# eBRFSS 2013-2014 Health Indicators: Niagara

General Description	
Improve Health Status and Reduce Health Disparities	
Percentage of adults who did not receive medical care because of cost	3
Percentage of adults who have a regular health care provider	4
Percentage of adults who had a dentist visit within the past year	5
Percentage of adults living with a disability	6
Percentage of adults aged 18-64 years with healthcare coverage	7
Percentage of adults aged 18-64 years who saw a doctor for a routine checkup within the last year	8
Percentage of adults experiencing housing insecurity in the past 12 months	9
Percentage of adults experiencing food insecurity in the past 12 months	
Percentage of adults with poor self-reported health	
Percentage of adults who report 14 or more days of poor physical health	
Prevent Chronic Diseases	
Percentage of adults who are obese	
Percentage of adults with an annual household income less than \$25,000 who are obese	14
Percentage of adults living with a disability who are obese	
Percentage of adults overweight or obese	
Percentage of adults who participated in leisure time physical activity in the past 30 days	
Percentage of adults who consume one or more sugary drinks daily	
Percentage of adults who consume fast-food three or more times per week	
Percentage of adults with physician diagnosed diabetes	20
Percentage of adults who are current smokers	21
Percentage of adults with annual household income less than \$25,000 who are current smokers	
Percentage of adults aged 18-24 years who are current smokers	23
Percentage of women aged 50-74 years receiving breast cancer screening based on recent guidelines	24
Percentage of women aged 50-74 years with annual household income of less than \$25,000 receiving breast cancer screer	ning based on recent
guidelines	
Percentage of women aged 21-65 years receiving cervical cancer screening based on recent guidelines	
Percentage of women aged 21-65 years with annual household income of less than \$25,000 receiving cervical cancer scree	
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Percentage of adults aged 50-75 years receiving colorectal cancer screening based on recent guidelines	
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### **General Description**

The New York State Expanded Behavioral Risk Factor Surveillance System 2013-2014 (2014 eBRFSS) was design to supplement the Center for Disease Control and Prevention (CDC) Behavioral Risk Factor Surveillance System (BRFSS), which is conducted annually in New York State. The purpose of the 2014 eBRFSS was to produce local information on key public health issues. Data for the project were collected from April 15, 2013 to May 10, 2014. The 2014 eBRFSS reached both households with landline telephones and households which only had cell phones. Like the annual BRFSS, New York State's 2014 eBRFSS was designed to be representative of the non-institutionalized adult household population, aged 18 years and older.

### **Reported Health Indicators**

There are a total of 50 health indicators included in the report. The health indicators include 10 measures included in the New York State Department of Health's Prevention Agenda, NYS Health Innovation Plan (SHIP), Delivery System Reform Incentive Payment (DSRIP) Program, or the NYS Community Health Indicator Reports (CHIRS). An additional 40 important health indicators are also included. The indicators are organized by the Priority Area of the Prevention Agenda and are reported statewide, by region, and by county.

### Data Collection Methodology, Sampling and Weighting

The data collection methods for the 2014 eBRFSS aligned with the CDC's standard annual BRFSS methods. The 2014 eBRFSS questionnaire used standard questions from the BRFSS. Survey interviews were conducted in both English and Spanish. There were 31,690 completed interviews.

The sampling plan for the eBRFSS was developed to result in valid health indicator estimates for New York City (NYC) and each of the 57 counties outside NYC. The sampling approach stratified landlines by county and implemented a disproportionate stratified sampling design that accounted for both listed-households and unlisted numbers. Cell phone households were accounted for through additional strata that covered contiguous groups of counties.

