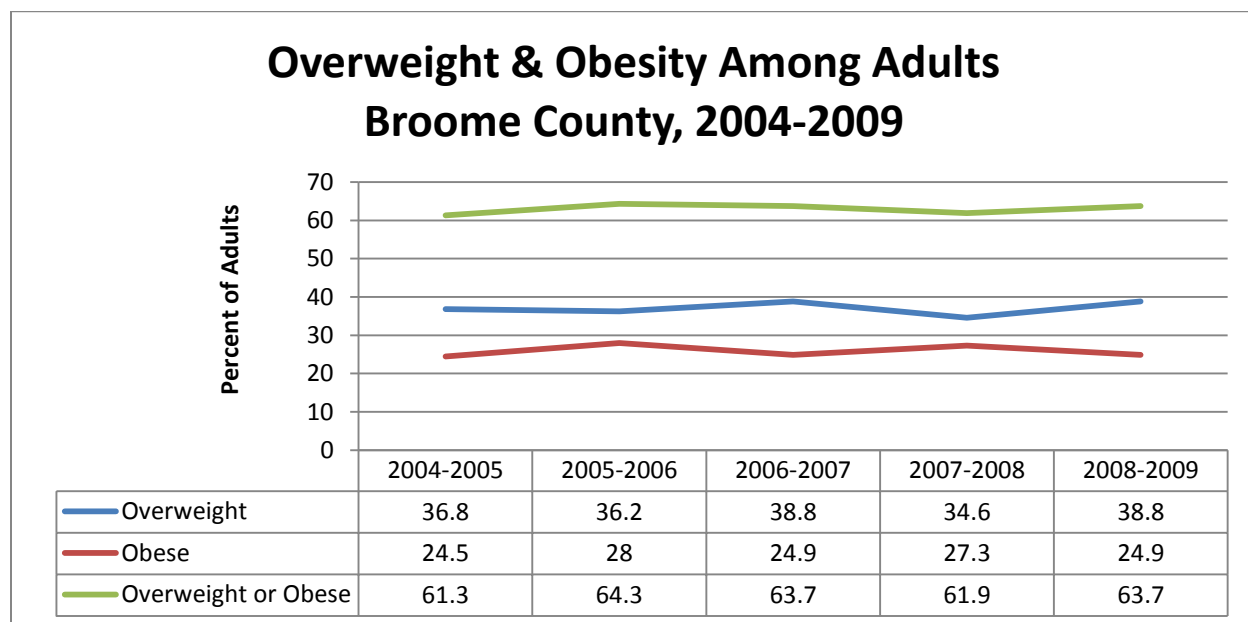
SOURCE: New York State Expanded Behavioral Risk Factor Surveillance System (BRFSS), Broome County, 2009

**E 37. Overweight or Obesity among Adults, Broome County, NY, 2008-2009**



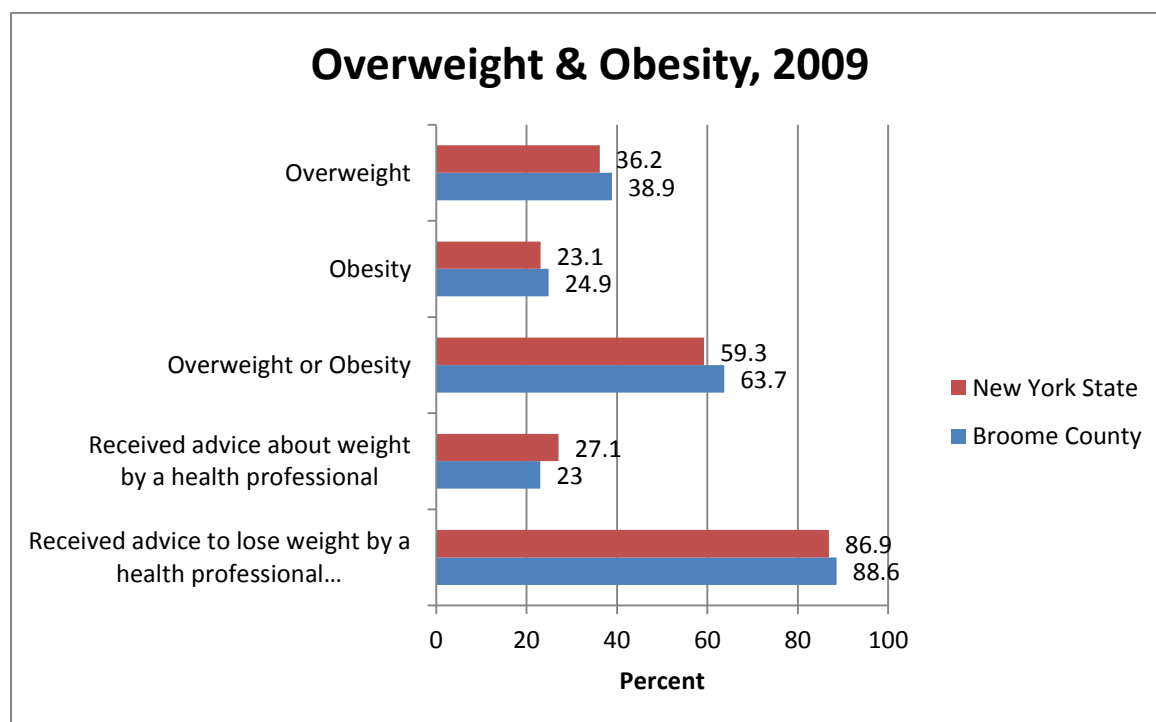
SOURCE: New York State Expanded Behavioral Risk Factor Surveillance System (BRFSS), Broome County, 2009

**E 38. Overweight and Obesity among Adults, Broome County, 2004-2009**



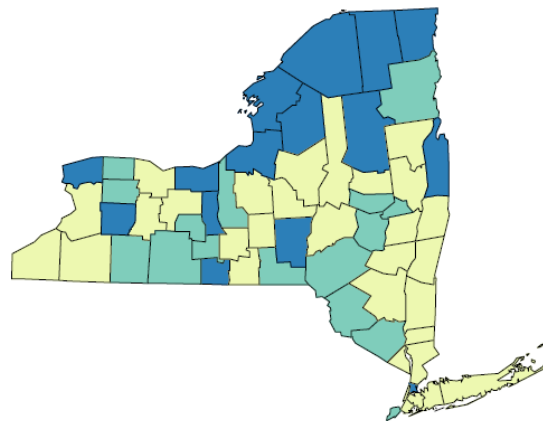
SOURCE: NYS Steps Behavioral Risk Factor Surveillance System (BRFSS), 2004-2008; NYS BRFSS 2009

**E 39. Overweight & Obesity among Adults [Age-Adjusted], Broome County, New York State, 2009**

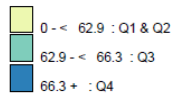


SOURCE: New York State Expanded Behavioral Risk Factor Surveillance System (BRFSS), Broome County, 2009

**E 40. Age-adjusted Percentage of Adults Overweight or Obese (BMI 25 or higher), 2008-2009**

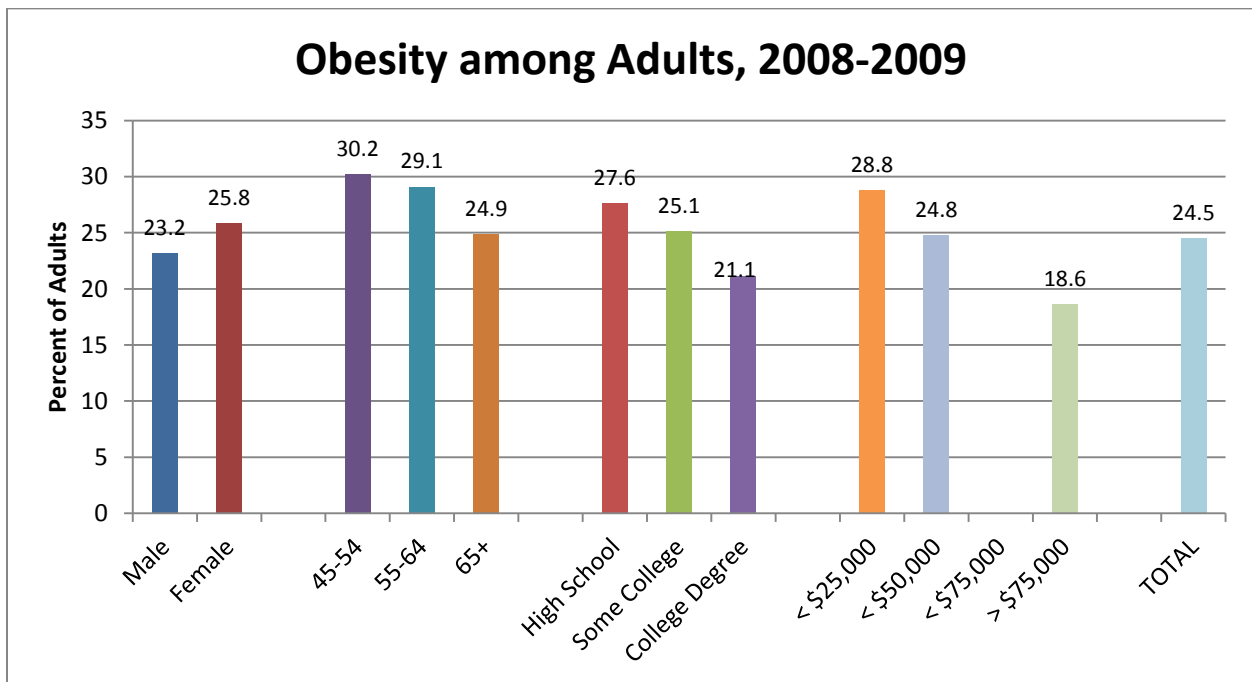


Age-adjusted percentage of adults  
 Counties Are Shaded Based On Quartile Distribution



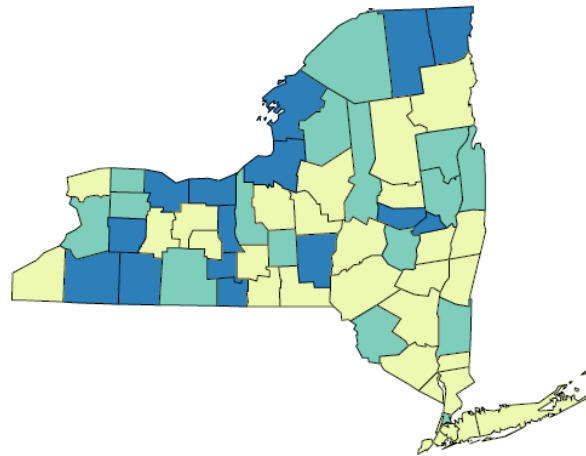
Source: 2008-2009 NYS Expanded Behavioral Risk Factor Surveillance System Data as of 2010

**E 41. Obesity among Adults, Broome County, NY, 2008-2009**

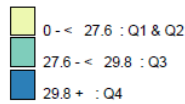


SOURCE: New York State Expanded Behavioral Risk Factor Surveillance System (BRFSS), Broome County, 2009

**E 42. Age-adjusted Percentage of Adults Obese (BMI 30 or higher), 2008-2009**

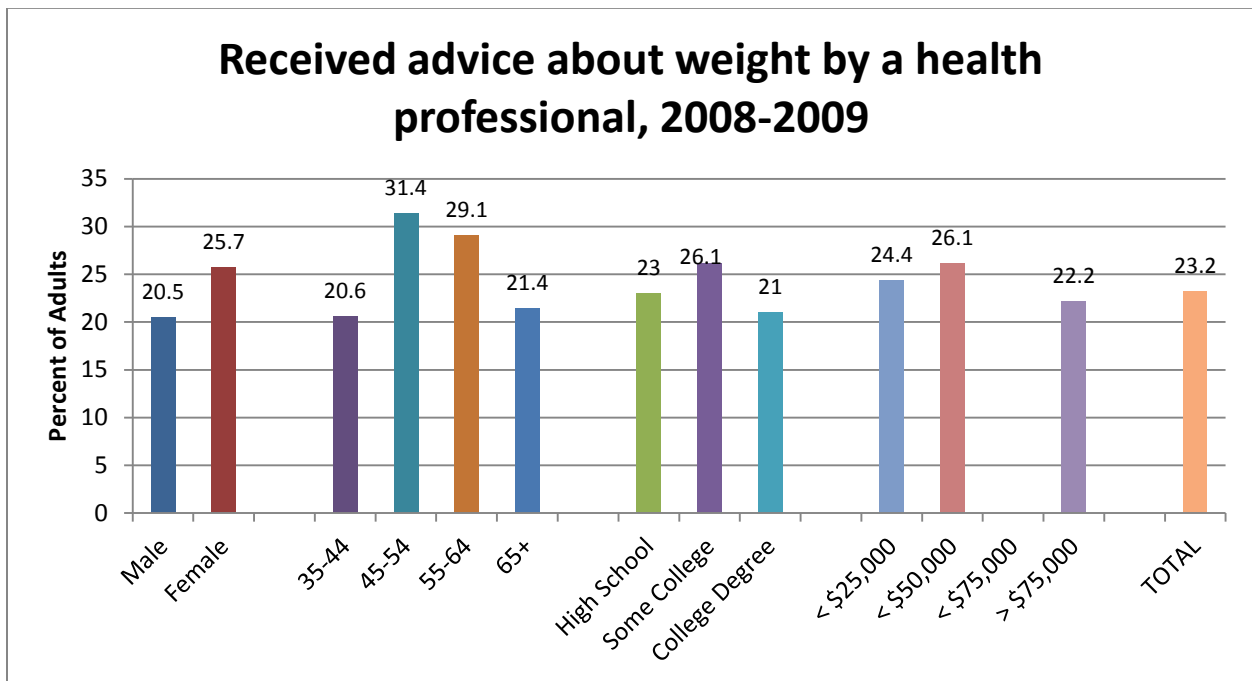


Age-adjusted percentage of adults  
Counties Are Shaded Based On Quartile Distribution



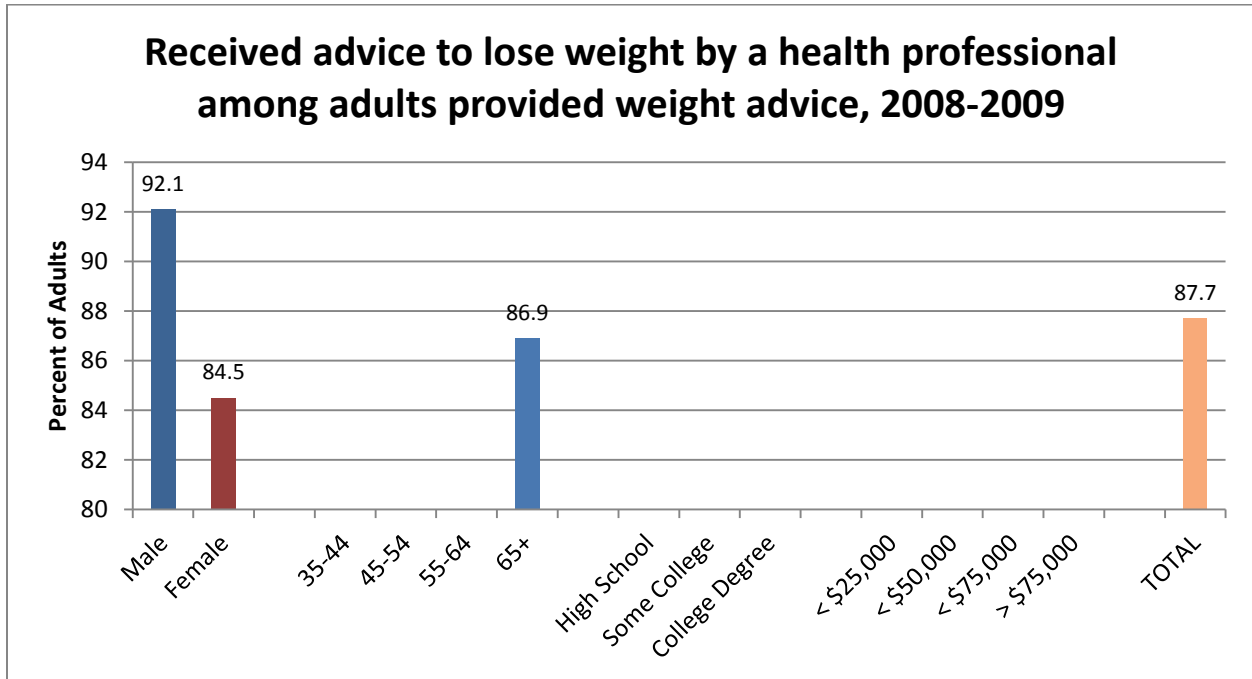
Source: 2008-2009 NYS Expanded Behavioral Risk Factor Surveillance System Data as of 2010

**E 43. Received Advice to Lose Weight by a Health Professional among Adults, Broome County, NY, 2008-2009**



SOURCE: New York State Expanded Behavioral Risk Factor Surveillance System (BRFSS), Broome County, 2009

