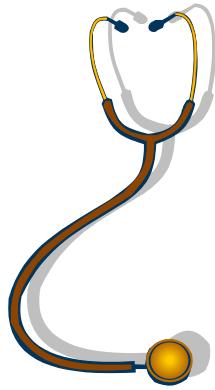
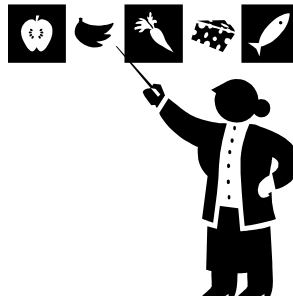


 HEALTH AND  
HUMAN SERVICES





## ***Introduction: Health and Human Services***

### *Health*

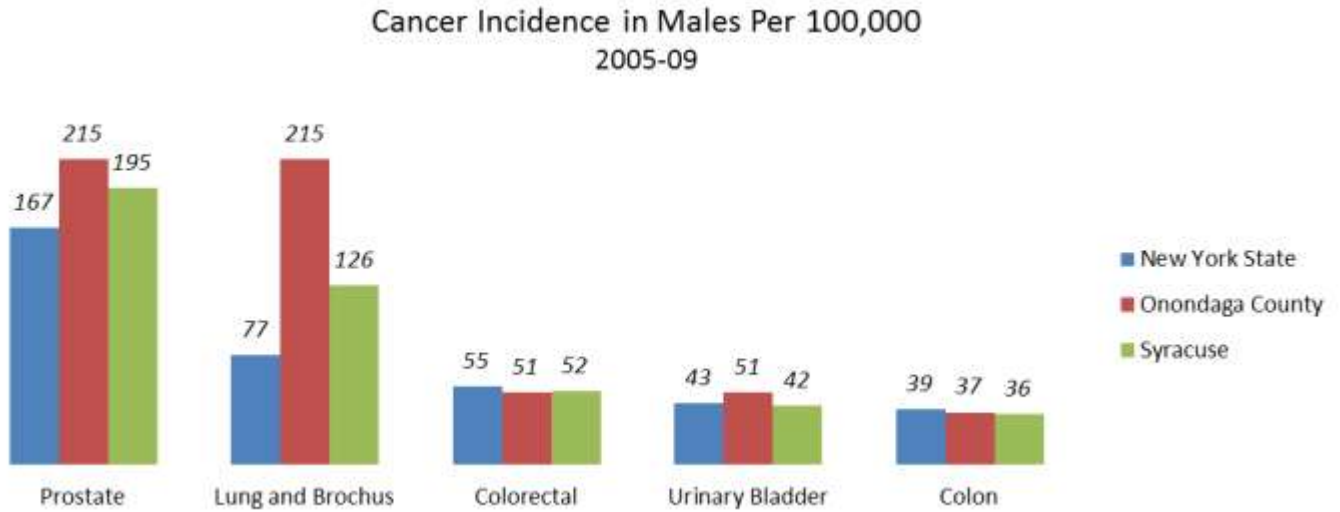
This report section examines the current state of health and human services in Onondaga County. Just under half of all individuals in Syracuse have health insurance through a private insurer. 23% of people living in Syracuse are covered by public health insurance, which exceeds both national and state averages for this type of coverage (American Community Survey, 2010). Rates of public health insurance coverage are lower for Onondaga County when compared to Syracuse (American Community Survey, 2010). Portions of the local population remain without any type of insurance: according to the 2010 ACS, approximately 14% of individuals in Syracuse lack health coverage, ranking Syracuse below the national average but still exceeding county and state levels (American Community Survey, 2010).

### *Human Services*

From 2006-2010, 47% of Syracusans under 18 were receiving public assistance, lower than Rochester at 54%, and Buffalo, 51%, but higher than Albany, 35% (2006-2010 American Community Survey). At the county level, Onondaga has the highest Women Infant and Children (WIC) nutrition redemptions per capita at \$15 when compared to Albany, Erie and Monroe counties (United States Department of Agriculture). Supplemental Nutrition Assistance Program (SNAP) benefits per capita in Onondaga County are average when compared to similar counties, at \$18.

Trends in Onondaga County illustrate the difficulties that exist in addressing health disparities and human services. Despite having considerable government nutrition assistance, 33% of elementary, middle and high school students are overweight or obese (New York State Department of Health). The number of adults diagnosed with diabetes increase from 5% in 2006 to 11% in 2010 (Health Indicators.gov). County residents also face longer wait times in the emergency room than the state average (Centers for Medicare and Medicaid Services).