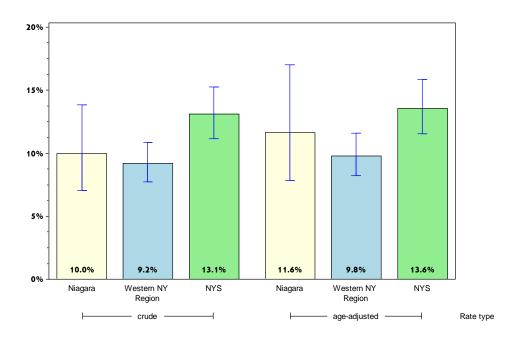
Data were weighted to represent the population using a methodology known as iterative proportional fitting (raking). Raking adjusted the data so that groups underrepresented in the sample were more accurately represented in the estimated rates. Raking also enabled surveys conducted by cell phone to be included in the weighting and to accurately match sample distributions of specified demographic characteristics of the population. The raking categories included in the eBRFSS were: age, gender, race/ethnicity, education, marital status, owner/renter status, telephone usage (i.e. landline and cell phone combinations), and county of residence.

### Limitations of Data Use:

During data analysis, criteria were applied to suppress rates based on too few surveys to be reliable and to identify rates that are highly variable. Rates in which less than 10 respondents were in the numerator or less than 50 respondents were in the denominator were considered unreliable and suppressed from reporting. Rates considered to have high variability due to having confidence limits greater than  $\pm 10\%$  are noted.

### Improve Health Status and Reduce Health Disparities

Percentage of adults who did not receive medical care because of cost\*



#### Niagara County

Western NY

	inagara county					
	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
Total	16,943	10.0	(7.1-13.8)	111,076	9.2	(7.7-10.8)
Age						
18-24		#		16,858	9.8	(4.9-18.5)
25-34		#		25,019	14.6	(9.8-21.3)
35-44		#		18,404	10.7	(7.7-14.7)
45-64	6,597	9.6	(6.5-14.2)	44,281	10.2	(8.2-12.5)
65+		#		6,309	2.5	(1.5-4.1)
Race						
White, NH	15,081	9.9	(6.8-14.1)	88,308	8.7	(7.2-10.6)
Black, NH		#		12,547	13.6	(8.4-21.3)
Hispanic		#		7,904	13.2	(7.5-22.4)
Other, NH		#		2,317	5.1	(2.5-10.1)
Sex						
male	7,117	8.7	(5.4-13.9)	54,343	9.3	(7.0-12.3)
female	9,825	11.1	(6.9-17.4)	56,733	9.1	(7.5-10.9)
Age-adjusted <sup>&amp;</sup>		11.6	(7.8-17.0)		9.8	(8.2-11.6)

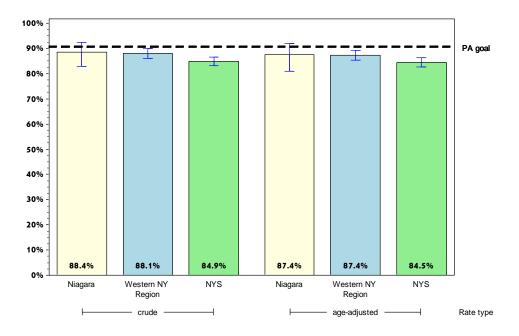
\* Among people needing to see a doctor in the past 12 months

& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

## Niagara Improve Health Status and Reduce Health Disparities

Percentage of adults who have a regular health care provider



### **Niagara County**

Western NY

	Est. # of			Est. # of		
	Adults	Percent	95% CI	Adults	Percent	95% CI
Total	150,180	88.4	(82.9-92.4)	1,066,548	88.1	(86.1-89.9)
Age						
18-24		#		127,756	74.5^	(64.0-82.7)
25-34		#		142,488	82.2	(76.7-86.6)
35-44		#		148,338	86.9	(81.1-91.1)
45-64	60,618	89.3	(81.1-94.3)	394,413	91.1	(88.5-93.1)
65+	34,792	97.7	(93.3-99.2)	240,905	96.8	(95.0-98.0)
Race						
White, NH	135,370	89.0	(82.8-93.1)	910,266	89.8	(87.7-91.6)
Black, NH		#		72,546	78.8	(69.0-86.2)
Hispanic		#		46,457	77.2^	(64.9-86.2)
Other, NH		#		37,279	83.4^	(71.6-90.9)
Sex						
male	66,030	80.8^	(70.7-88.0)	480,509	82.2	(78.5-85.4)
female	84,150	95.5	(91.5-97.7)	586,040	93.6	(91.9-95.0)
Age-adjusted <sup>&amp;</sup>		87.4	(81.0-91.9)		87.4	(85.2-89.2)