**E 44. Received Advice to Lose Weight by a Health Professional among Adults, Broome County, NY, 2008-2009**



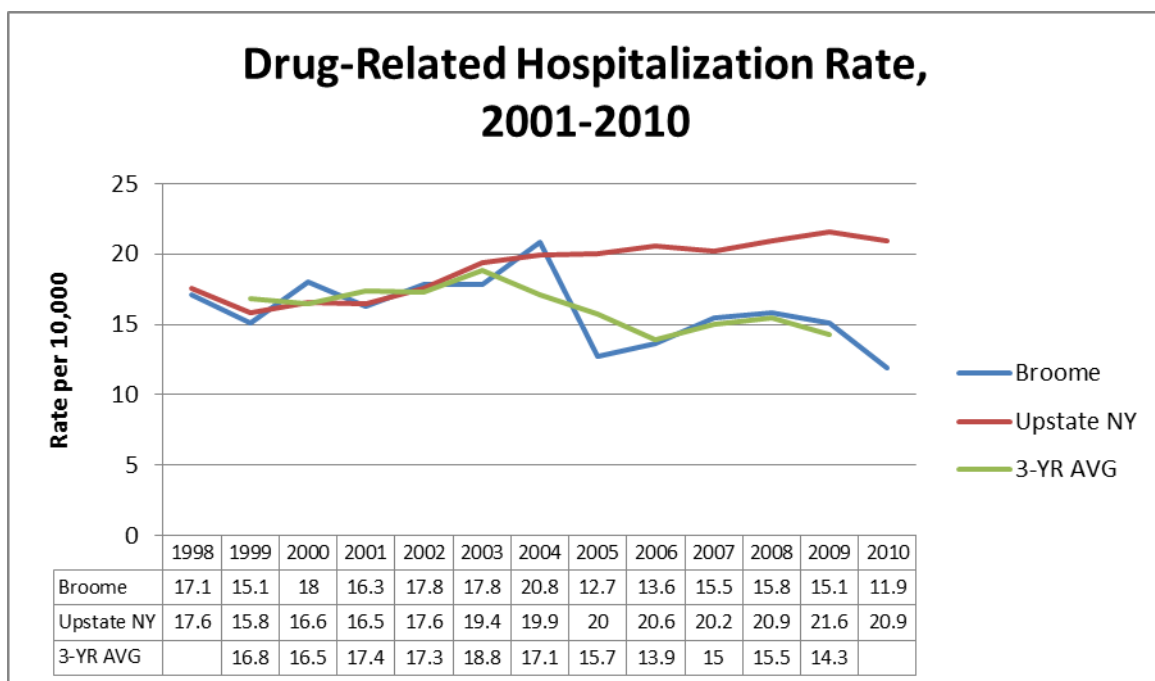
SOURCE: New York State Expanded Behavioral Risk Factor Surveillance System (BRFSS), Broome County, 2009

**TOBACCO, ALCOHOL AND OTHER SUBSTANCE ABUSE INDICATORS****E 45. Tobacco, Alcohol and Other Substance Abuse Indicators, Broome County, Upstate New York, New York State, 2008-2010**

Tobacco, Alcohol and Other Substance Abuse Indicators	3-Year Total	Broome	Upstate NY	NY	Quartile Ranking	HP 2020 Goal	HP 2020 Goal Met
Drug-related hospitalization rate per 10,000							
Crude	842	14.3	21.2	27.3	2 <sup>nd</sup>		
Age-adjusted	842	14.6	21.8	27.2	2 <sup>nd</sup>		
Newborn drug-related hospitalization rate per 10,000 newborn discharges	62	100.0	78.4	64.0	4 <sup>th</sup>		
Alcohol related motor vehicle injuries and deaths per 100,000	275	46.6	50.0	36.2	1 <sup>st</sup>		
Age-adjusted % of adults who smoke cigarettes (2008-2009)	N/A	20.5	18.9	17.0	2 <sup>nd</sup>		
Age-adjusted % of adults living in homes where smoking is prohibited (2008-2009)	N/A	79.3	79.3	80.9	2 <sup>nd</sup>		
Age-adjusted % of adults who binge drink (2008-2009)	N/A	19.5	19.8	18.1	2 <sup>nd</sup>		

SOURCE: New York State Department of Health, County Health Assessment Indicators, 2008-2010

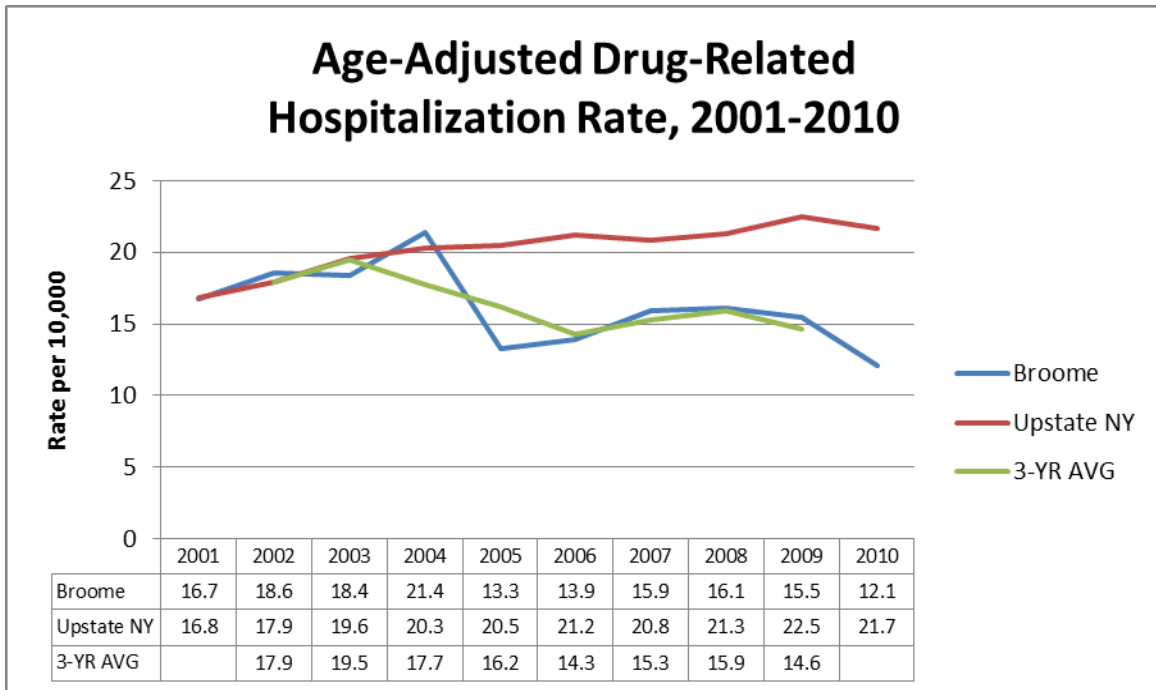
N/A – Data Not Available

**E 46. Drug-Related Hospitalization Rate per 10,000 Population, County (single year & 3-year average) & Upstate New York, 2001-2010 [Crude Rate]**

SOURCE: New York State Department of Health, County Health Indicators Reports, 2001-2010

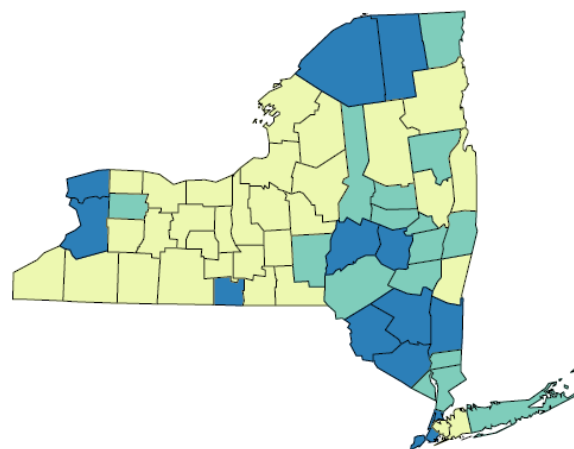


**E 47. Age-Adjusted Drug-Related Hospitalization Rate per 10,000 Population, County (single year & 3-year average) & Upstate New York, 2001-2010 [Adjusted Rate]**



SOURCE: New York State Department of Health, County Health Indicators Reports, 2001-2010

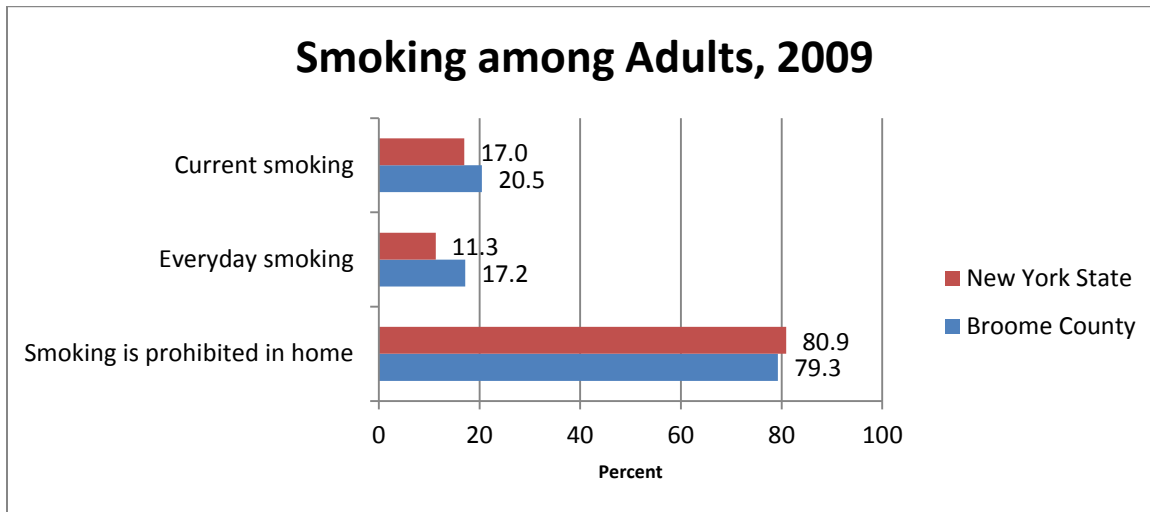
**E 48. Drug Related Hospitalization Rate per 10,000 Population, 2008-2010**



Hospital Discharge Rate  
 Counties Are Shaded Based On Quartile Distribution

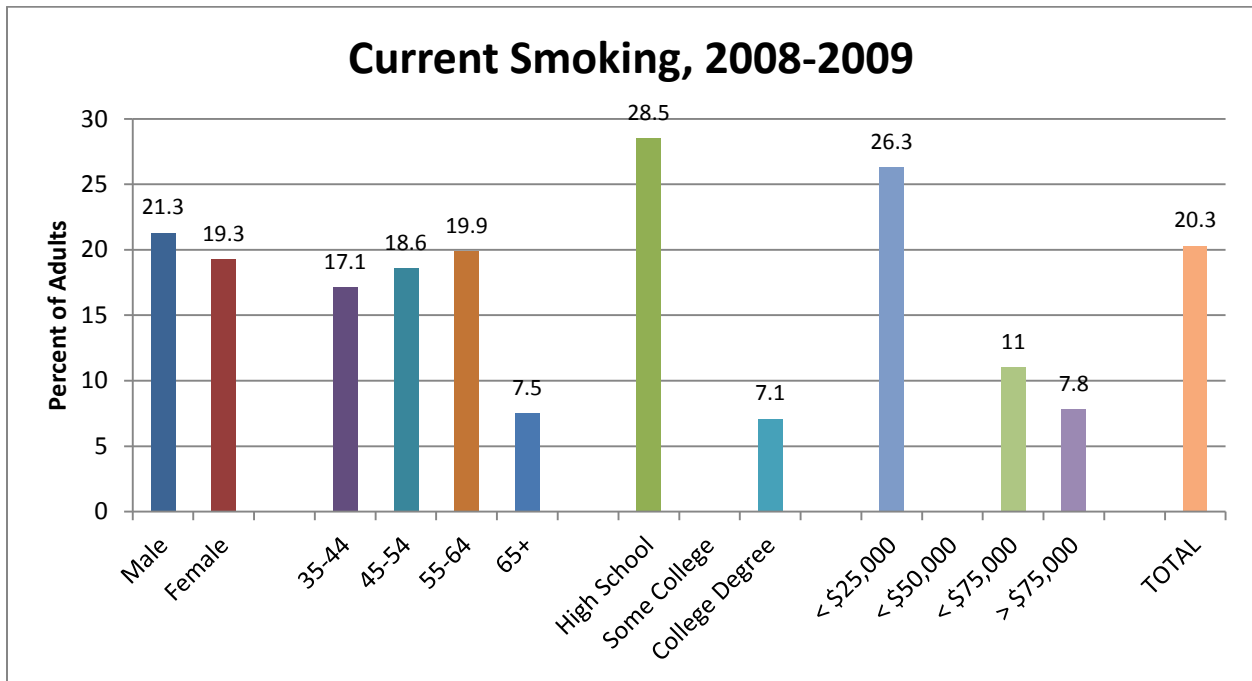
- 0 - < 18.7 : Q1 & Q2
- 18.7 - < 25.3 : Q3
- 25.3 + : Q4

Source: 2008-2010 SPARCS Data as of February, 2012

**E 49. Smoking among Adults [Age-Adjusted], Broome County, NYS, 2009**

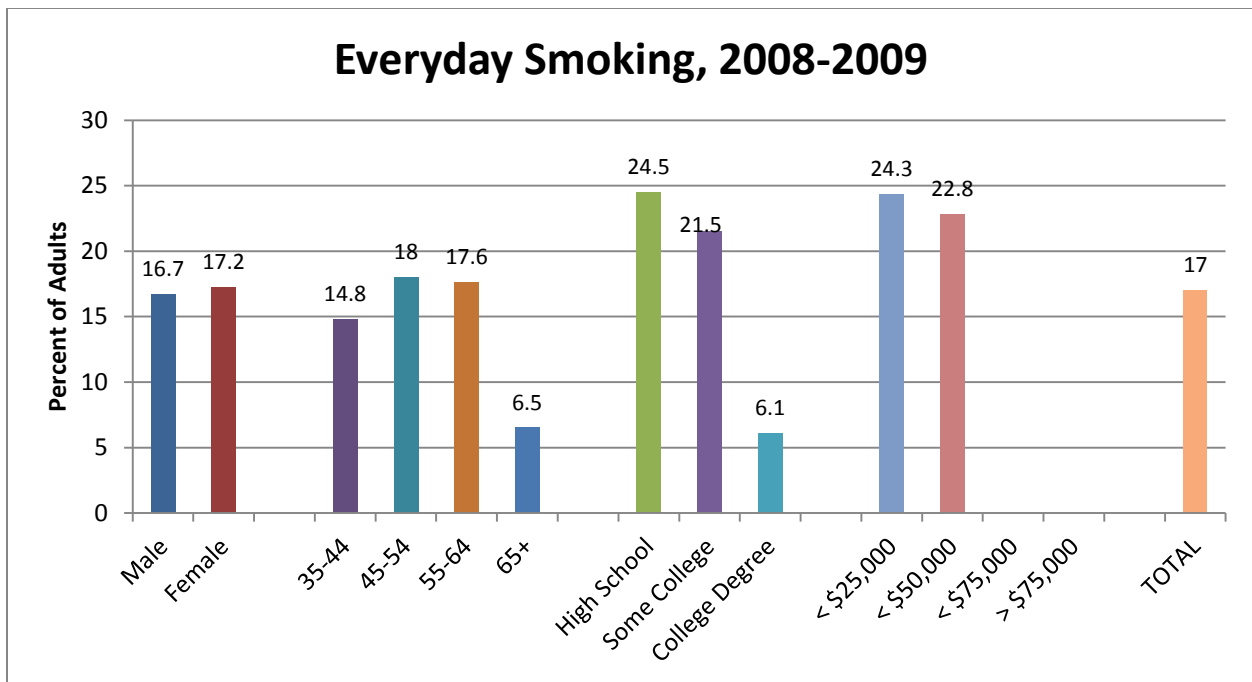
SOURCE: New York State Expanded Behavioral Risk Factor Surveillance System (BRFSS), Broome County, 2009

**E 50. Current Smoking among Adults, Broome County, NY, 2008-2009**



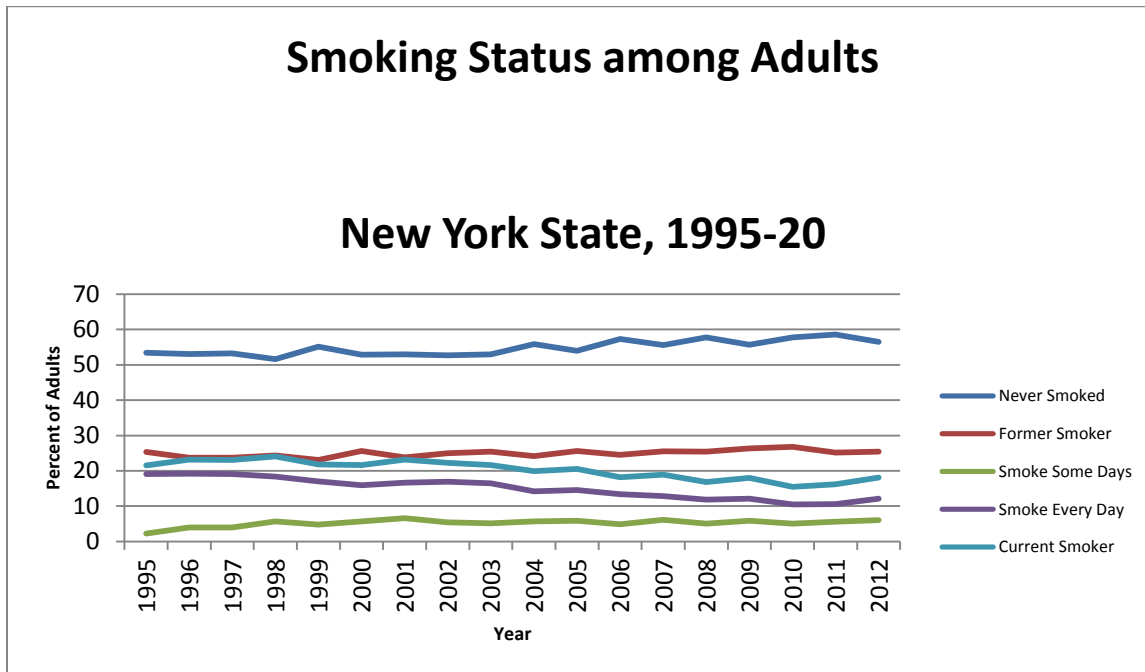
SOURCE: New York State Expanded Behavioral Risk Factor Surveillance System (BRFSS), Broome County, 2009