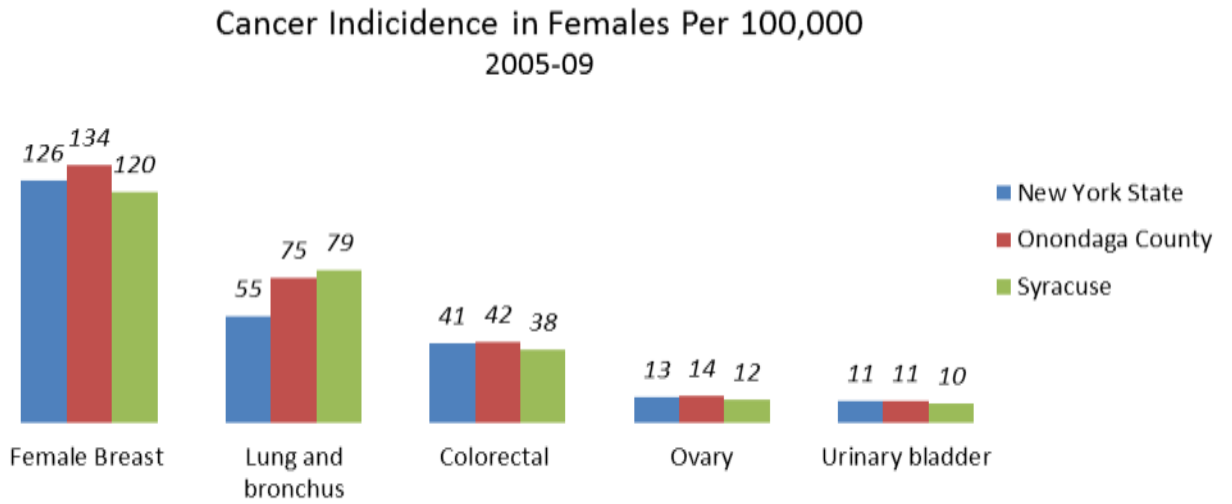
1. Onondaga County has higher incidences of certain cancers in males per 100,000 than males throughout the state, 2005-09.



Source: New York State Department of Health, New York State Cancer Registry  
<http://www.health.ny.gov/statistics/cancer/registry/vol1.htm>

Type and Number of Cancer Incidences Per 100,000, 2005-09						
Location	Colon	Colorectal	Lung and Bronchus	Prostate	Urinary Bladder	Total
Syracuse	36	52	126	195	42	415
Onondaga County	37	51	215	215	51	532
New York State	39	55	77	167	43	342

2. Breast cancer is the most prevalent cancer among females in Onondaga County, with a rate of 134 per 100,000.



Source: New York State Department of Health, New York State Cancer Registry  
<http://www.health.ny.gov/statistics/cancer/registry/vol1.htm>

Type and Number of Cancer Incidences Per 100,000, 2005-09						
Location	Colorectal	Female Breast	Lung and Bronchus	Ovary	Urinary Bladder	Total
Syracuse	38	120	79	12	10	259
Onondaga County	42	134	75	14	11	276
New York State	41	126	55	13	11	246

- Males in Onondaga County experienced the highest lung cancer rates at 98 per 100,000 in 2005-09, when compared to nearby counties.

**Lung Cancer Incidence Rates Among Males per 100,000  
2005-09**



Source: New York State Cancer Registry, 2005-09.

<http://www.health.ny.gov/statistics/cancer/registry/cntymaps/cntymaps.pdf>

Comment: Raw data not available.

Lung Cancer Incidence Rates Among Males 2005-09	
Location	Rate per 100,000
Albany County	92
Erie County	90
Monroe County	82
Onondaga County	98
New York State	77

4. Females in Onondaga County had the highest rates of lung cancer at 76 per 100,000 in 2005-09, when compared to nearby counties.

**Lung Cancer Incidence Rates Among  
Females per 100,000  
2005-09**



*Source: New York State Cancer Registry, 2005-09.*

*<http://www.health.ny.gov/statistics/cancer/registry/cntymaps/cntymaps.pdf>*

Comment: Raw data is not available.

Lung Cancer Incidence Rates Among Females 2005-09	
Location	Rate per 100,000
Albany County	72
Erie County	66
Monroe County	60
Onondaga County	76
New York State	55

5. Childhood cancer rate in Onondaga County were of 173 per 100,000 in 2005-09, lower than two other nearby counties.

Childhood Cancer Incidence Rates per 100,000  
2005-09



Source: New York State Cancer Registry, 2005-09.

<http://www.health.ny.gov/statistics/cancer/registry/cntymaps/cntymaps.pdf>

Comment: Raw data not available.

Childhood Cancer Incidence Rates 2005-09	
Location	Rate per 100,000
Albany County	200
Erie County	66
Monroe County	60
Onondaga County	76
New York State	55

6. 8.5 HIV Cases per 100,000 were newly diagnosed in Onondaga County, 2004-06.