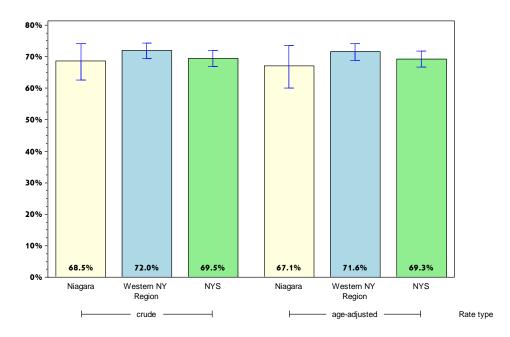
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& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

### Improve Health Status and Reduce Health Disparities

Percentage of adults who had a dentist visit within the past year



### **Niagara County**

#### Western NY

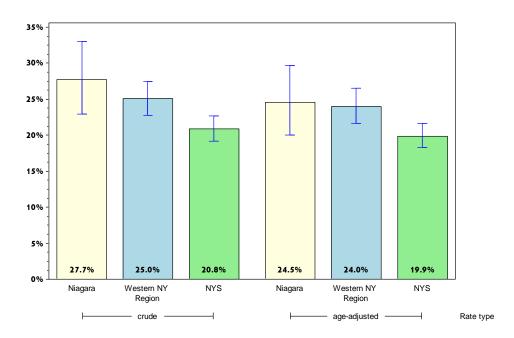
	inagara county					
	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
Total	105,361	68.5	(62.5-74.0)	815,757	72.0	(69.5-74.4)
Age						
18-24		#		111,937	72.2	(62.3-80.3)
25-34		#		104,276	65.3	(57.4-72.5)
35-44		#		116,739	73.5	(66.6-79.5)
45-64	44,062	69.8	(60.9-77.4)	302,588	73.5	(69.9-76.8)
65+	23,738	68.1^	(57.0-77.5)	169,803	72.1	(67.5-76.3)
Race						
White, NH	96,239	69.3	(63.0-75.0)	696,981	73.0	(70.4-75.5)
Black, NH		#		48,534	62.2^	(51.5-71.9)
Hispanic		#		39,253	69.8^	(56.2-80.6)
Other, NH		#		30,989	69.9^	(54.2-82.0)
Sex						
male	49,905	66.8	(57.4-75.0)	385,171	70.1	(66.0-74.0)
female	55,456	70.2	(61.9-77.4)	430,585	73.8	(70.7-76.6)
Age-adjusted <sup>&amp;</sup>		67.1	(60.0-73.5)		71.6	(68.9-74.2)

& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

## Improve Health Status and Reduce Health Disparities

Percentage of adults living with a disability\*



#### Niagara County

#### Western NY

	inagara county					
_	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
Total	46,893	27.7	(22.9-33.1)	300,934	25.0	(22.8-27.4)
Age						
18-24		#		21,109	12.4	(7.0-21.1)
25-34		#		32,454	19.0	(13.1-26.6)
35-44		#		32,720	19.3	(14.1-25.9)
45-64	24,447	36.2	(28.3-45.0)	123,509	28.7	(25.1-32.5)
65+	13,423	37.8^	(28.5-48.1)	89,167	36.1	(31.7-40.7)
Race						
White, NH	39,872	26.3	(21.4-31.8)	259,812	25.8	(23.3-28.5)
Black, NH		#		19,801	22.0	(15.4-30.5)
Hispanic		#		12,927	21.7^	(13.6-32.9)
Other, NH		#		8,395	18.7^	(10.7-30.6)
Sex						
male	23,232	28.8	(21.3-37.7)	141,203	24.3	(20.8-28.3)
female	23,661	26.7	(20.9-33.4)	159,731	25.7	(22.9-28.7)
Age-adjusted <sup>&amp;</sup>		24.5	(20.1-29.6)		24.0	(21.7-26.5)