**E 51. Everyday Smoking among Adults, Broome County, NY, 2008-2009**



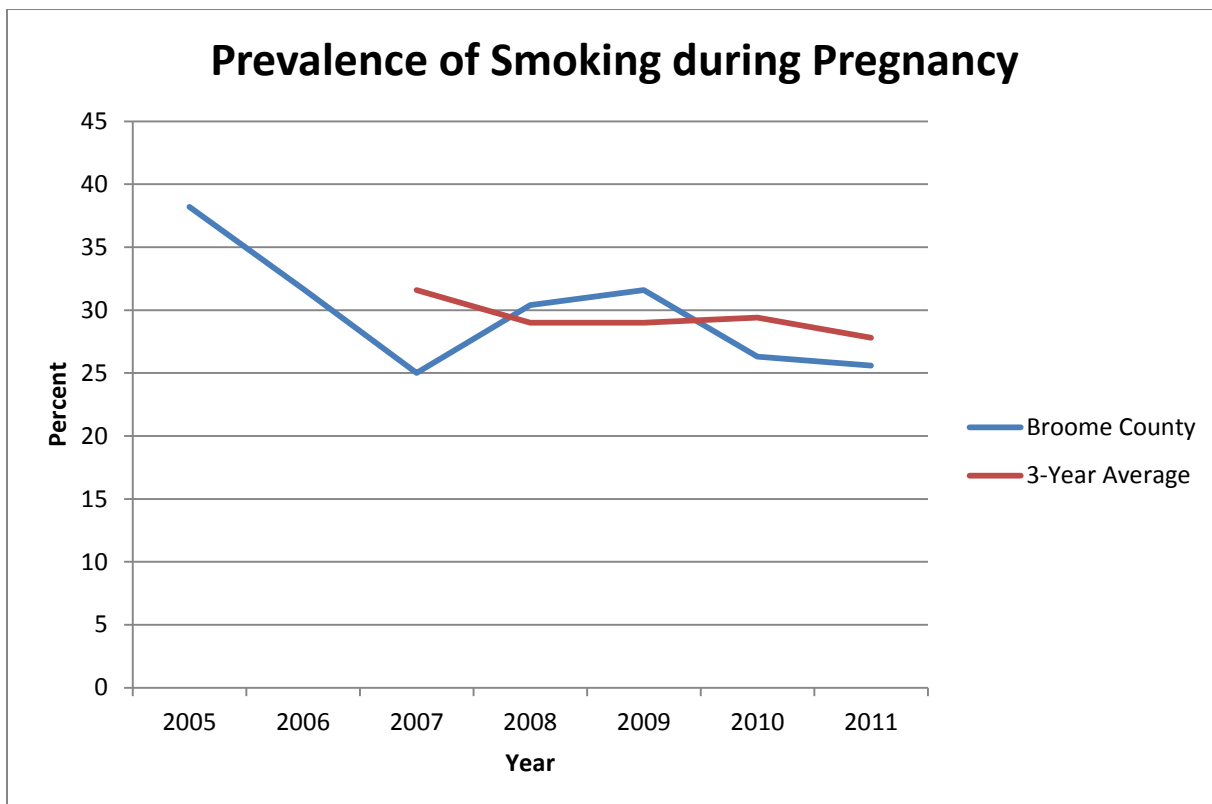
SOURCE: New York State Expanded Behavioral Risk Factor Surveillance System (BRFSS), Broome County, 2009

**E 52. Smoking Status among Adults, New York State, 1995-2012**



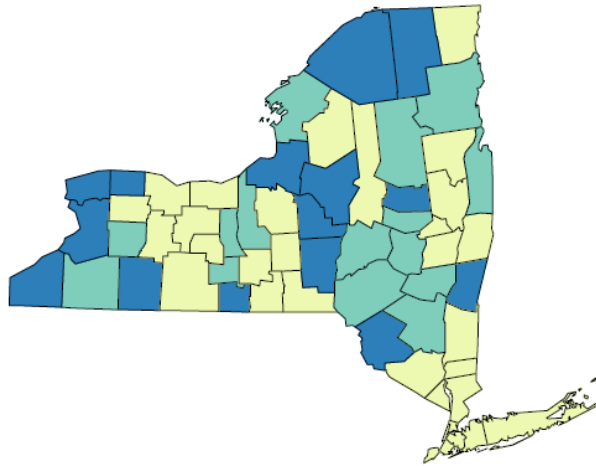
SOURCE: Behavioral Risk Factor Surveillance System (BRFSS), 1995-2012

**E 53. Prevalence of Smoking during Pregnancy, Broome County, 2005-2011**



SOURCE: Mothers & Babies Perinatal Network, Annual Reports, 2005-2011

**E 54. Age-adjusted Percentage of Adults who Smoke Cigarettes, 2008-2009**

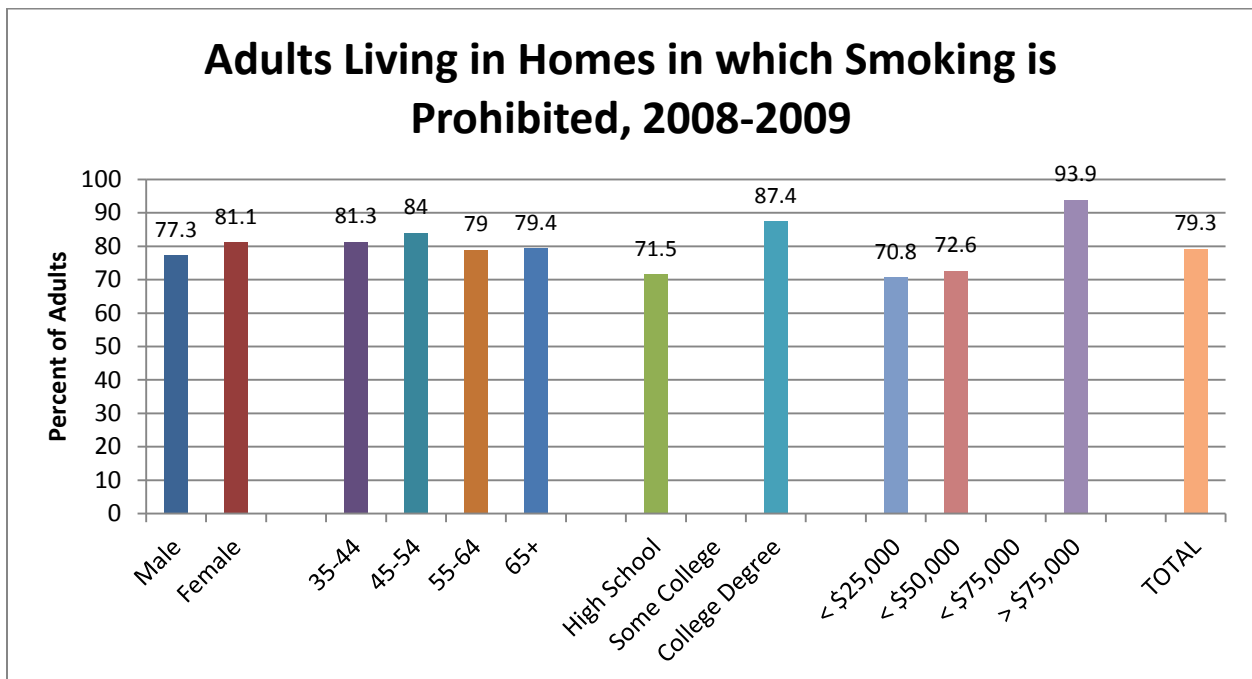


Age-adjusted percentage of adults  
Counties Are Shaded Based On Quartile Distribution

- 0 -< 22.1 : Q1 & Q2
- 22.1 -< 24.4 : Q3
- 24.4 + : Q4

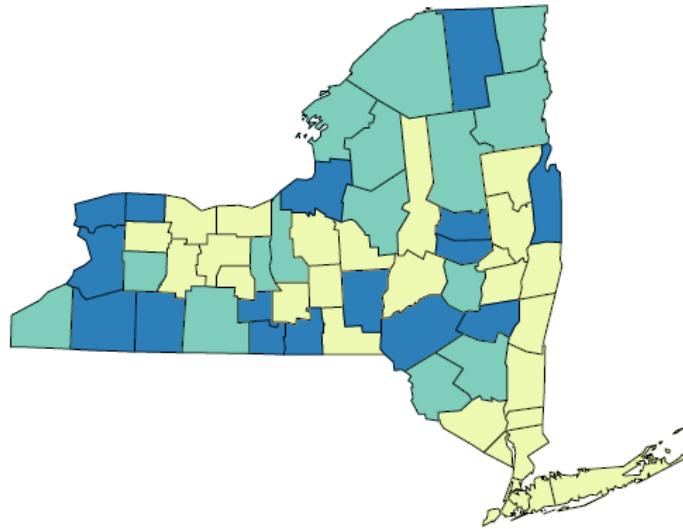
Source: 2008-2009 NYS Expanded Behavioral Risk Factor Surveillance System Data as of 2010

**E 55. Adults Living in Homes in which Smoking Is Prohibited, Broome County, NY, 2008-2009**

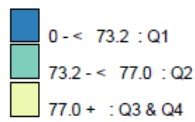


SOURCE: New York State Expanded Behavioral Risk Factor Surveillance System (BRFSS), Broome County, 2009

**E 56. Age-adjusted Percentage of Adults Living in Homes Where Smoking is Prohibited, 2008-2009**

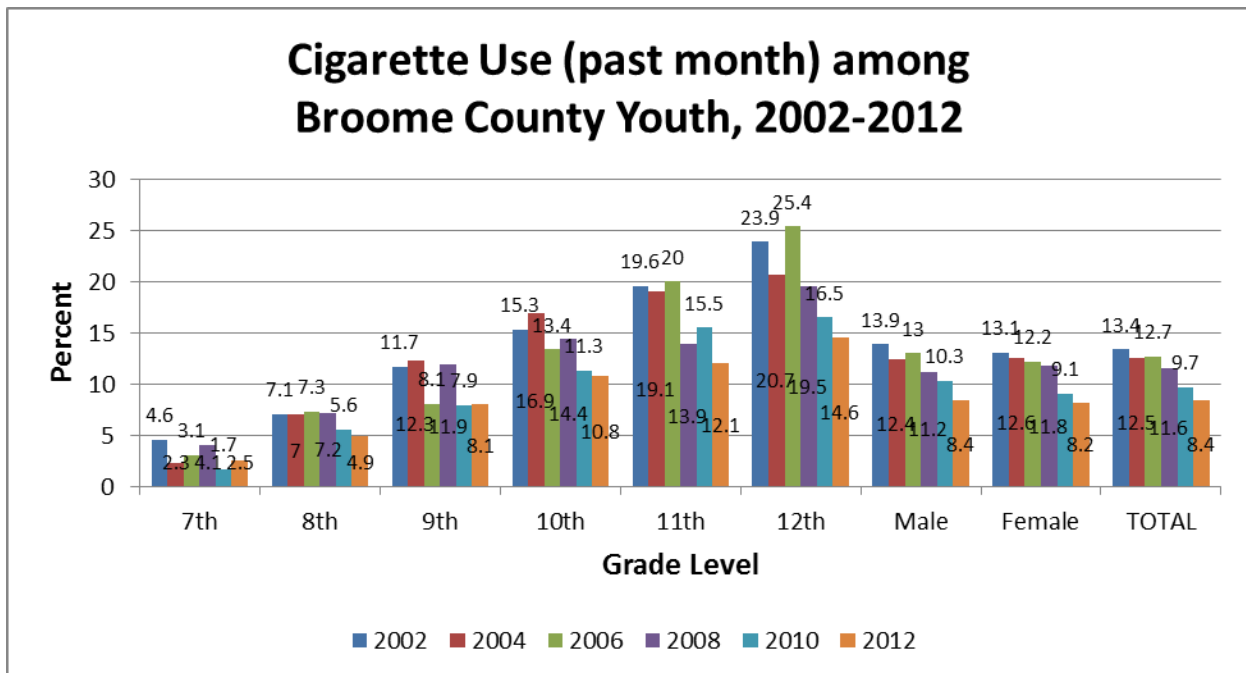


Age-adjusted percentage of adults  
Counties Are Shaded Based On Quartile Distribution



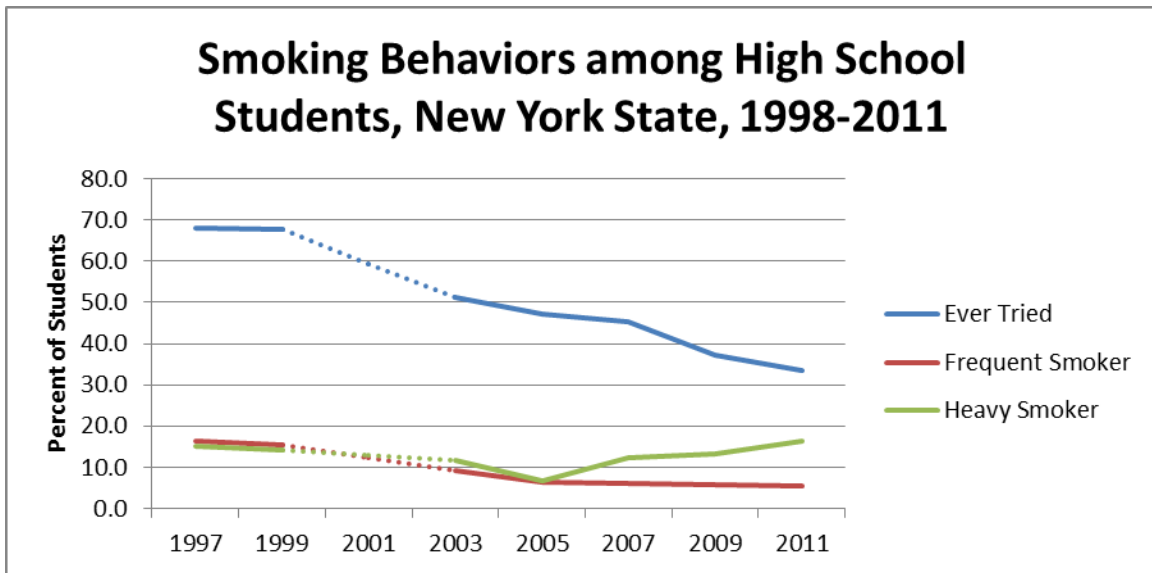
Source: 2008-2009 NYS Expanded Behavioral Risk Factor Surveillance System Data as of 2010

**E 57. Cigarette Use (past month) among 7<sup>th</sup> to 12<sup>th</sup> Grade Students, Broome County, 2002-2012**



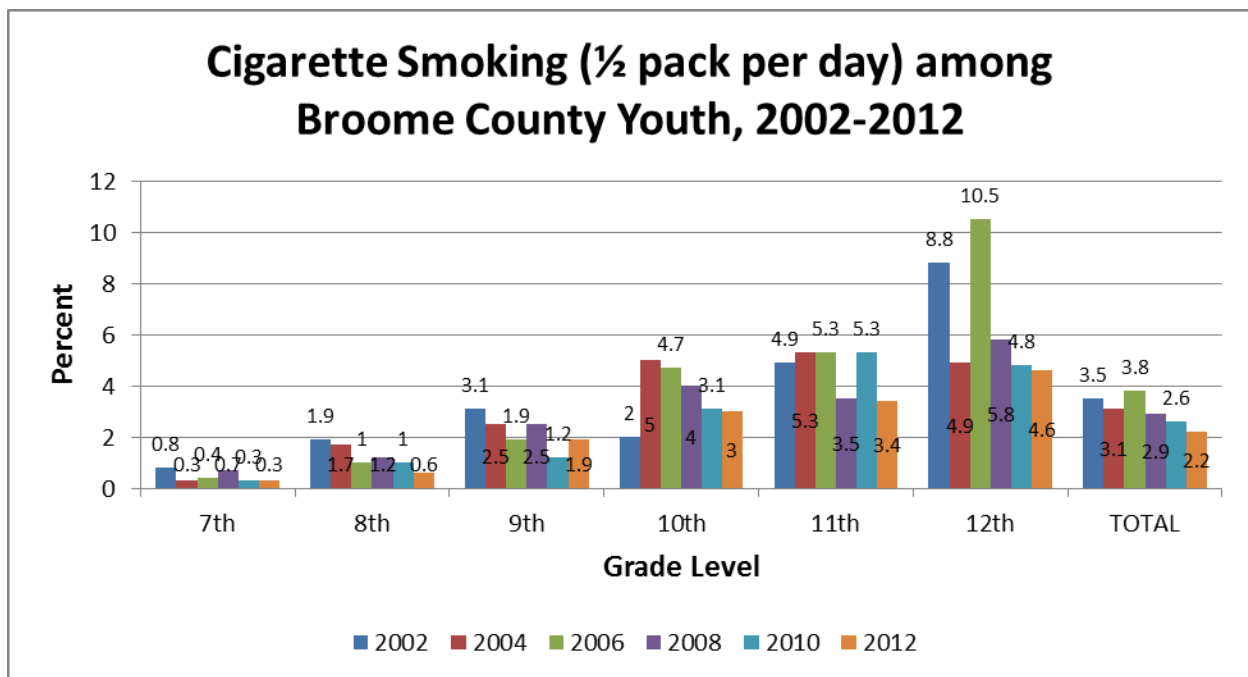
SOURCE: Prevention Needs Assessment Survey, 2006, 2012

**E 58. Smoking Behaviors among High School Students, New York State, 1998-2011**



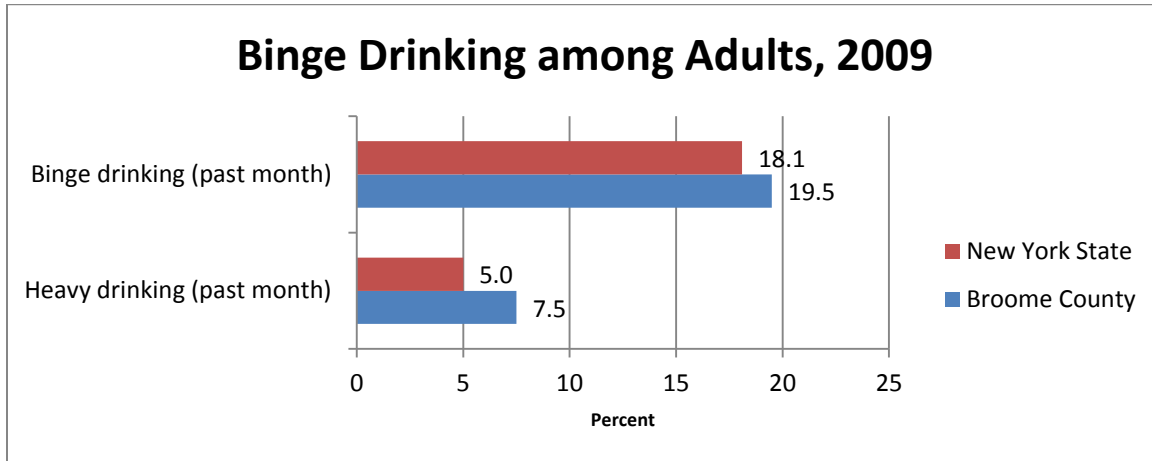
SOURCE: New York State Department of Health, Community Health Data Set, 2005-2007  
\* Dashed line indicates imputed data