Newly Diagnosed HIV Cases per 100,000  
2008-10



Source: New York State Department of Health, NYS County Health Assessment Indicators - HIV/AIDS/STDs <http://www.health.ny.gov/statistics/chac/chai/>

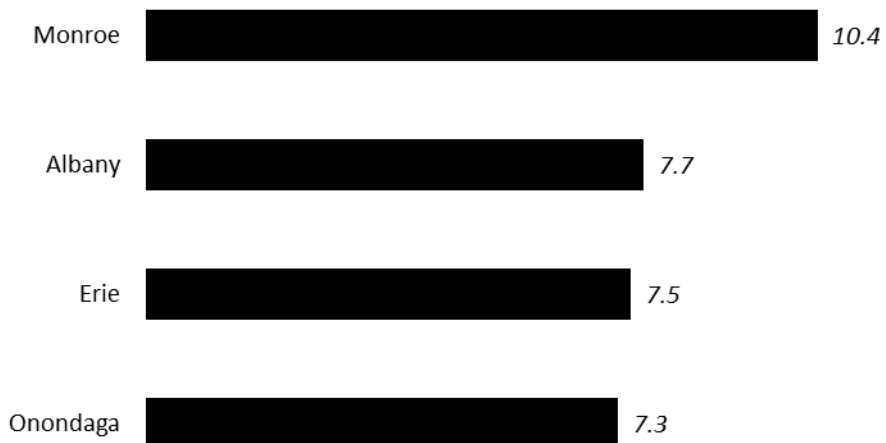
Comment: Raw data not available.

Newly Diagnosed HIV Cases 2008-10	
Location	Rate per 100,000
Albany County	12.2
Erie County	10.4
Monroe County	11.5
Onondaga County	8.5



7. 7.3 cases of 100,000 were newly diagnosed in Onondaga County, 2007-09.

AIDS Cases Per 100,000 Population  
2007-09



Source: 2007-2009 Bureau of HIV/AIDS Epidemiology Data  
<http://www.health.ny.gov/statistics/chac/general/aids.htm>

AIDS Cases 2007-09			
Location	Rate per 100,000	Total Cases (Raw)	Total County Population
Albany County	7.7	69	298,130
Erie County	7.5	204	909,845
Monroe County	10.4	228	732,762
Onondaga County	7.3	99	452,633

	Total Cases (Raw)
Mean	150
Median	152

8. Men in Onondaga County face the highest leukemia rate at 24 per 100,000.

Leukemia Incidence Rates Among  
Males per 100,000  
2005-09



Source: New York State Cancer Registry, 2005-09.

<http://www.health.ny.gov/statistics/cancer/registry/cntymaps/cntymaps.pdf>

Comment: Raw data not available.

Leukemia Incidence Rates Among Males 2005-09	
Location	Rate per 100,000
Albany County	23
Erie County	21
Monroe County	19
Onondaga County	24
New York State	17.8

9. Women in Erie County face the highest leukemia incidence rate at 13 per 100,000.

Leukemia Incidence Rates Among  
Females per 100,000  
2005-09



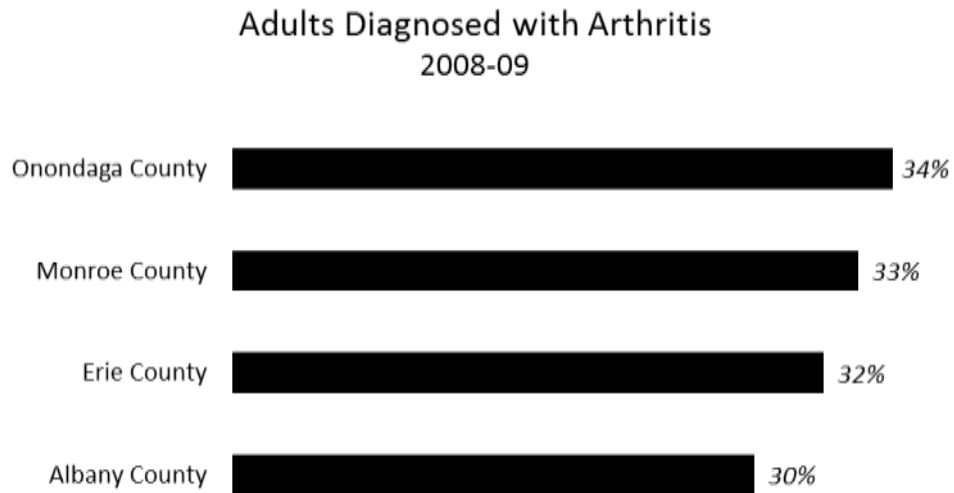
Source: New York State Cancer Registry, 2005-09.

<http://www.health.ny.gov/statistics/cancer/registry/cntymaps/cntymaps.pdf>

Comment: Raw data not available.

Leukemia Incidence Rates Among Females 2005-09	
Location	Rate per 100,000
Albany County	11
Erie County	12.5
Monroe County	12
Onondaga County	12
New York State	10.6

10. 34% of adults in Onondaga County have been diagnosed with arthritis, 2008-09.



*Source: New York State Expanded Behavioral Risk Factor Surveillance System Report, 2008-09*

Comment: Raw data not available.

Adults Diagnosed with Arthritis 2008-09	
Location	Adults Diagnosed with Arthritis
Albany County	30%
Erie County	32%
Monroe County	33%
Onondaga County	34%

11. 8.1% of adults in Onondaga County have been diagnosed with diabetes, 2008-09.