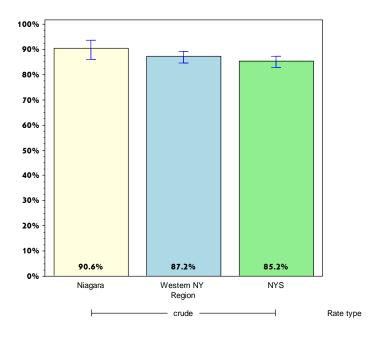
\* Limited activities (physical, mental, or emotional problems); need of special equipment (e.g. cane, wheel chair).

& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

## **Niagara** Improve Health Status and Reduce Health Disparities

Percentage of adults aged 18-64 years with healthcare coverage



	Niagara County			Western NY		
_	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
Total	119,372	90.6	(86.0-93.7)	823,035	87.2	(84.7-89.3)
Age⁺						
18-24						
25-34						
35-44						
45-64						
65+						
Race						
White, NH	107,117	91.0	(86.0-94.3)	674,524	88.0	(85.2-90.3)
Black, NH		#		68,376	82.4	(73.1-89.0)
Hispanic		#		46,078	79.4^	(66.7-88.1)
Other, NH		#		34,057	93.3	(84.4-97.3)
Sex						
male	57,211	87.6	(80.0-92.6)	400,391	84.8	(80.5-88.3)
female	62,161	93.5	(87.3-96.7)	422,644	89.6	(86.8-91.8)
Age-adjusted <sup>+,&amp;</sup>						

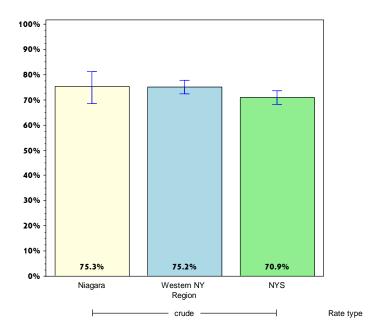
& Percent is age-adjusted to the 2000 United States Population.

+ Age-adjusted and age specific percent not generated for health indicators with age range limits.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

### Improve Health Status and Reduce Health Disparities

Percentage of adults aged 18-64 years who saw a doctor for a routine checkup within the last year



	Niagara County			Western NY		
-	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
Total	99,292	75.3	(68.3-81.2)	713,093	75.2	(72.3-77.9)
Age⁺						
18-24						
25-34						
35-44						
45-64						
65+						
Race						
White, NH	88,883	75.5	(67.9-81.7)	580,918	75.4	(72.2-78.3)
Black, NH		#		66,769	80.1^	(70.0-87.4)
Hispanic		#		43,398	75.9^	(63.1-85.3)
Other, NH		#		22,009	58.8^	(38.3-76.7)
Sex						
male	46,590	71.9^	(61.5-80.3)	332,817	70.2	(65.5-74.6)
female	52,703	78.6^	(68.5-86.1)	380,276	80.1	(76.7-83.0)
Age-adjusted <sup>+,&amp;</sup>						

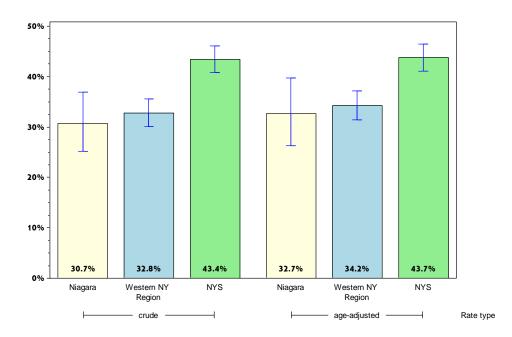
& Percent is age-adjusted to the 2000 United States Population.