**E 59. Heavy Cigarette Use (½ pack per day) among 7<sup>th</sup> to 12<sup>th</sup> Grade Students, Broome County, 2002-2012**



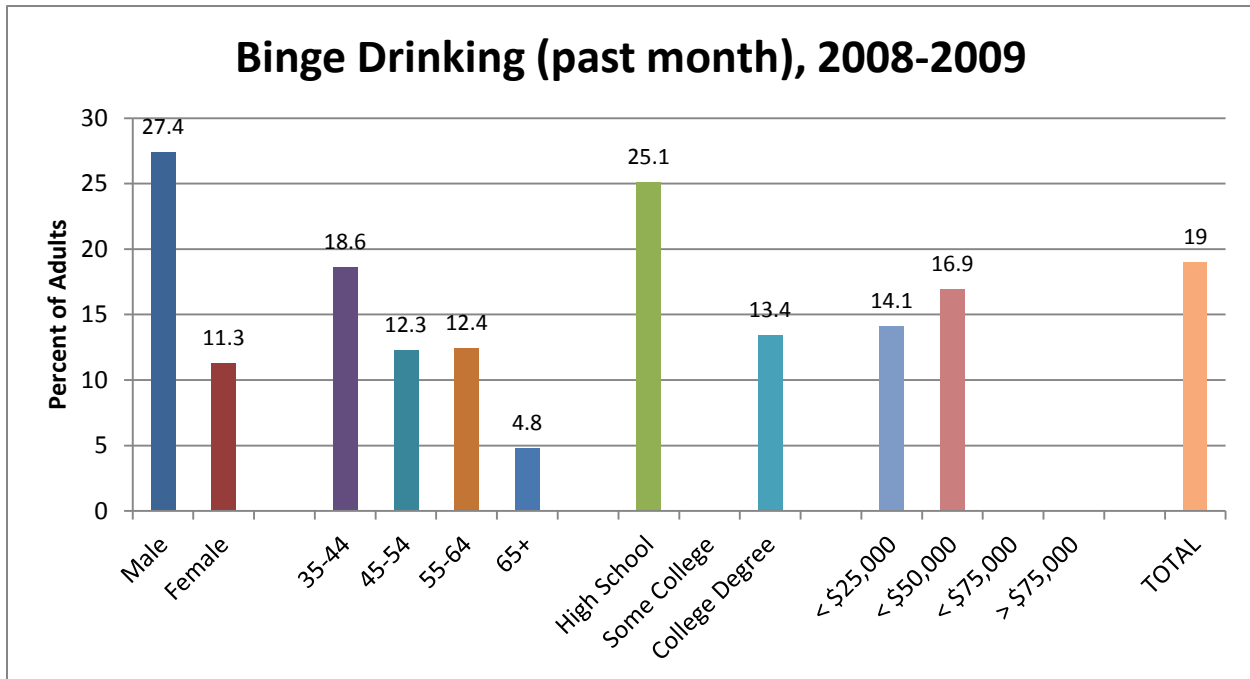
SOURCE: Prevention Needs Assessment Survey, 2006, 2012

**E 60. Binge Drinking among Adults [Age-Adjusted], Broome County, NYS, 2009**



SOURCE: New York State Expanded Behavioral Risk Factor Surveillance System (BRFSS), Broome County, 2009

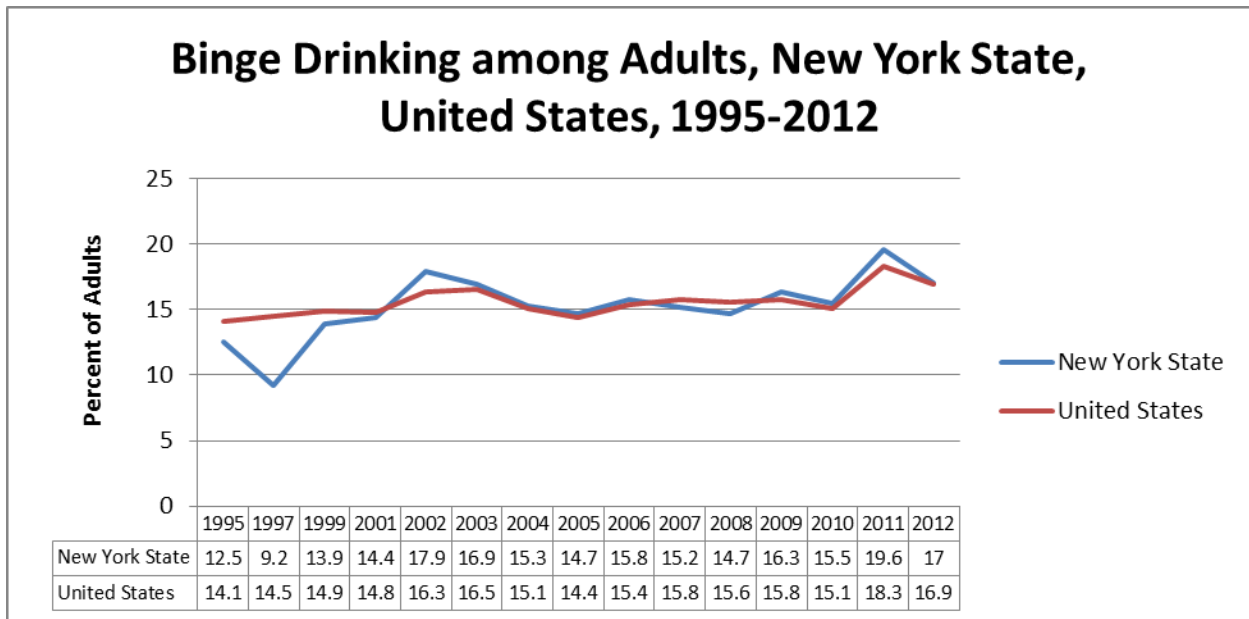
**E 61. Binge Drinking within the Past Month among Adults, Broome County, NY, 2008-2009**



SOURCE: New York State Expanded Behavioral Risk Factor Surveillance System (BRFSS), Broome County, 2009

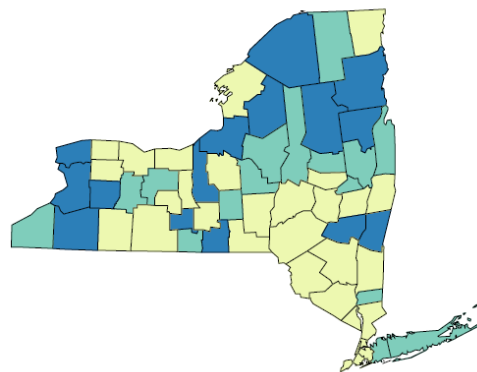


**E 62. Binge Drinking among Adults, New York State, United States, 1995-2012**

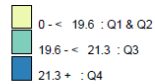


SOURCE: Behavioral Risk Factor Surveillance System, 1995-2012

**E 63. Age-adjusted Percentage of Adults who Binge Drink, 2008-2009**

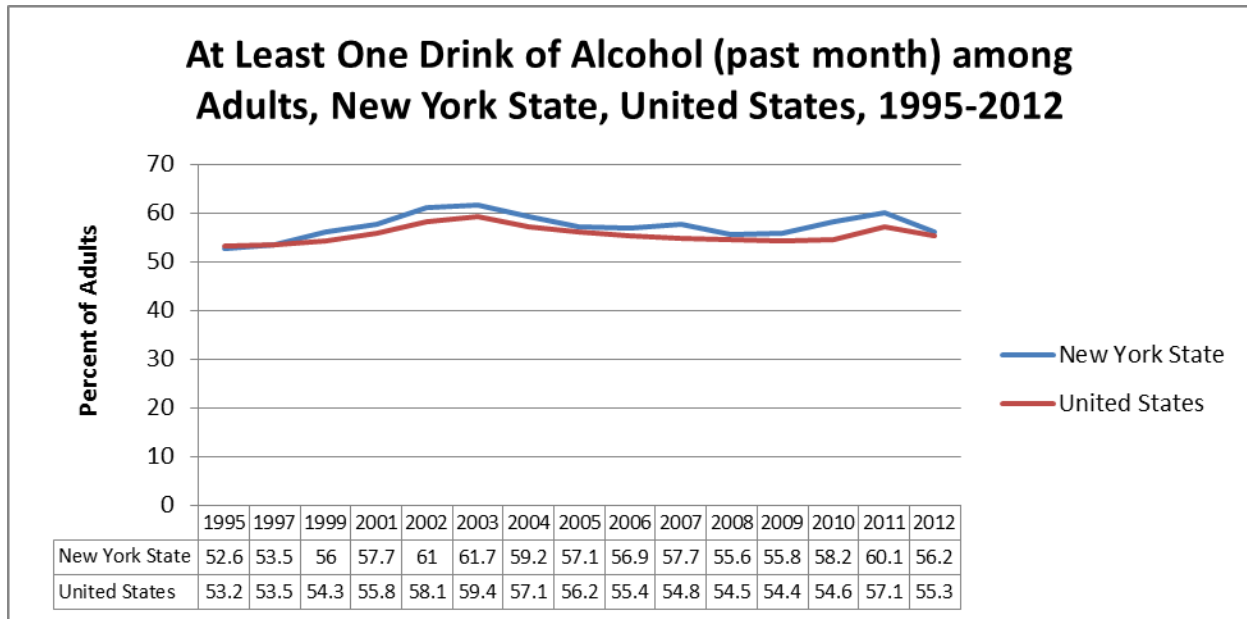


Age-adjusted percentage of adults  
Counties Are Shaded Based On Quartile Distribution



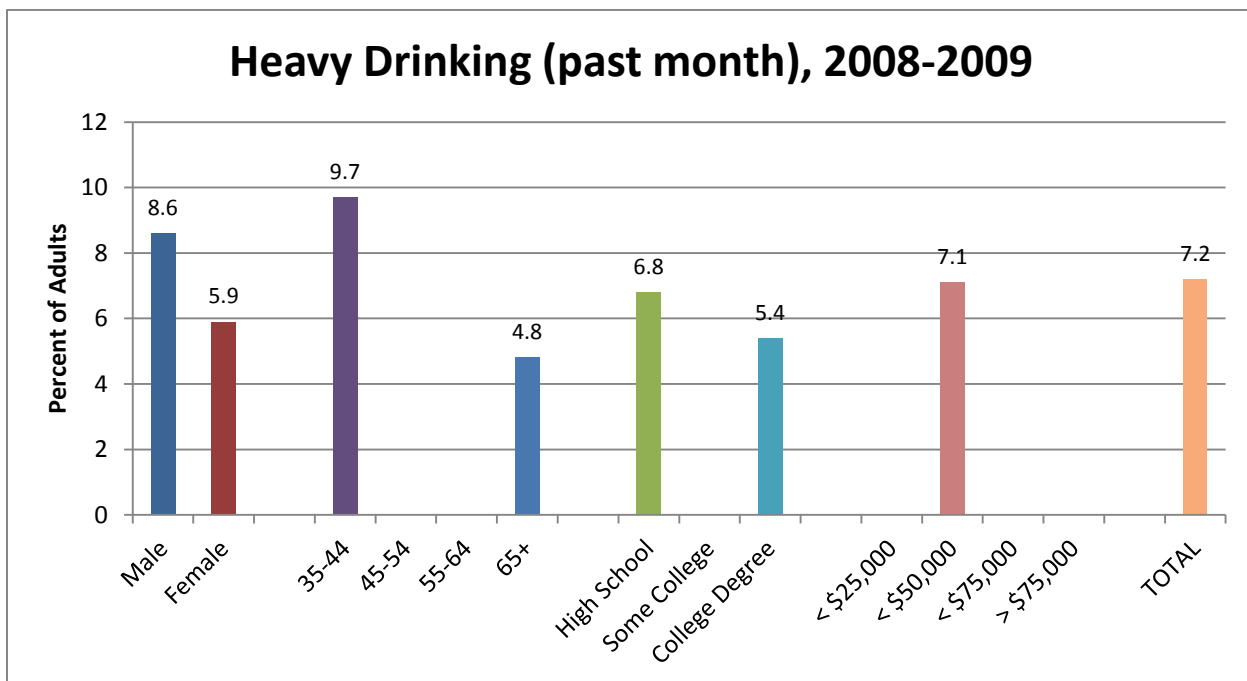
Source: 2008-2009 NYS Expanded Behavioral Risk Factor Surveillance System Data as of 2010

**E 64. At Least One Drink of Alcohol in the Past Month among Adults, New York State, United States, 1995-2012**



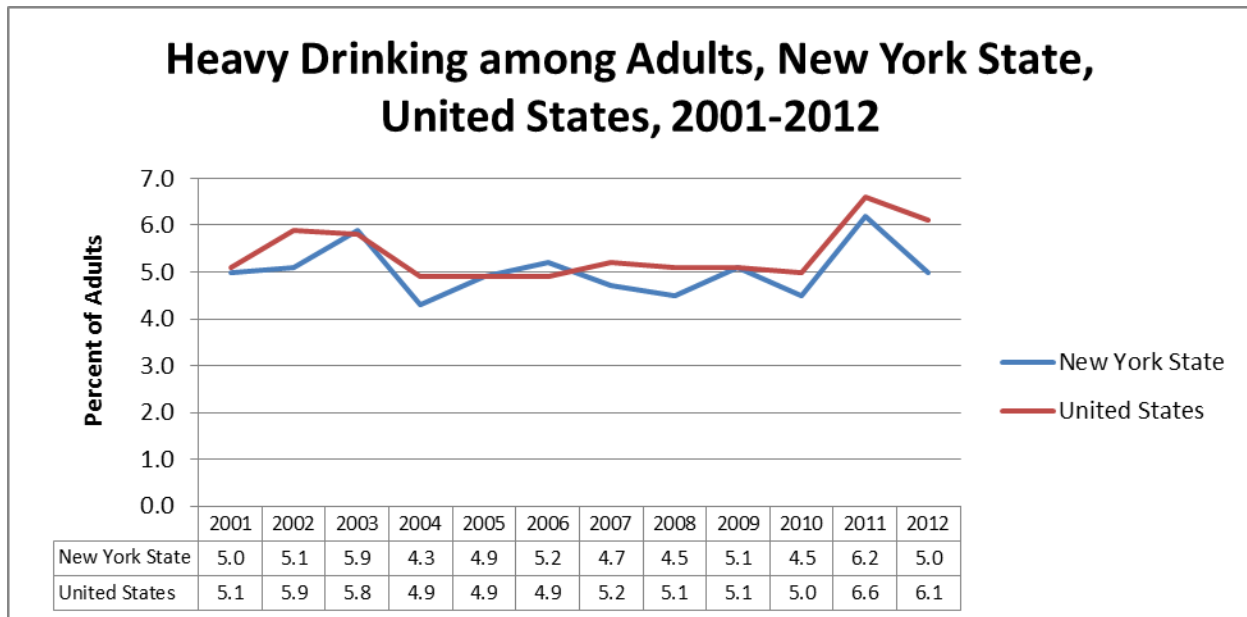
SOURCE: Behavioral Risk Factor Surveillance System, 1995-2012

**E 65. Heavy Drinking within the Past Month among Adults, Broome County, NY, 2008-2009**



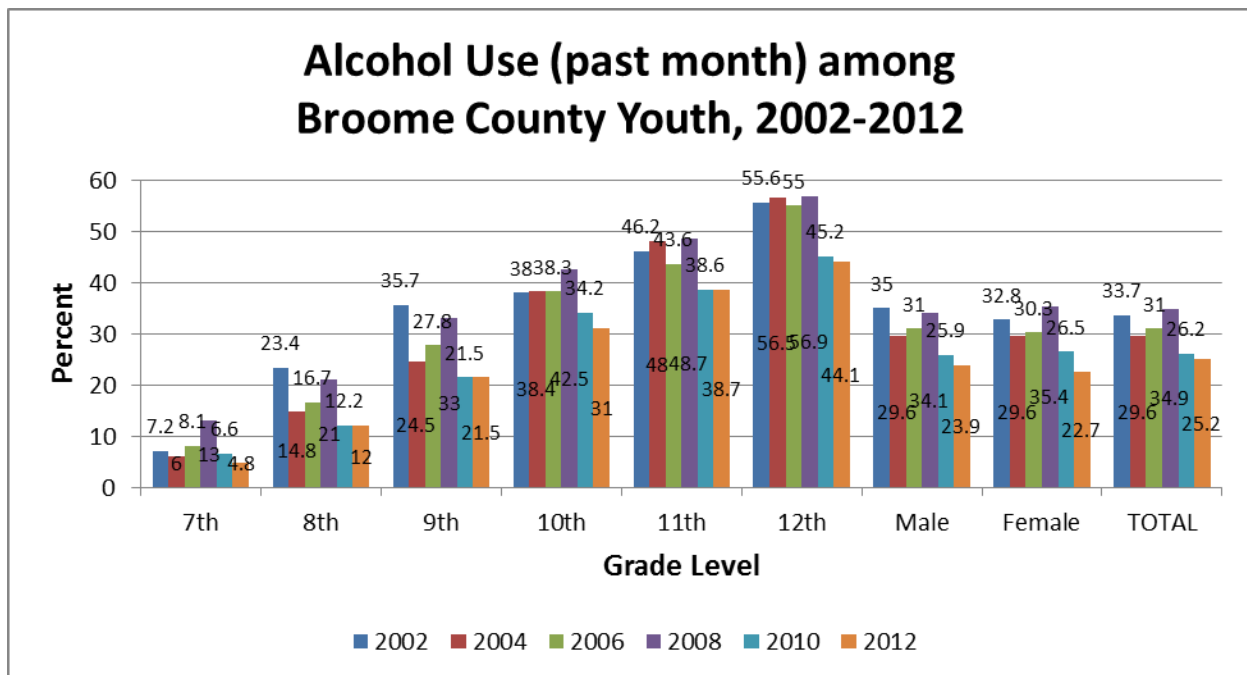
SOURCE: New York State Expanded Behavioral Risk Factor Surveillance System (BRFSS), Broome County, 2009