Adults Diagnosed with Diabetes  
2008-09

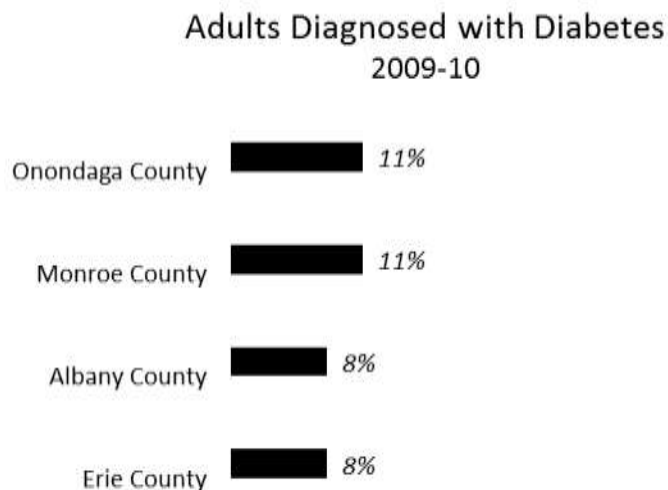


Source: New York State Expanded Behavioral Risk Factor Surveillance System Report, 2008-09

Comments: Raw data not available.

Adults Diagnosed with Diabetes, 2008-09	
Location	Adults Diagnosed with Diabetes, 2008-09
Albany County	9%
Erie County	11%
Monroe County	9%
Onondaga County	8%

12. Onondaga and Monroe counties have the highest percentage of adults diagnosed with diabetes at 11%, compared to nearby counties in 2009-10.



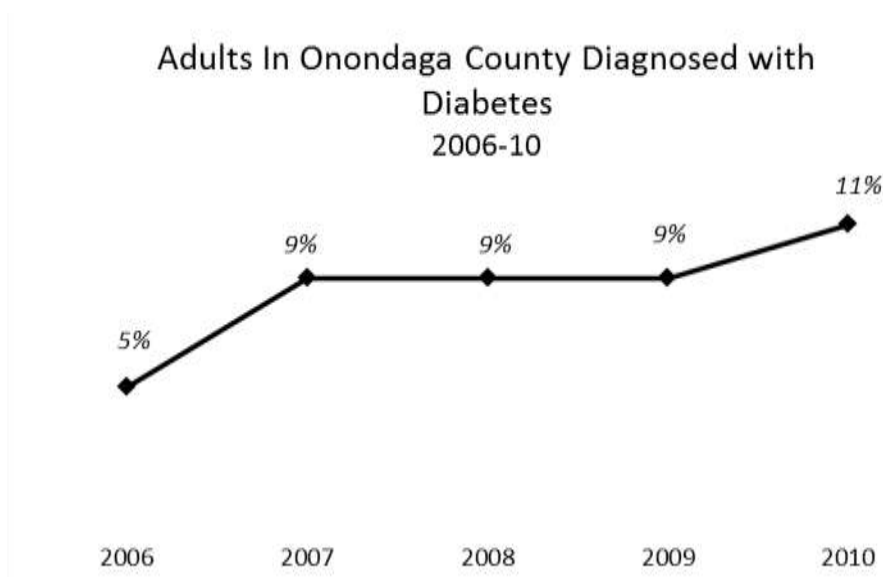
*Source: Health Indicators Warehouse, Chronic Condition Data Warehouse, Behavioral Risk Factor Surveillance System, [http://healthindicators.gov/Indicators/Diabetes-adults-percent\\_125/Profile/Data](http://healthindicators.gov/Indicators/Diabetes-adults-percent_125/Profile/Data)*

Comment:

- Raw data not available
- Diabetes is defined as having ever been told by a doctor that respondent had diabetes, excluding pre-diabetes in pregnant women.
- Adults are people ages 18 and older.

Adults Diagnosed with Diabetes, 2009-10	
Location	Adults Diagnosed with Diabetes 2009-10
Albany County	8%
Erie County	8%
Monroe County	11%
Onondaga County	11%

13. Adults diagnosed with diabetes in Onondaga County have risen 6% from 2006 to 2010.



Source: Health Indicators Warehouse, Chronic Condition Data Warehouse, Behavioral Risk Factor Surveillance System [http://healthindicators.gov/Indicators/Diabetes-adults-percent\\_125/Profile/Data](http://healthindicators.gov/Indicators/Diabetes-adults-percent_125/Profile/Data)

Comment:

- Raw data not available
- Diabetes is defined as having ever been told by a doctor that respondent had diabetes, excluding pre-diabetes.

Adults in Onondaga County Diagnosed with Diabetes, 2006-10	
Year	Adults Diagnosed with Diabetes 2006-10
2006	5%
2007	9%
2008	9%
2009	9%
2010	11%

14. Black children in Onondaga County face the highest asthma hospitalizations rates at 19.5 per 10,000.

Child Asthma Hospitalizations by race in Onondaga County per 10,000 2008-10



Source: Statewide Planning and Research Cooperative System (SPARCS) 2008-10  
<http://www.health.ny.gov/statistics/community/minority/county/onondaga.htm>

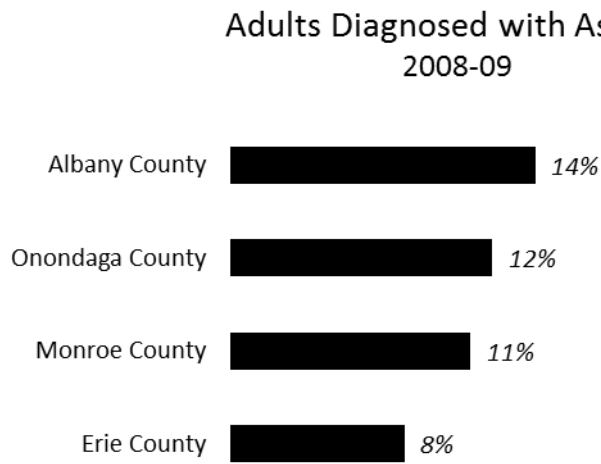
Comments:

- Asian was excluded from the chart because the rate is so low it appears as zero.
- “Other” category not provided.
- Hispanics are not excluded from the Black and Asian categories.
- Raw data not available.

Child Asthma Hospitalizations by race in Onondaga County per 10,000 2008-09		
Race	Onondaga County	New York State
Asian	0	8
Black	19.5	31.5
Hispanic	10.7	20.7
White	7	10.9



15. Onondaga County has the second highest percentage of adults diagnosed with asthma at 12%.

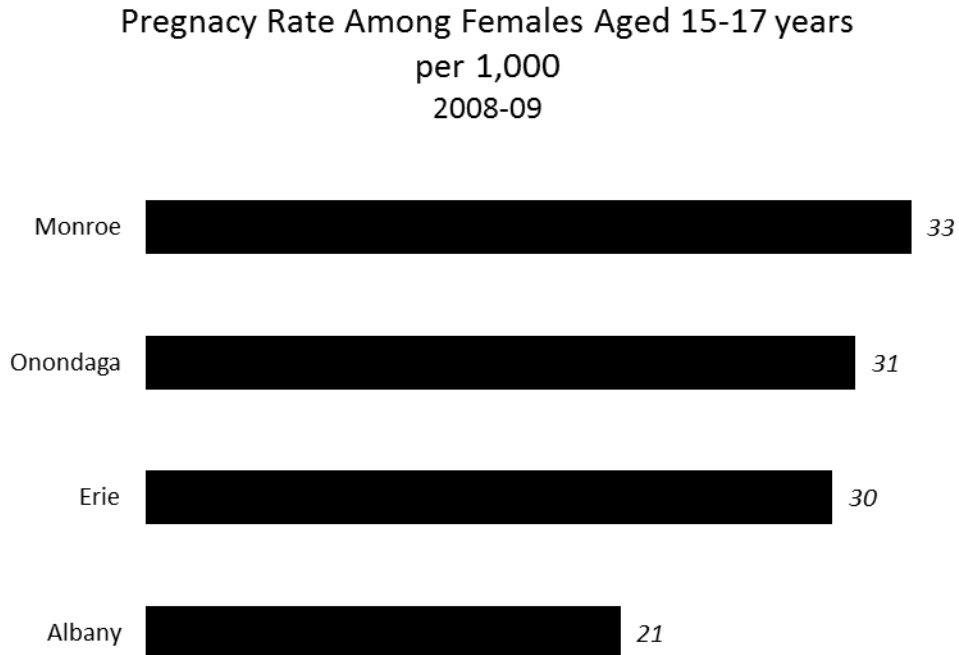


*Source: Center for Disease Control, Behavioral Risk Factor Surveillance System, 2002-2010*

Comment: Raw data not available

Adults Diagnosed with Asthma 2008-09	
Location	Adults with Asthma
Albany County	14%
Erie County	8%
Monroe County	11%
Onondaga County	12%

16. 31 out of every 1,000 females in Onondaga County ages 15-17 are pregnant.



*Source: NYS Department of Health - Vital Statistics, NYS Community Health Data Set  
<http://www.health.ny.gov/statistics/chac/birth/tp1517.htm>*

Comment: Raw data not available.

Pregnancy Rate Among Females Aged 15-17 years per 1,000, 2008-09	
Location	Rate per 1,000
Albany County	21
Erie County	30
Monroe County	33
Onondaga County	31

17. 46% of births in Onondaga County are born out of wedlock.