**E 66. Heavy Drinking among Adults, New York State, United States, 2001-2012**



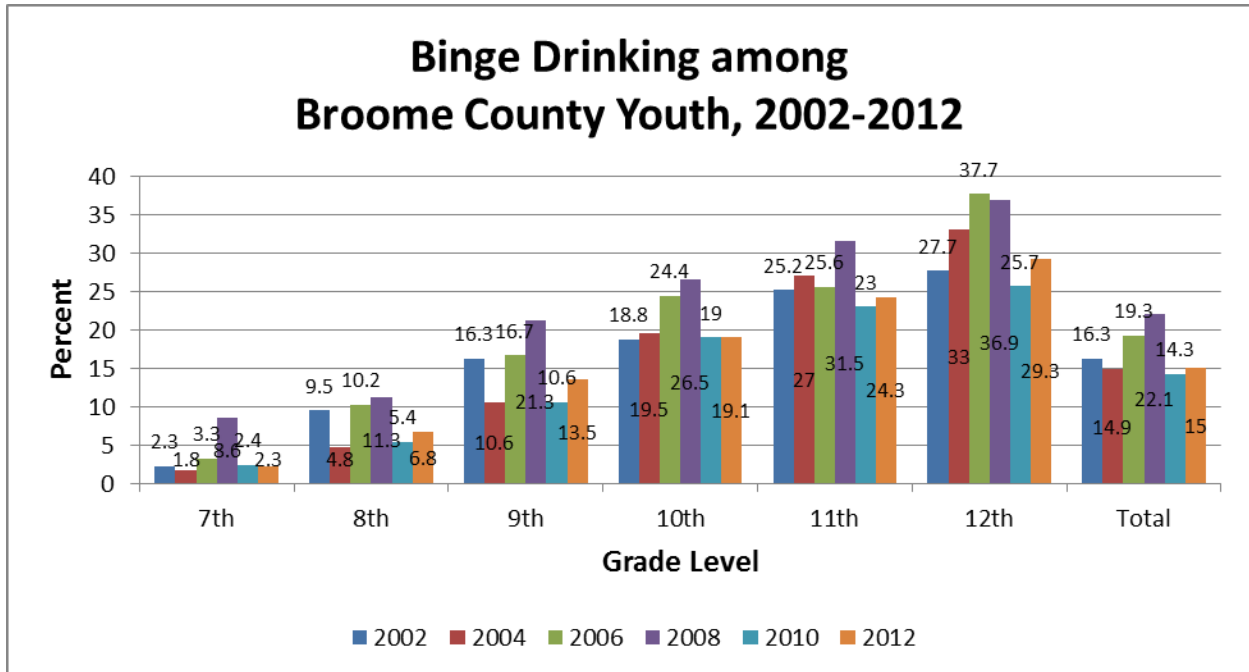
SOURCE: Behavioral Risk Factor Surveillance System, 2001-2012

**E 67. Alcohol Use (past month) among 7<sup>th</sup> to 12<sup>th</sup> Grade Students, Broome County, 2002-2012**



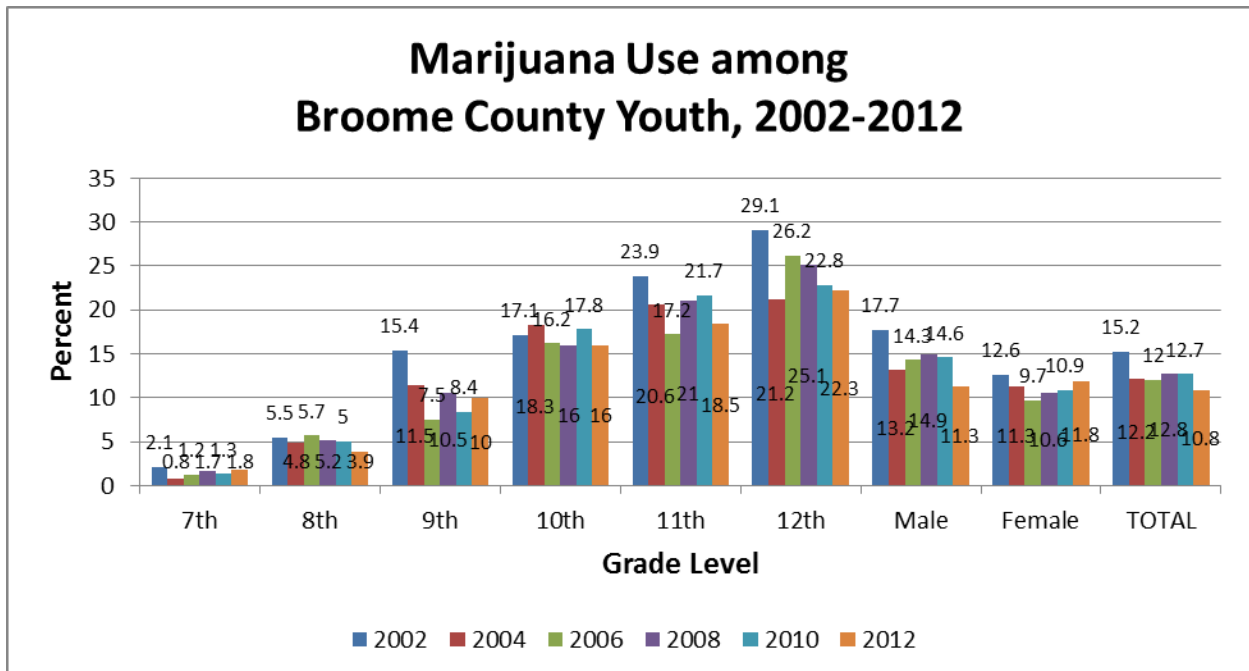
SOURCE: Prevention Needs Assessment Survey, 2006, 2012

**E 68. Binge Drinking among 7<sup>th</sup> to 12<sup>th</sup> Grade Students, Broome County, 2002-2012**



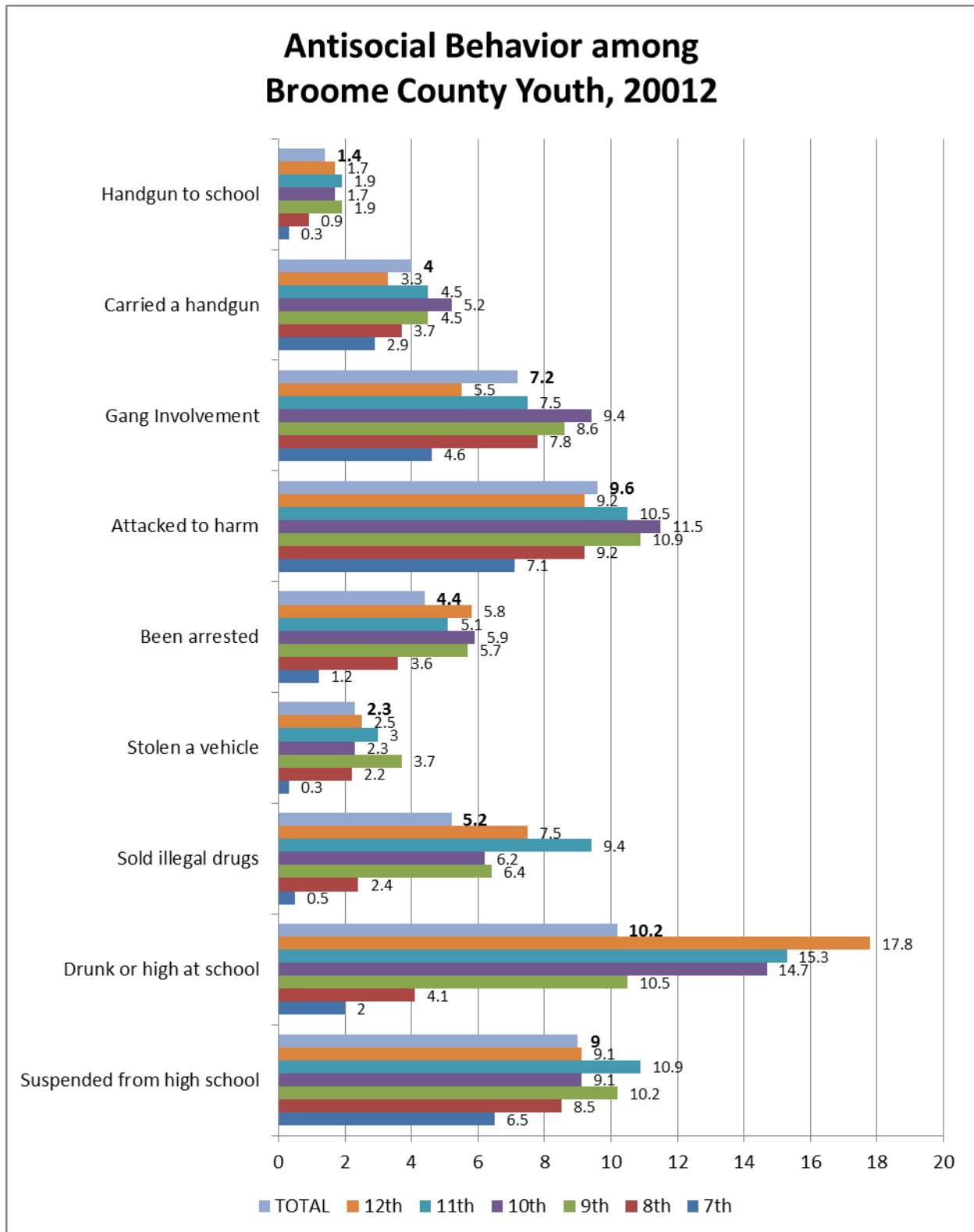
SOURCE: Prevention Needs Assessment Survey, 2006, 2012

**E 69. Marijuana Use (past month) among 7<sup>th</sup> to 12<sup>th</sup> Grade Students, Broome County, 2002-2012**



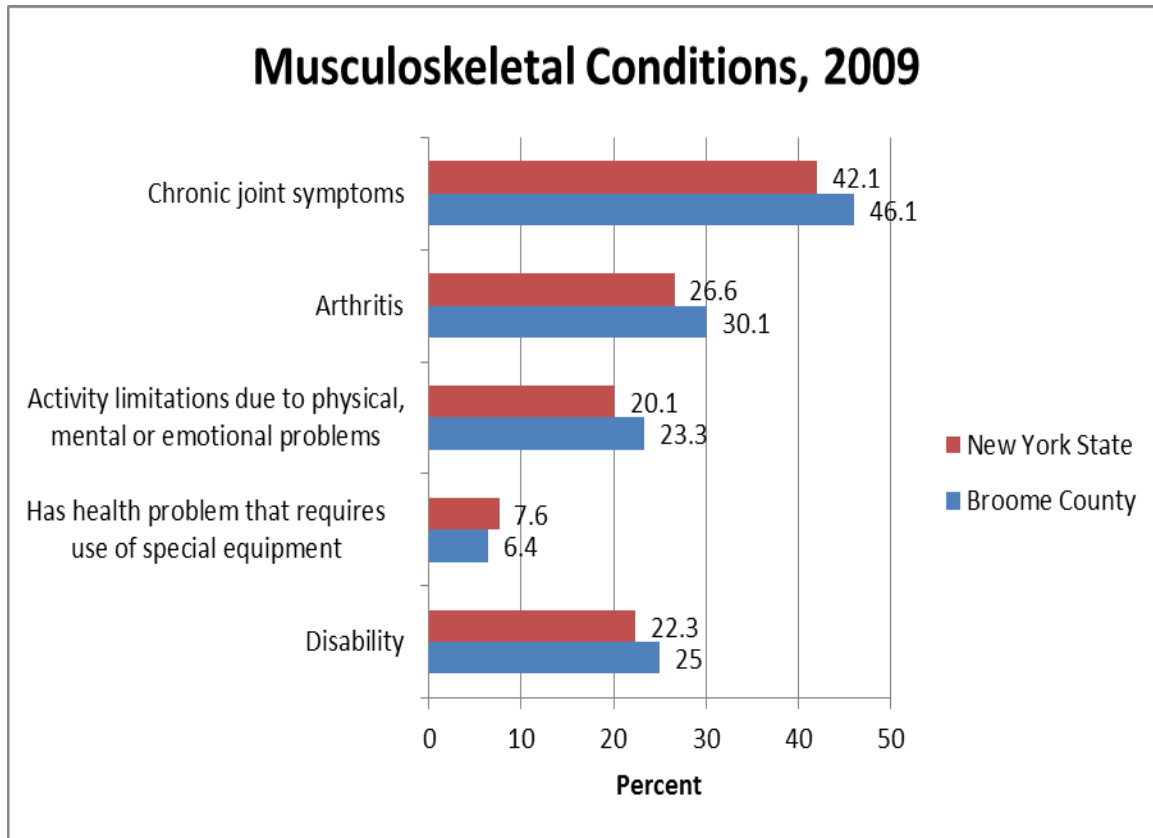
SOURCE: Prevention Needs Assessment Survey, 2006, 2012

E 70. Antisocial Behavior (past year) among 7<sup>th</sup> to 12<sup>th</sup> Grade Students, Broome County, 2012



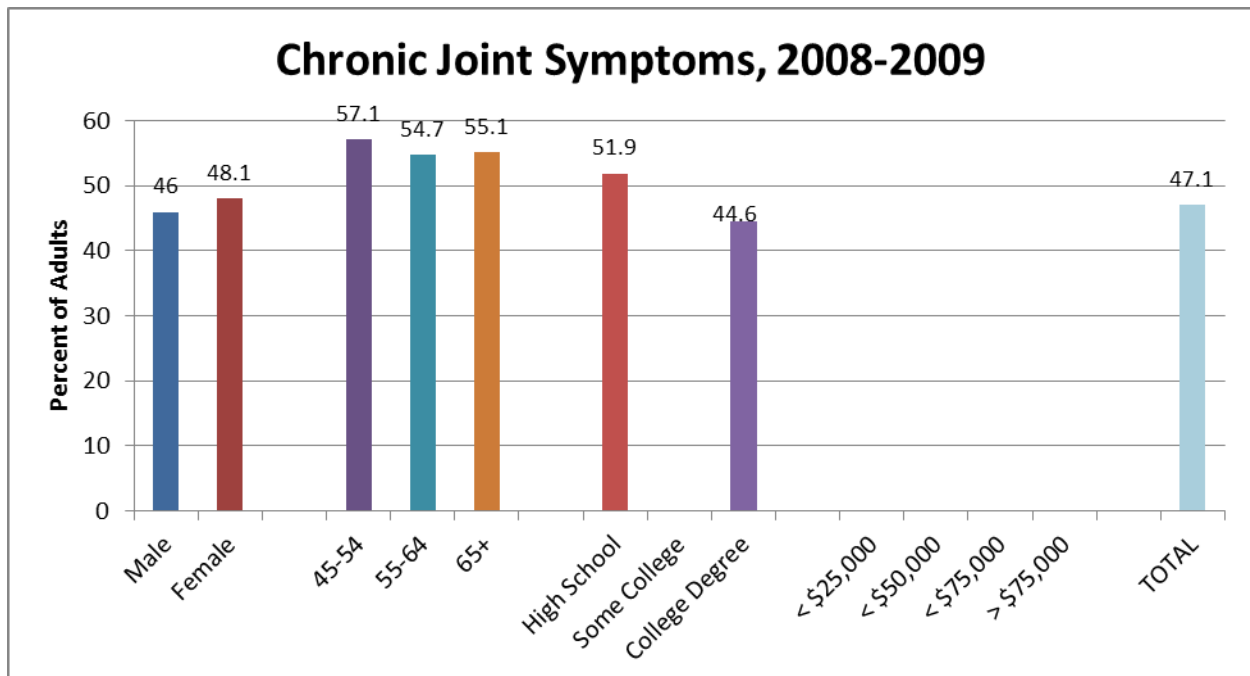
SOURCE: Prevention Needs Assessment Survey, 2006, 2012