Out-of-Wedlock-Percent of Live Births  
2007-09



Source: 2007-2009 Vital Statistics Data

<http://www.health.ny.gov/statistics/chac/birth/outwed.htm>

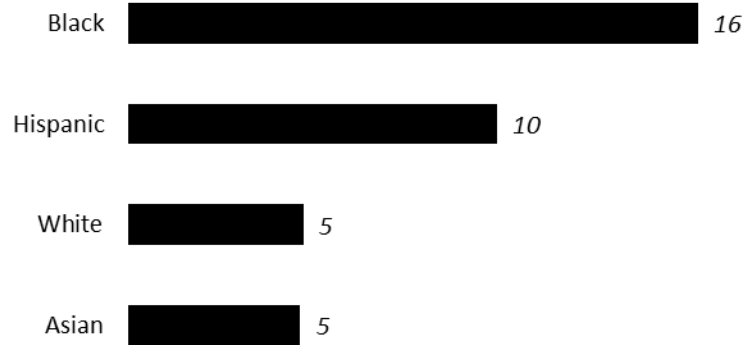
Comment: Out of wedlock is defined as a birth outside of marriage.

Out-of-Wedlock-Percent of Live Births, 2007-09			
County	Percentage	Total Out-of-Wedlock Births 2007-09	Total Births 2007-2009
Albany	42%	3,964	9,514
Erie	44%	12,958	29,454
Monroe	43%	11,267	25,945
Onondaga	46%	7,618	16,543

	Total Out-of-Wedlock Births	Total Births
Mean	8,952	20,364
Median	9,443	21,244

18. Blacks in Onondaga County face the highest infant mortality rates at 15.6 per 1,000 births.

Infant Mortality Rates by Race per 1,000 in  
Onondaga County  
2008-10



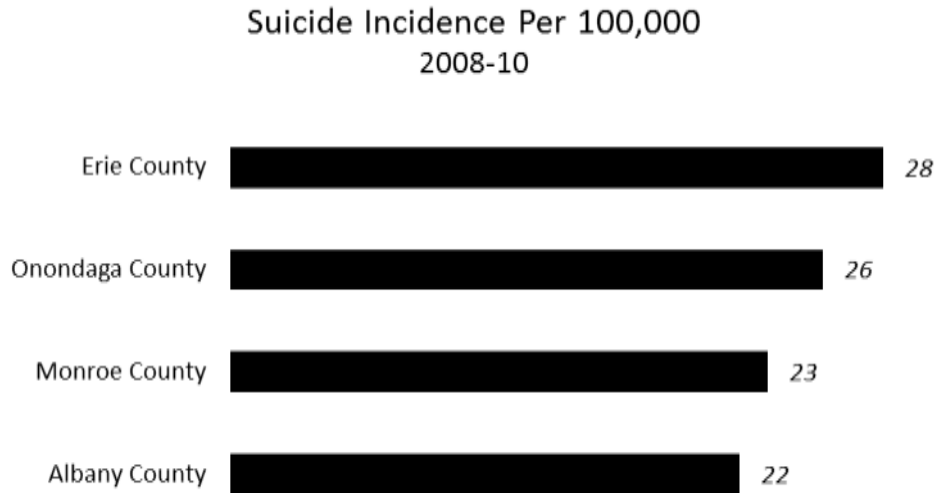
Source: *Onondaga County Health Indicators by Race/Ethnicity, 2008-10*  
<http://www.health.ny.gov/statistics/community/minority/county/onondaga.htm#few>

Comment:

- Hispanics are not excluded from the Black and Asian categories.
- Raw data not available.

Infant Mortality Rates by Race per 1,000 in Onondaga County 2008-10		
Race	Onondaga County	New York State
Asian	4.7	2.3
Black	15.6	11
Hispanic	10.1	4.6
White	4.8	4.1

19. Onondaga County had the second highest incidence of suicides per 100,000 from 2008-2010 at 26.

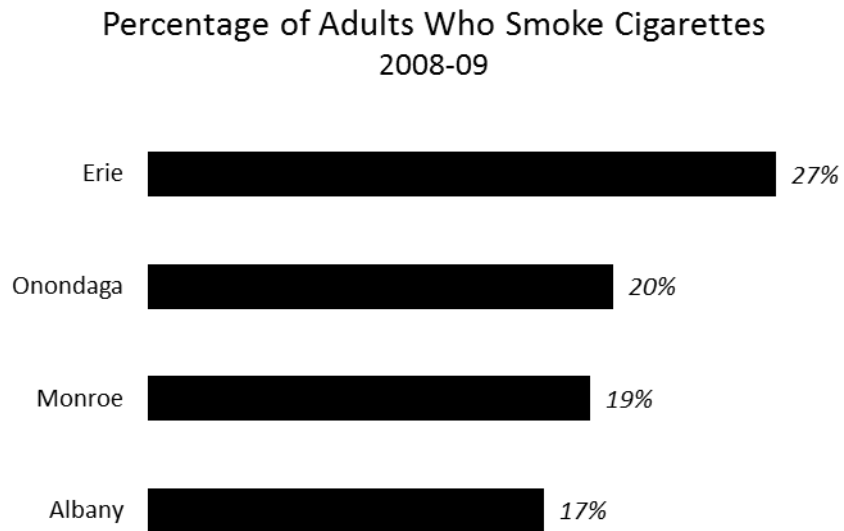


*Source: New York State Department of Health Community Health Indicators Report  
[http://www.health.ny.gov/prevention/prevention\\_agenda/2013-2017/indicators/2013/p65.htm](http://www.health.ny.gov/prevention/prevention_agenda/2013-2017/indicators/2013/p65.htm)*

Comment: While Erie County had the highest number of suicides, it also has the largest population out of the evaluated counties.