**E 71. Chronic Disease: Musculoskeletal Conditions [Age-Adjusted], Broome County, New York State, 2009**



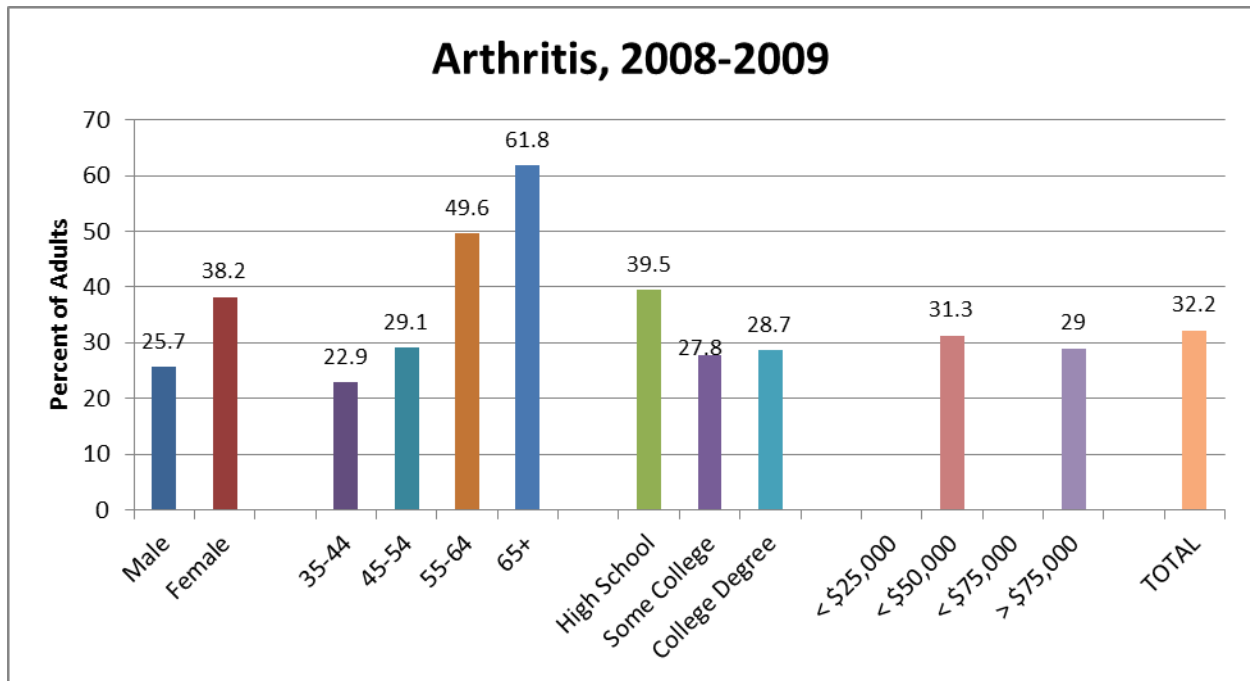
SOURCE: New York State Expanded Behavioral Risk Factor Surveillance System (BRFSS), Broome County, 2009

**E 72. Chronic Joint Symptoms among Adults, Broome County, NY, 2008-2009**



SOURCE: New York State Expanded Behavioral Risk Factor Surveillance System (BRFSS), Broome County, 2009

**E 73. Arthritis among Adults, Broome County, NY, 2008-2009**



SOURCE: New York State Expanded Behavioral Risk Factor Surveillance System (BRFSS), Broome County, 2009

**E 74. Youth Economic Security, Broome County, Upstate New York, New York State, 2011**

Youth Economic Security Indicator	Broome				NYS		Upstate NY	
	Baseline		Most Recent		Baseline	Most Recent	Baseline	Most Recent
	N	%	N	%	%	%	%	%
<b>Economic Security</b> [Baseline 2005; Most Recent 2011]								
Children & youth living below poverty (age birth-17 years)	8,965	22.1	9,462	24.4	19.7	22.8	17.5	22.8
Children and youth receiving Supplemental Nutrition Assistance Program (SNAP) benefits (age birth-17 years) [2005, 2012]	7,427	17.9	11328	28.6	16.4	28.4	20.4	28.4
Children & youth receiving public assistance (age birth-17 years)	2,982	7.2	3,948	10.0	7.3	7.0	4.9	7.0
Children & youth receiving supplemental security income (age birth-19 years)	785	1.5	1,281	2.7	1.4	2.1	1.6	2.1
Children receiving free or reduced-price school lunch-public schools (grades K-6)	6,674	41.2	6,797	45.3	48.5	52.4	36.3	52.4

SOURCE: NYS Kids' Well-being Indicators Clearinghouse (KWIC), 2011

**E 75. Youth Injury and Injury-Related Deaths, Broome County, Upstate New York, New York State, 2008-2010**

Injury & Injury-Related Deaths Indicator	Broome				NYS		Upstate NY	
	Baseline		Most Recent		Baseline	Most Recent	Baseline	Most Recent
	N	Rate	N	Rate	Rate	Rate	Rate	Rate
<b>Motor Vehicle Crashes</b> [Baseline 2004-2006; Most recent 2008-2010]								
Hospitalizations (3-year average, rate per 100,000 youth age 15-24 yrs.)	30	92.7	24	77.8	130.8	102.6	149.1	114.5
Mortalities (3-year average, rate per 100,000 youth age 15-24 yrs.)	5*	15.3*	2*	7.7*	13.5	9.2	18.3	12.6
<b>Self-Inflicted Injuries</b> [Baseline 2004-2006; Most recent 2008-2010]								
Hospitalizations (3-year average, rate per 100,000 youth age 10-14 yrs.)	4*	32.2*	2*	17.6*	22.8	18.0	25.0	20.2
Hospitalizations (3-year average, rate per 100,000 youth age 15-19 yrs.)	16*	100.3*	19*	119.5*	94.7	97.5	101.5	109.2
Suicide Mortality (3-year average, rate per 100,000 youth age 10-19 yrs.)	1*	4.7*	0*	0*	2.6	2.4	3.0	2.9
<b>Unintentional Injuries</b> [Baseline 2004-2006; Most recent 2008-2010]								
Hospitalizations (rate per 100,000 youth age birth-19 yrs.)	129	261.1	100	205.4				
Mortalities (3-year average, rate per 100,000 youth age birth-19 yrs.)	8*	15.5*	4*	7.6*	7.5	6.1	9.4	7.6

SOURCE: NYS Kids' Well-being Indicators Clearinghouse (KWIC), 2005, 2011

\*Too few events, rate unstable



**E 76. Broome County Clients Served During Week of 2011 Patient Characteristics Survey by Program and Age Group**

PROGRAM	< 18 YEARS	18 - 64 YEARS	65+ YEARS	TOTAL CLIENTS
<i>ALL SERVICES</i>	308	1292	109	1709
<b>Emergency</b>	<b>39</b>	<b>71</b>	<b>4</b>	<b>114</b>
CPEP Crisis Intervention	25	68	4	97
CPEP Extended Observation Beds	1	8	0	9
Crisis Intervention	8	0	0	8
Crisis Residence	5	0	0	5
<b>Inpatient</b>	<b>18</b>	<b>142</b>	<b>25</b>	<b>185</b>
Inpatient Psychiatric Unit Of A General Hospital	0	55	10	65
State Psychiatric Center Inpatient	18	88	15	121
<b>Outpatient</b>	<b>156</b>	<b>626</b>	<b>26</b>	<b>808</b>
Assertive Community Treatment (ACT) Teams	0	60	2	62
Clinic Treatment	127	565	24	716
Day Treatment	29	0	0	29
Intensive Psychiatric Rehabilitation Treatment	0	9	2	11
<b>Residential</b>	<b>7</b>	<b>258</b>	<b>35</b>	<b>300</b>
Apartment/Treatment	0	38	0	38
Children & Youth Community Residence	7	0	0	7
Congregate/Treatment	0	52	4	56
Family Care	0	62	23	85
Supported Housing Community Services	0	107	8	115
<b>Support</b>	<b>144</b>	<b>463</b>	<b>40</b>	<b>647</b>
Advocacy/Support Services	5	46	2	53
Assisted Competitive Employment	0	24	1	25
Drop In Centers	0	73	3	76
Family Support Services - Children & Family	16	0	0	16
Home And Community Based Services (HCBS) Waiver	19	0	0	19
Intensive Case Management	41	75	6	122
MICA Network	0	36	1	37
Non-Medicaid Care Coordination	9	48	10	67
Nursing Home Support	0	4	7	11
Ongoing Integrated Supported Employment Services	0	8	0	8
Outreach	0	11	4	15
Psychosocial Club	0	76	6	82
School Based Mental Health	49	1	0	50
Sheltered Workshop/Satellite Sheltered Workshop	0	35	4	39
Supportive Case Management (SCM)	8	82	3	93
Work Program	0	6	0	6

SOURCE: NYS Office of Mental Health, Bureau of Data Infrastructure, Patient Characteristics Survey, 2011

**E 77. Clients Served During Week of 2011 Patient Characteristics Survey by Diagnosis, Gender and Age Group, 2011**

Diagnosis	MALES				FEMALES				TOTAL			
	< 18 Years	18 – 64 Years	65+ Years	Total	< 18 Years	18 – 64 Years	65+ Years	Total	< 18 Years	18 – 64 Years	65+ Years	Total
<b>TOTAL CLIENTS SERVED</b>	174	650	44	868	134	642	65	841	308	1292	109	1709
<b>PRIMARY MENTAL HEALTH DIAGNOSIS</b>												
Schizophrenia and Related Disorders	1	267	22	290	1	148	26	175	2	415	48	465
Mood Disorder	45	213	10	268	35	295	29	359	80	508	39	627
Delusional & Other Psychotic Disorders	1	30	1	32	1	17	4	22	2	47	5	54
Anxiety Disorder	10	28	2	40	14	84	5	103	24	112	7	143
Adjustment Disorder	27	26	0	53	33	41	0	74	60	67	0	127
Attention Deficit Disorder	61	7	0	68	19	2	0	21	80	9	0	89
Conduct Disorder	3	2	0	5					3	2	0	5
Other Mental Disorder	22	22	4	48	16	30	1	47	38	52	5	95
Personality & Impulse Control Disorders	3	10	0	13	3	6	0	9	6	16	0	22
Substance-Related Disorder	1	13	2	16	0	6	0	6	1	19	2	22
Organic Mental Disorder	0	1	1	2	0	6	1	7	0	7	2	9
Mental Retardation/Dev. Disorder	1	2	0	3	0	2	0	2	1	4	0	5
Physical Disorder	2	0	0	2	8	0	0	8	10	0	0	10
Not Applicable	0	0	1	1	0	1	0	1	0	1	1	2
Unknown or Missing diagnosis	8	75	4	87	11	46	1	58	19	121	5	145
<b>CHRONIC MEDICAL CONDITION</b>												
Any Cardio-Metabolic Condition	16	308	32	356	12	346	51	409	28	654	83	765
Hyperlipidemia (High Blood Fat /High Cholesterol)	2	159	17	178	1	133	27	161	3	292	44	339
High Blood Pressure	1	163	22	186	0	150	38	188	1	313	60	374
Diabetes	1	91	11	103	1	116	20	137	2	207	31	240
Obesity	12	122	9	143	10	198	17	225	22	320	26	368
Heart Attack	0	9	4	13	0	5	1	6	0	14	5	19
Stroke	0	13	3	16	0	10	5	15	0	23	8	31
Other Cardiac Condition	1	41	10	52	0	41	9	50	1	82	19	102
Pulmonary	7	93	17	117	4	133	16	153	11	226	33	270
Alzheimer's Disease Or Dementia	0	2	7	9	0	3	6	9	0	5	13	18
Kidney Disease	0	13	2	15	0	14	3	17	0	27	5	32
Liver Disease	0	27	3	30	0	14	1	15	0	41	4	45
Endocrine	0	46	4	50	2	95	15	112	2	141	19	162
Progressive Neurological Condition	0	10	1	11	0	12	2	14	0	22	3	25
Traumatic Brain Injury	1	19	2	22	0	8	0	8	1	27	2	30
Joint And Connective Tissue Disease	0	75	11	86	2	120	23	145	2	195	34	231
Cancer	0	10	4	14	0	17	7	24	0	27	11	38

SOURCE: NYS Office of Mental Health, Bureau of Data Infrastructure, Patient Characteristics Survey, Sample Week November, 2011

**E 78. Youth Crime, Broome County, Upstate New York, New York State, 2011**

Youth Crime Indicator	Broome				NYS		Upstate NY	
	Baseline		Most Recent		Baseline	Most Recent	Baseline	Most Recent
	N	Rate	N	Rate	Rate	Rate	Rate	Rate
<b>Arrests-Young Adult</b> [Baseline 2005; Most Recent 2011]								
Arrests for driving while intoxicated (rate per 10,000 youth age 16-21 years)	111	55.8	60	31.2	43.9	29.6	65.9	42.4
Arrests for drug use/possession/sale (rate per 10,000 youth age 16-21 years)	171	86.0	117	60.9	186.0	176.4	85.0	81.5
Arrests for property crimes (rate per 10,000 youth age 16-21 years)	544	273.5	562	292.6	143.6	157.8	158.9	163.0
Arrests for violent crimes (rate per 10,000 youth age 16-21 years)	96	48.3	78	40.6	95.8	72.8	54.3	37.4
Hospitalizations resulting from assault (3-year average, rate per 100,000 youth ages 10-19 years) [Baseline 2004-2006; Most recent 2008-2010]	4	14.7	7	26.9	73.0	66.1	34.3	32.1

SOURCE: NYS Kids' Well-being Indicators Clearinghouse (KWIC), 2011

\*Too few events, rate unstable

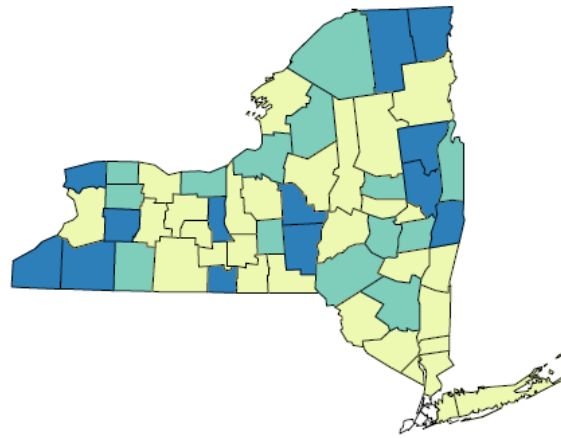
**E 79. Delinquency among Youth, Broome County, Upstate New York, New York State, 2011**

Delinquency Indicator	Broome				NYS		Upstate NY	
	Baseline		Most Recent		Baseline	Most Recent	Baseline	Most Recent
	N	%	N	%	%	%	%	%
<b>Juvenile Delinquents</b> [Baseline 2005; Most Recent 2012]								
Intakes by Outcomes-Adjusted (age 7-15 years)	199	42.4	164	43.4	34.6	39.9	43.6	45.8
Intakes by Outcomes-referred for court petition immediately (age 7-15 years)	247	52.7	203	53.7	57.9	51.6	47.1	40.5
Intakes by Outcomes-Referred for court petition after diversion attempt (age 7-15 years)	23	4.9	11*	2.9*	7.5	8.5	9.3	13.7
PINS Cases opened (age 7-17)	263	9.5	108	4.3				

SOURCE: NYS Kids' Well-being Indicators Clearinghouse (KWIC), 2005, 2011

\*Too few events, rate unstable

**E 80. Age-adjusted Percentage of Adults with Physician Diagnosed Angina, Heart Attack or Stroke, 2008-2009**



Percentage of adults  
Counties Are Shaded Based On Quartile Distribution

□	Data not available or do not meet reporting criteria
■	0 - < 7.9: Q1
■	7.9 - < 8.9: Q3
■	8.9 + : Q4

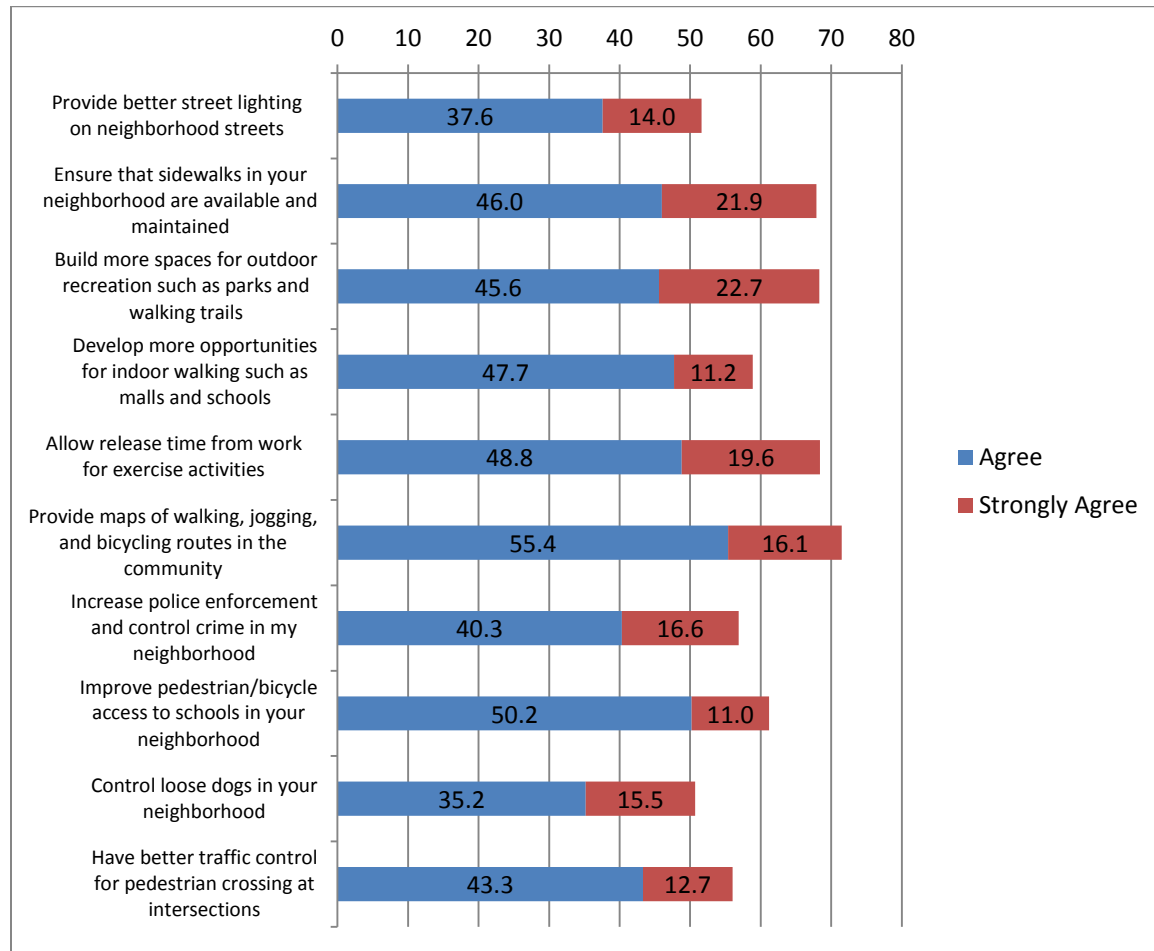
Source: 2008-2009 NYS Expanded Behavioral Risk Factor Surveillance System Data as of 2010