<b>Suicide Incidence Per 100,000 2008-10</b>	
Location	Number of Suicides from 2008-2010
Albany County	66
Erie County	257
Monroe County	171
Onondaga County	117

20. 20% of adults in Onondaga County smoke cigarettes.

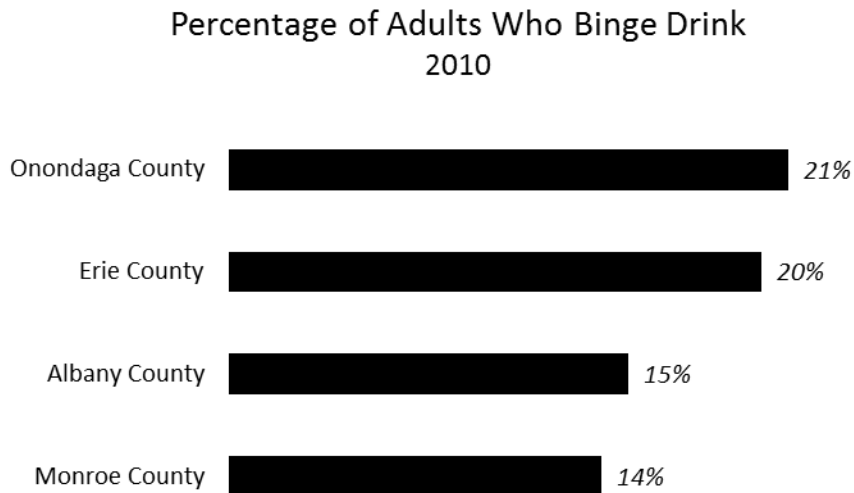


*Source: 2008-2009 NYS Expanded Behavioral Risk Factor Surveillance System Data  
<http://www.health.ny.gov/statistics/chac/general/g108.htm>*

Comment: Raw data not available.

Percentage of Adults Who Smoke Cigarettes, 2008-09	
Location	Adults Who Smoke Cigarettes
Albany County	17%
Erie County	27%
Monroe County	19%
Onondaga County	20%

21. 21% of Onondaga County reports binge drinking at least once.



*Source: Health Indicators Warehouse, Behavioral Risk Factor Surveillance System  
[http://healthindicators.gov/Indicators/Binge-drinking-adults-percent\\_17/Profile/Data](http://healthindicators.gov/Indicators/Binge-drinking-adults-percent_17/Profile/Data)*

Comment:

- Respondents include underage alcohol consumers who had more than five drinks on one or more occasions during the previous 30 days, ages 18 and up.
- Raw data not available

Percentage of Adults Who Binge Drink 2010	
Location	Binge Drinkers
Albany County	15%
Erie County	20%
Monroe County	14%
Onondaga County	21%

22. 47% of people under the age of 18 in Syracuse receive public assistance.

Population Under 18 Receiving Public Assistance  
2006-10



Source: U.S. Census Bureau, 2006-2010 American Community Survey, 5-year estimates  
<http://www.data.gov/education/datasets/2006-2010-american-community-survey-5-year-estimates-summary-file-1>

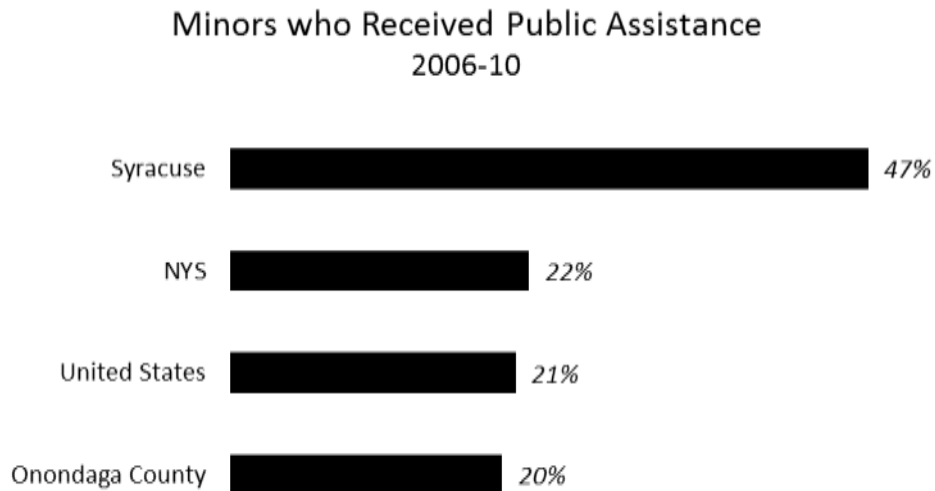
Comments:

- Raw data not available
- Data must be downloaded from source

Population Under 18 Receiving Public Assistance 2006-10	
Location	Percentages
Albany	35%
Buffalo	51%
Rochester	54%
Syracuse	47%



23. Syracuse, New York has a higher percentage of minors receiving public assistance than New York State and the surrounding Onondaga County.



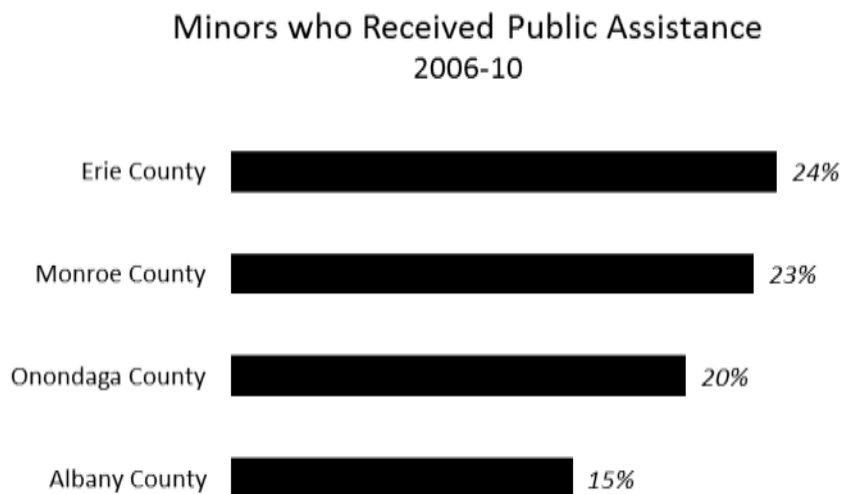
Source: U.S. Census Bureau, 2006-2010 American Community Survey, 5-year Estimates  
<http://www.data.gov/education/datasets/2006-2010-american-community-survey-5-year-estimates-summary-file-1>

Comment:

- Raw data not available
- Data includes minors supplemented with SSI, cash public assistance income, or Food Stamps/SNAP.
- Data must be downloaded from source

Minors who Received Public Assistance, 2006-10	
Location	Minors Receiving Public Assistance
New York State	22%
Onondaga County	20%
Syracuse	47%
United States	21%

24. Onondaga County has the second lowest percentage of minors receiving public assistance at 24%.



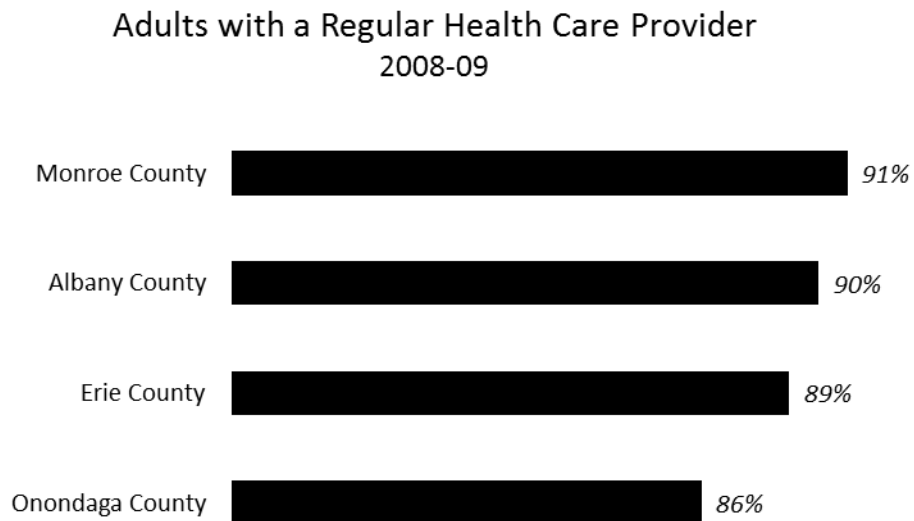
*Source: U.S. Census Bureau, 2006-2010 American Community Survey, 5-year Estimates  
<http://www.data.gov/education/datasets/2006-2010-american-community-survey-5-year-estimates-summary-file-1>*

Comment:

- Raw data not available
- Data includes minors supplemented with SSI, cash public assistance income, or Food Stamps/SNAP
- Data must be downloaded from source

Minors who Received Public Assistance 2006-10	
Location	Minors Receiving Public Assistance
Albany County	15%
Erie County	24%
Monroe County	23%
Onondaga County	20%

25. 86% of adults in Onondaga County have a regular health care provider.



*Source: New York State Expanded Behavioral Risk Factor Surveillance System Report, 2008-09*  
<http://www.health.ny.gov/statistics/chac/general/g105.htm>

Comments: Raw data not available.

Adults with a Regular Health Care Provider, 2008-09	
Location	Adults with Regular Health Care Providers
Albany County	90%
Erie County	89%
Monroe County	91%
Onondaga County	86%