**COMMUNITY MEASURES**

**E 81. Changes Your Community Could Make to Help You Exercise More ...**

<b>Exercise More</b>	<b>No Opinion (%)</b>	<b>Strongly Disagree (%)</b>	<b>Disagree (%)</b>	<b>Agree (%)</b>	<b>Strongly Agree (%)</b>
Provide better street lighting on neighborhood streets	4.1	5.6	38.7	37.6	14
Ensure that sidewalks in your neighborhood are available and maintained	6.5	4.2	21.4	46	21.9
Build more spaces for outdoor recreation such as parks and walking trails	2.6	2.3	26.8	45.6	22.7
Develop more opportunities for indoor walking such as malls and schools	2.6	3.4	35.1	47.7	11.2
Allow release time from work for exercise activities	2.6	5	32.1	48.8	19.6
Provide maps of walking, jogging, and bicycling routes in the community	1.9	2.5	24.2	55.4	16.1
Increase police enforcement and control crime in my neighborhood	3.8	3.8	35.4	40.3	16.6
Improve pedestrian/bicycle access to schools in your neighborhood	4.8	2.1	31.9	50.2	11
Control loose dogs in your neighborhood	4	3.2	42	35.2	15.5
Have better traffic control for pedestrian crossing at intersections	4.3	1.7	38	43.3	12.7

SOURCE: Broome County Health Department, Steps Behavioral Risk Factor Surveillance System, 2007-2008

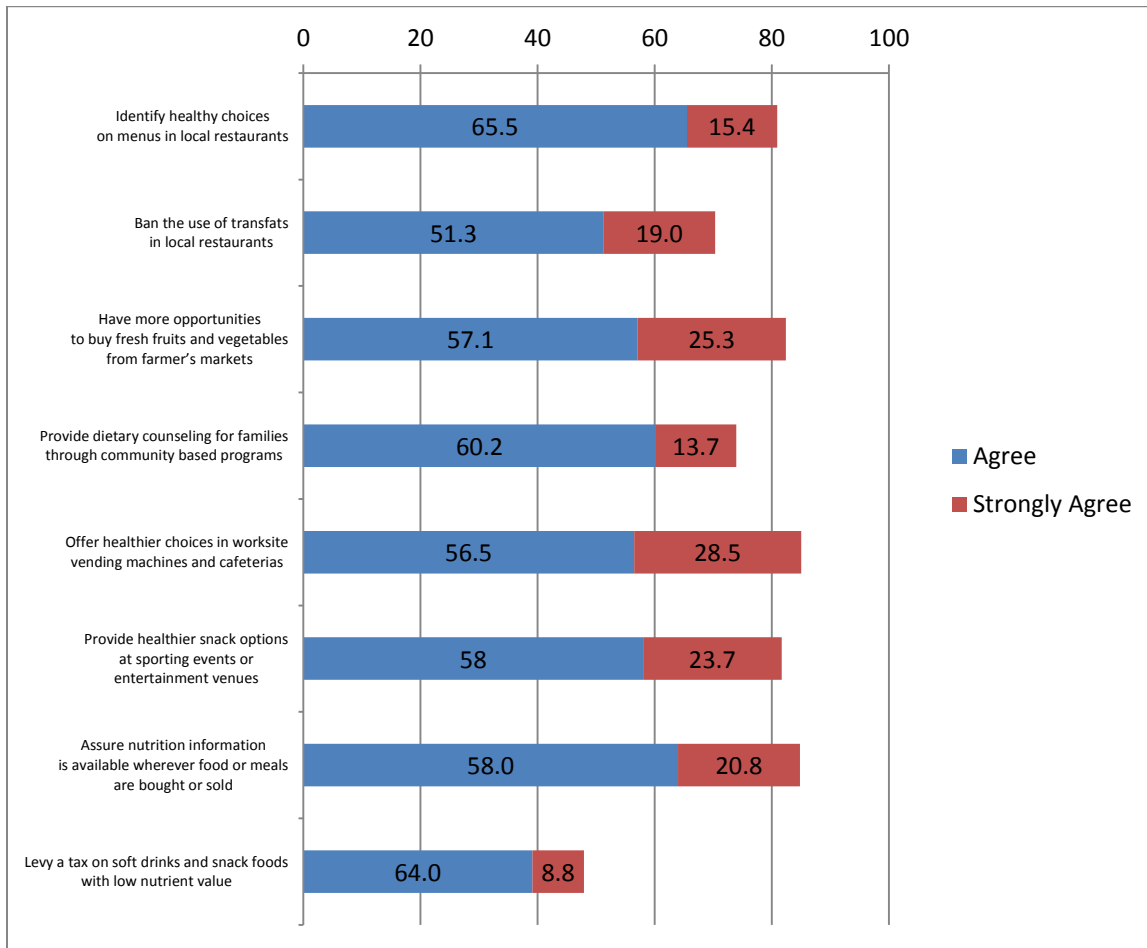
**E 82. Changes Your Community Could Make to Help You Exercise More ...**

SOURCE: Broome County Health Department, Steps Behavioral Risk Factor Surveillance System, 2007-2008

**E 83.Changes Your Community Could Make to Help You Eat Healthier ...**

<b>Eat Healthier</b>	<b>No Opinion (%)</b>	<b>Strongly Disagree (%)</b>	<b>Disagree (%)</b>	<b>Agree (%)</b>	<b>Strongly Agree (%)</b>
Identify healthy choices on menus in local restaurants	1.6	1	16.5	65.5	15.4
Ban the use of trans fats in local restaurants	2.4	3.5	23.8	51.3	19
Have more opportunities to buy fresh fruits and vegetables from farmer's markets	2.6	1	14	57.1	25.3
Provide dietary counseling for families through community based programs	2.9	1.8	21.5	60.2	13.7
Offer healthier choices in worksite vending machines and cafeterias	1.7	1.3	12	56.5	28.5
Identify healthy choices on menus in local restaurants	1.6	1	16.5	65.5	15.4
Ban the use of trans fats in local restaurants	2.4	3.5	23.8	51.3	19
Have more opportunities to buy fresh fruits and vegetables from farmer's markets	2.6	1	14	57.1	25.3
Provide dietary counseling for families through community based programs	2.9	1.8	21.5	60.2	13.7
Offer healthier choices in worksite vending machines and cafeterias	1.7	1.3	12	56.5	28.5

SOURCE: Broome County Health Department, Steps Behavioral Risk Factor Surveillance System, 2007-2008

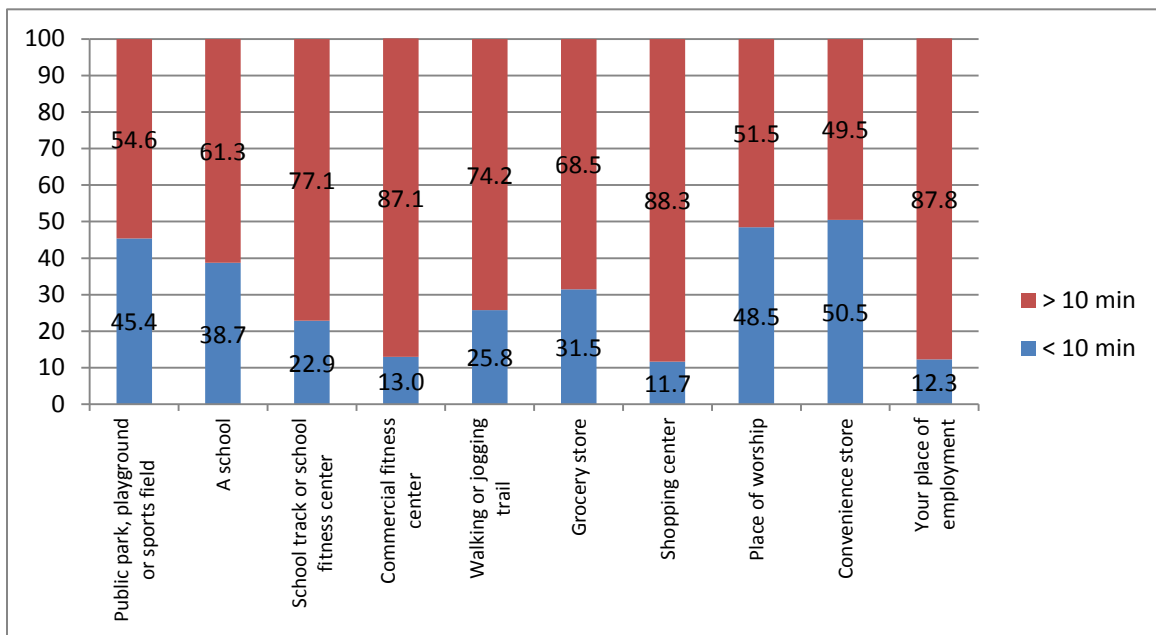
**E 84. Changes Your Community Could Make to Help You Eat Healthier ...**

SOURCE: Broome County Health Department, Steps Behavioral Risk Factor Surveillance System, 2007-2008



### E 85. Perceptions about Walking Distance & Safety in Broome County, 2007-2008

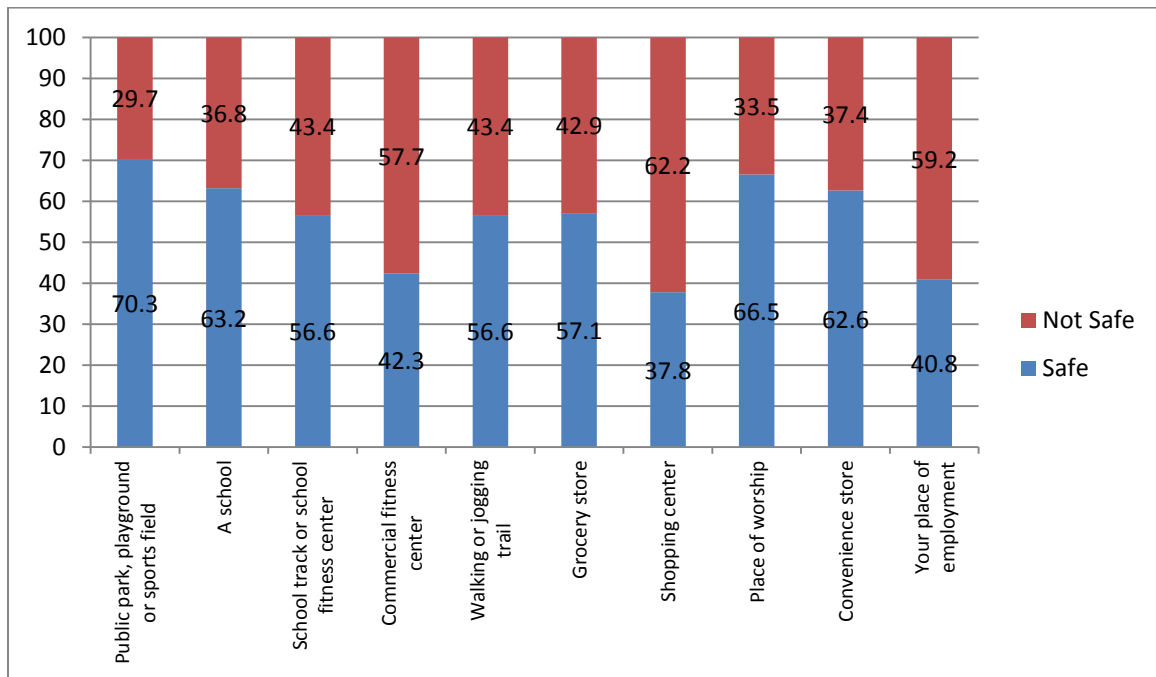
- Does it take you more than 10 minutes or less than ten minutes to walk here from your home?



SOURCE: Broome County Health Department, Steps Behavioral Risk Factor Surveillance System, 2007-2008

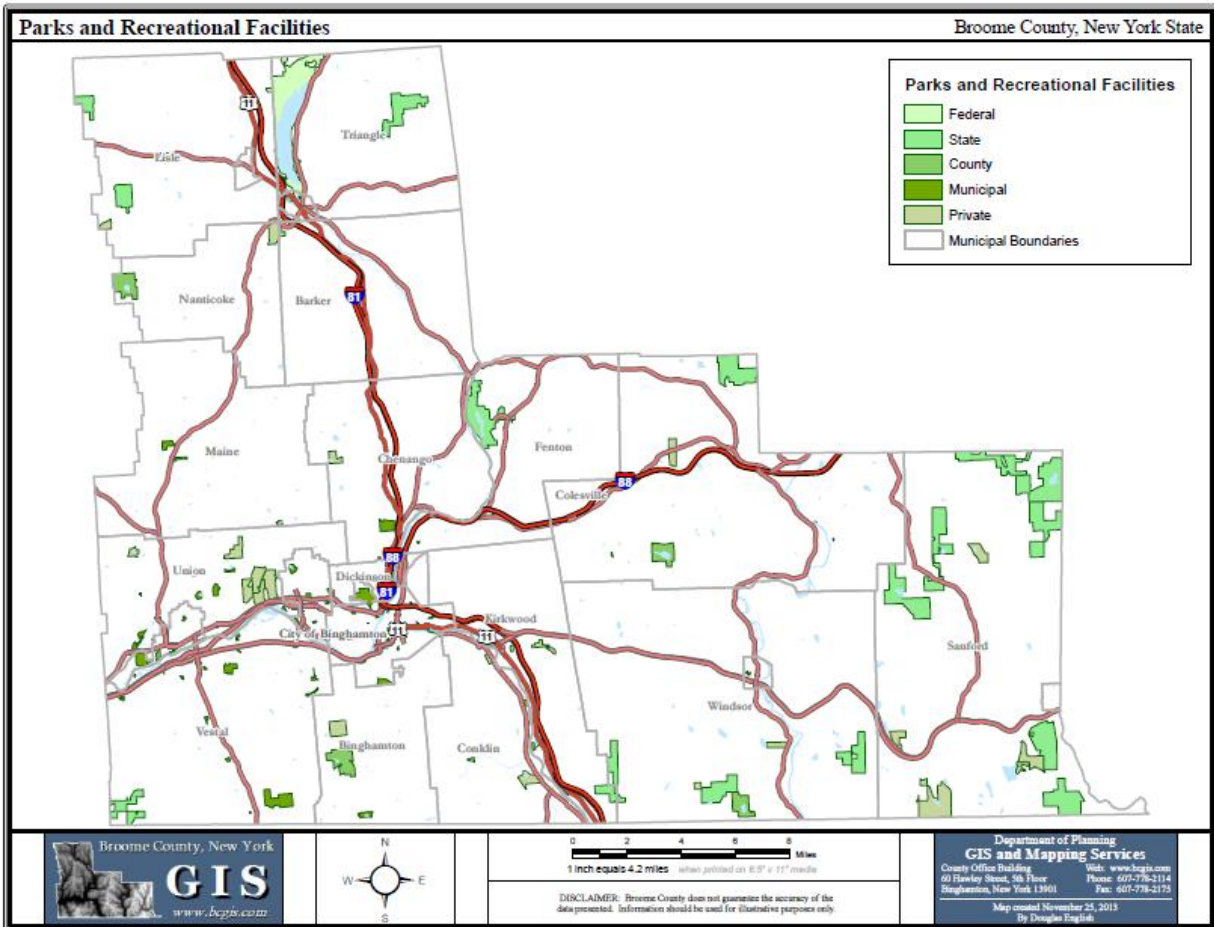
### E 86. Perceptions about Walking Distance & Safety in Broome County, 2007-2008

- Would you say the walk is safe or unsafe?



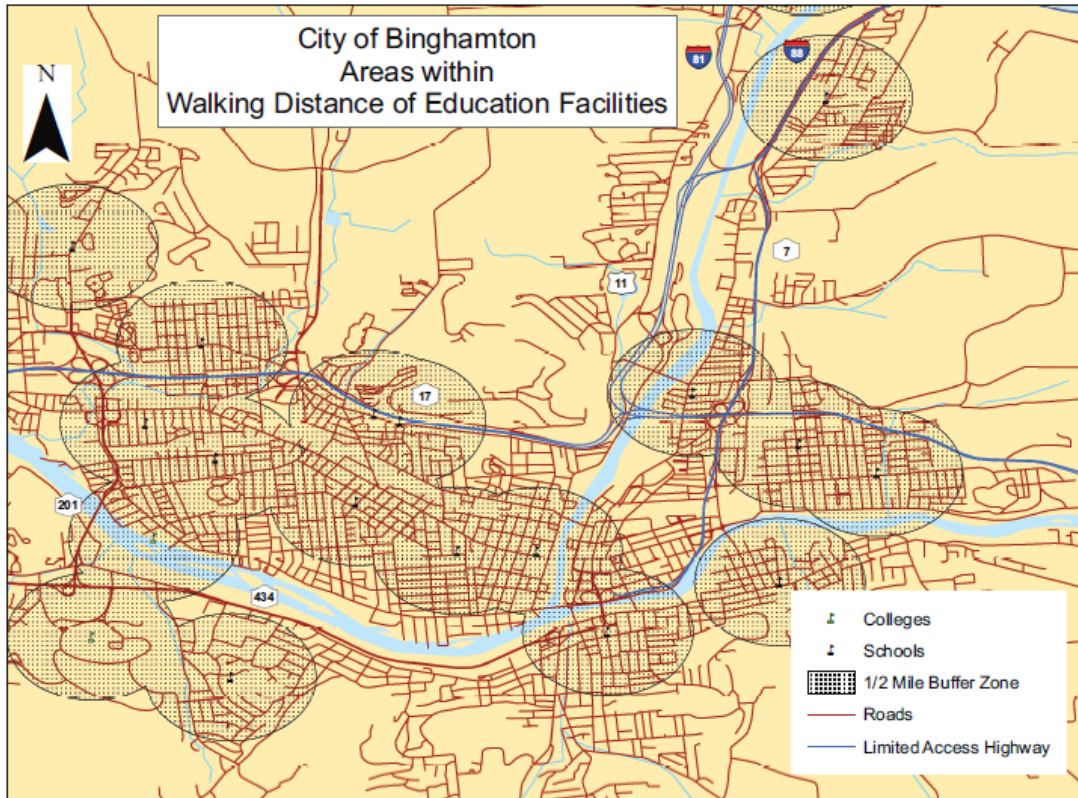
SOURCE: Broome County Health Department, Steps Behavioral Risk Factor Surveillance System, 2007-2008

E 87. Parks & Recreational Facilities, Broome County, NY



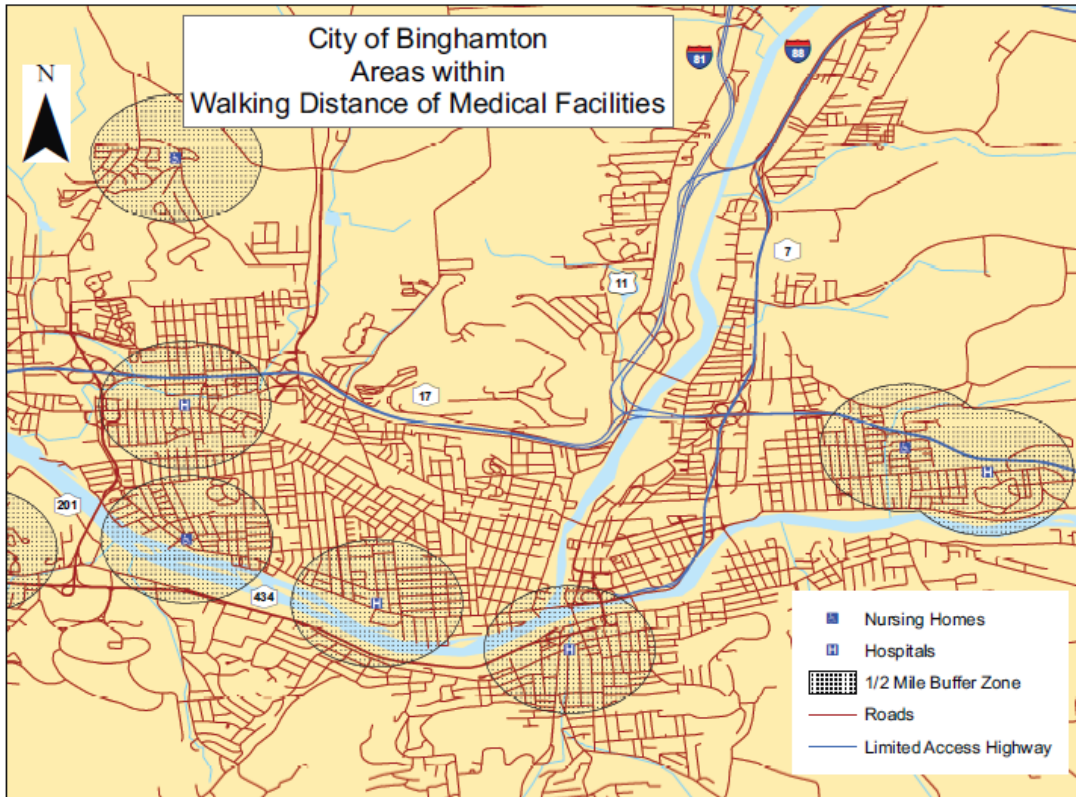
SOURCE: Broome County, Department of Planning, GIS and Mapping Services, 2013

**E 88. City of Binghamton Areas within Walking Distance of Education Facilities**



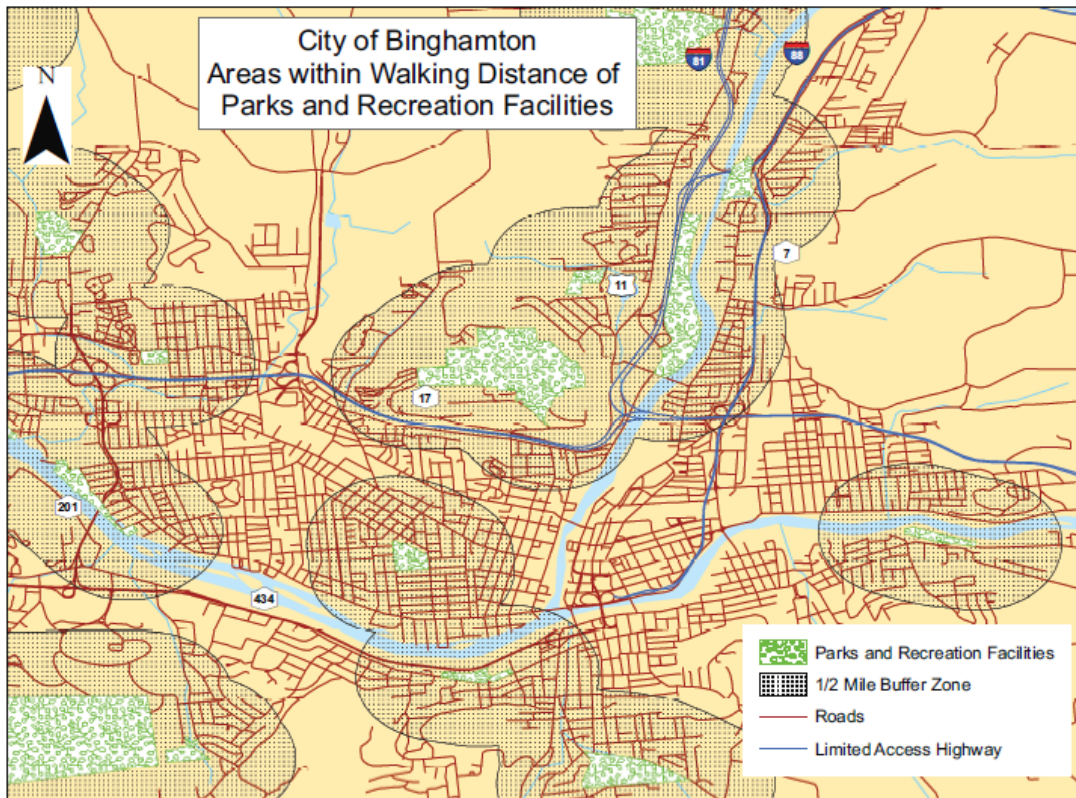
SOURCE: Initiative for Healthy Infrastructure 2006, Updated 2007

**E 89. City of Binghamton Areas within Walking Distance of Medical Facilities**



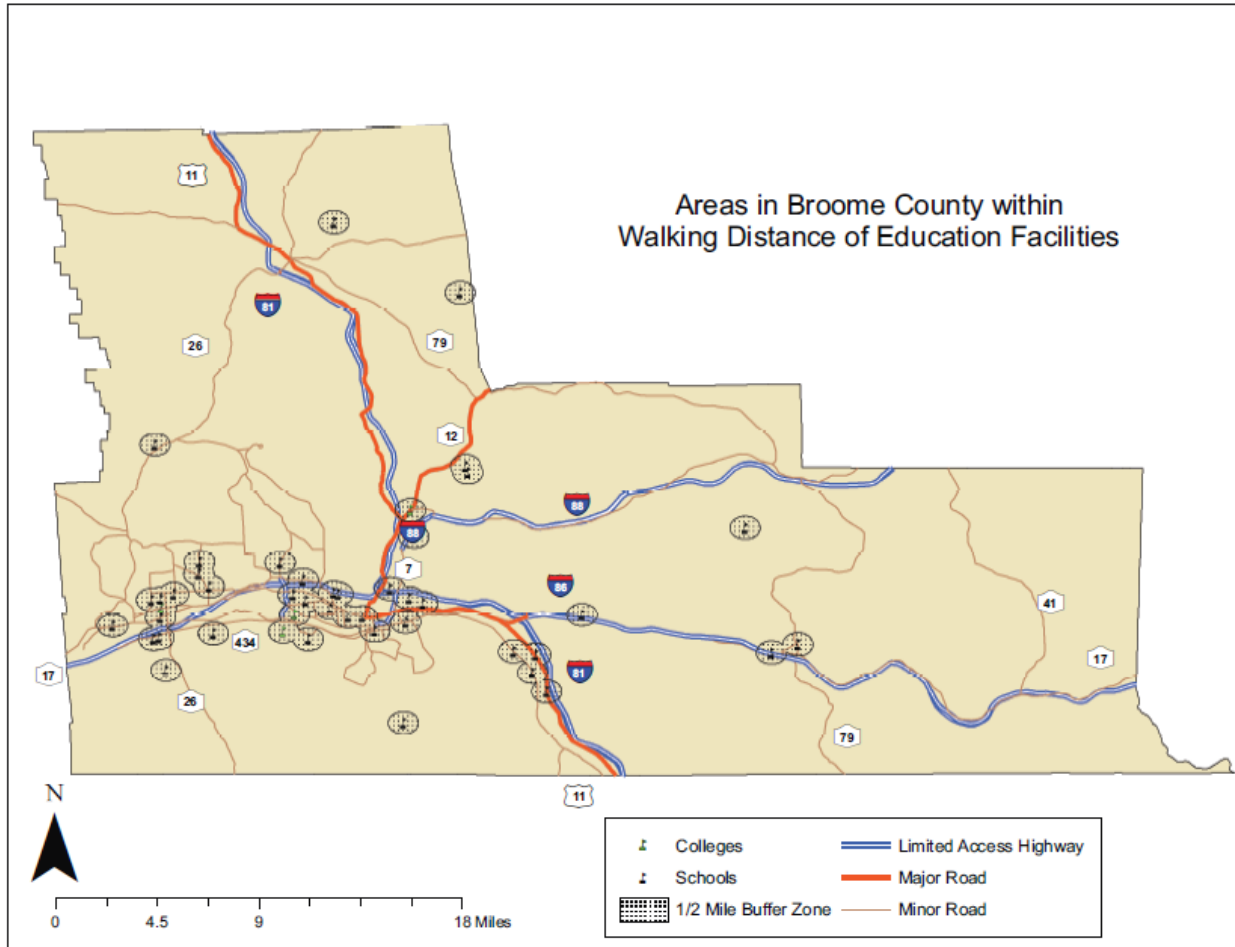
SOURCE: Initiative for Healthy Infrastructure 2006, Updated 2007

### E 90. City of Binghamton Areas within Walking Distance of Parks and Recreation Facilities



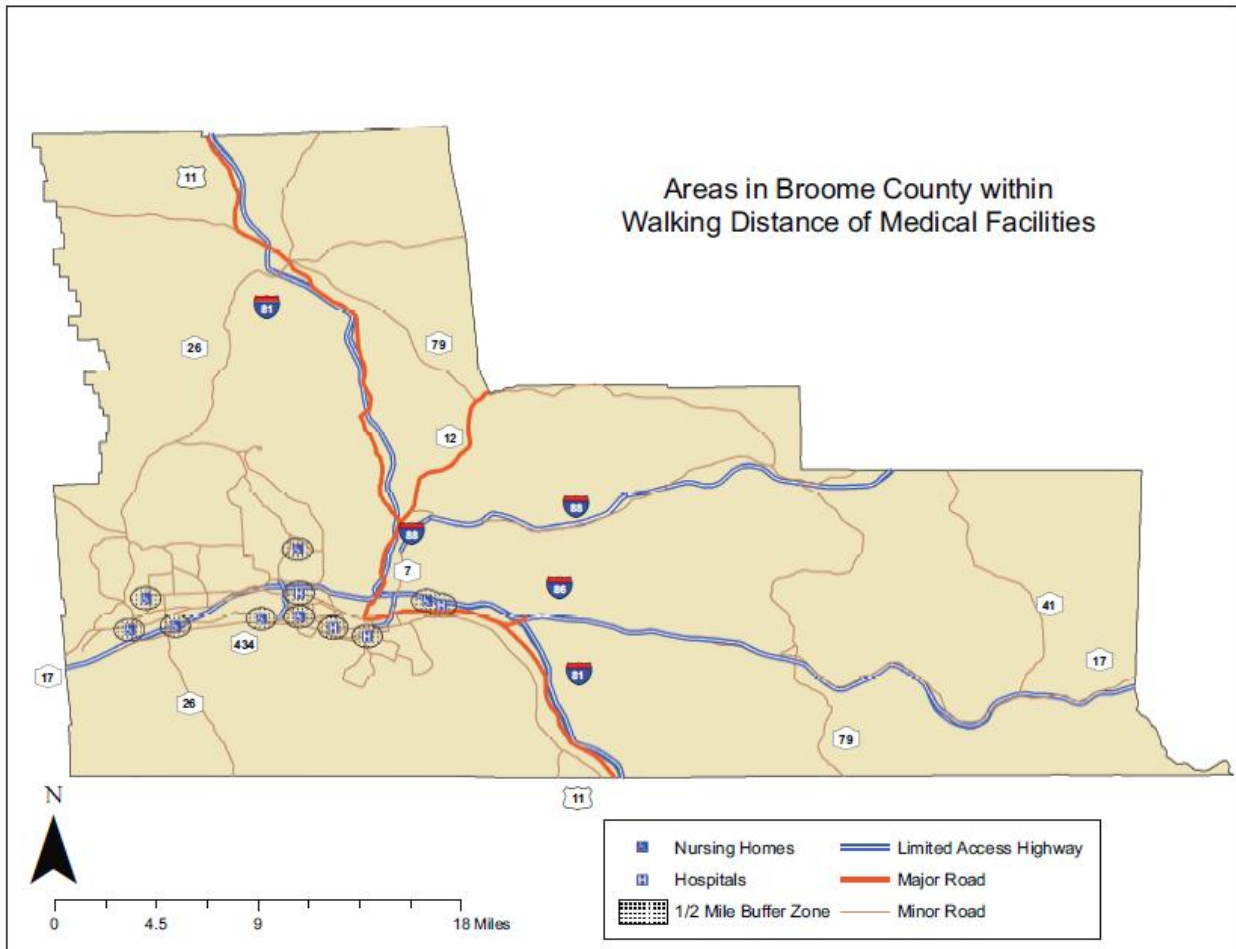
SOURCE: Initiative for Healthy Infrastructure 2006, Updated 2007

**E 91. Areas in Broome County within Walking Distance of Education Facilities**



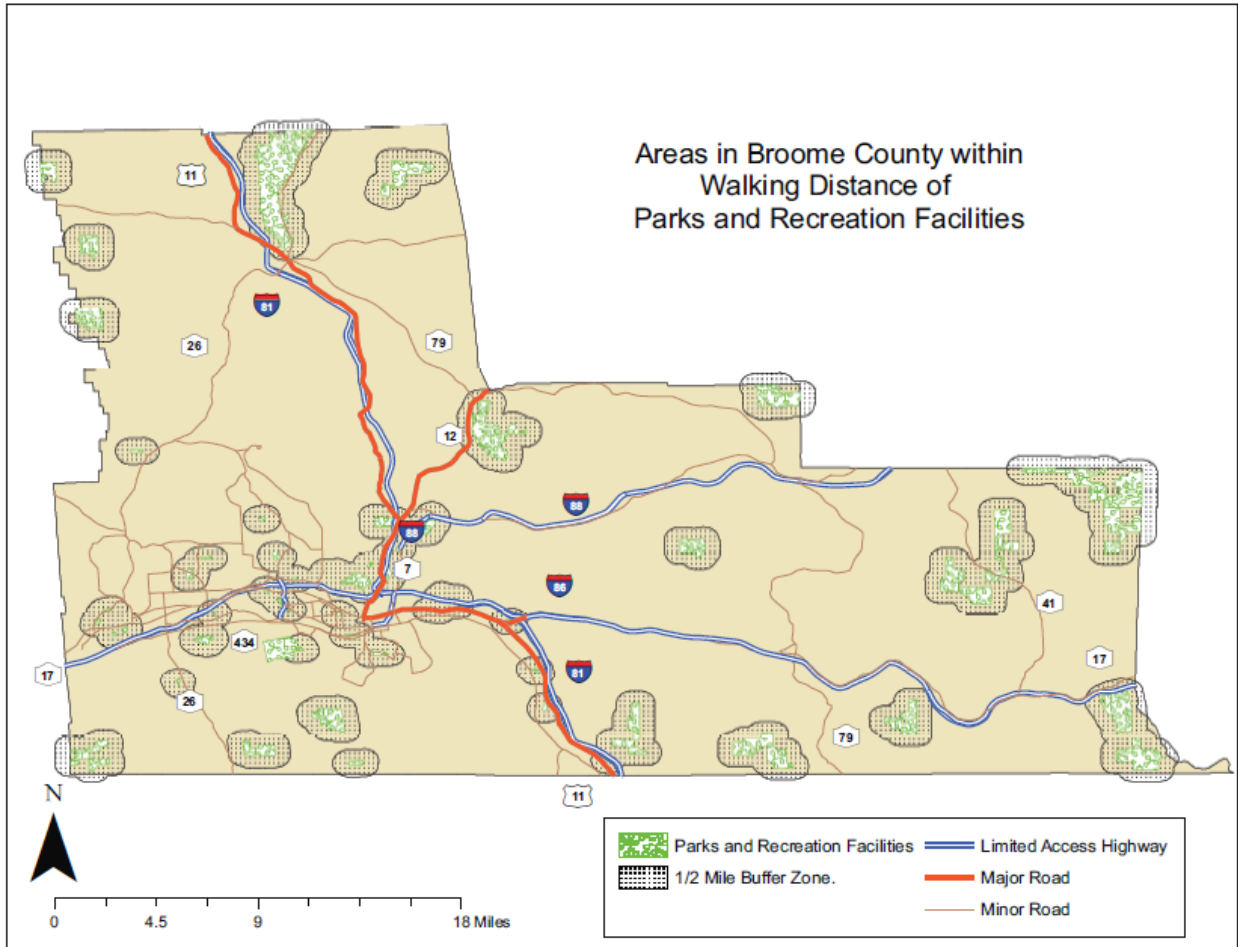
SOURCE: Initiative for Healthy Infrastructure 2006, Updated 2007

### E 92. Areas in Broome County within Walking Distance of Medical Facilities



SOURCE: Initiative for Healthy Infrastructure 2006, Updated 2007

**E 93. Areas in Broome County within Walking Distance of Parks and Recreation Facilities**



SOURCE: Initiative for Healthy Infrastructure 2006, Updated 2007