+ Age-adjusted and age specific percent not generated for health indicators with age range limits.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

### Improve Health Status and Reduce Health Disparities

Percentage of adults experiencing housing insecurity in the past 12 months\*



### **Niagara County**

#### Western NY

	Est. # of			Est. # of		
	Adults	Percent	95% CI	Adults	Percent	95% CI
Total	47,923	30.7	(25.2-36.9)	362,546	32.8	(30.1-35.6)
Age						
18-24		#		41,076	29.1^	(20.6-39.4)
25-34		#		73,260	46.0	(37.8-54.5)
35-44		#		58,390	37.4	(30.9-44.4)
45-64	21,091	33.4	(25.5-42.4)	141,359	35.2	(31.1-39.4)
65+	5,550	16.5^	(9.0-28.2)	46,422	19.6	(15.9-23.9)
Race						
White, NH	40,662	28.8	(23.2-35.1)	275,138	29.5	(26.8-32.4)
Black, NH		#		44,647	53.4^	(42.9-63.5)
Hispanic		#		22,006	46.5^	(33.0-60.5)
Other, NH		#		20,755	47.6^	(30.8-64.9)
Sex						
male	20,948	28.5	(20.6-38.0)	160,510	29.9	(25.8-34.3)
female	26,975	32.7	(25.3-41.2)	202,036	35.5	(32.0-39.1)
Age-adjusted <sup>&amp;</sup>		32.7	(26.3-39.7)		34.2	(31.4-37.1)

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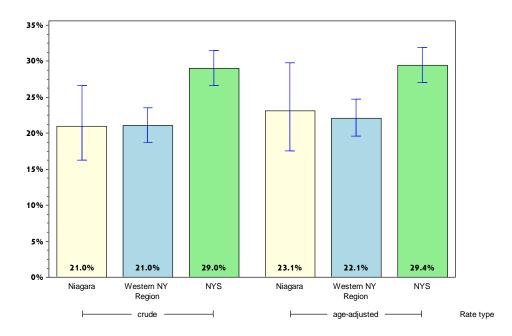
\* Worried or stressed about having enough money to pay for rent or mortgage.

& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

### Improve Health Status and Reduce Health Disparities

Percentage of adults experiencing food insecurity in the past 12 months\*



#### **Niagara County**

Western NY

	Est. # of			Est. # of		
	Adults	Percent	95% CI	Adults	Percent	95% CI
Total	34,444	21.0	(16.3-26.6)	246,116	21.0	(18.7-23.5)
Age						
18-24		#		38,217	23.4	(16.1-32.7)
25-34		#		51,496	30.6	(22.8-39.5)
35-44		#		38,805	23.7	(18.4-29.9)
45-64	13,761	21.3	(14.8-29.5)	90,979	21.7	(18.3-25.6)
65+	2,316	6.6	(3.4-12.4)	25,712	10.6	(8.0-13.9)
Race						
White, NH	28,627	19.3	(14.5-25.2)	181,689	18.5	(16.2-21.1)
Black, NH		#		29,550	34.3^	(25.4-44.3)
Hispanic		#		18,344	31.8^	(21.1-44.9)
Other, NH		#		16,533	36.8^	(21.0-55.9)
Sex						
male	12,150	15.7	(10.4-22.9)	113,695	20.0	(16.3-24.2)
female	22,295	25.7	(18.7-34.3)	132,421	22.0	(19.4-24.9)
Age-adjusted <sup>&amp;</sup>		23.1	(17.5-29.8)		22.1	(19.6-24.8)

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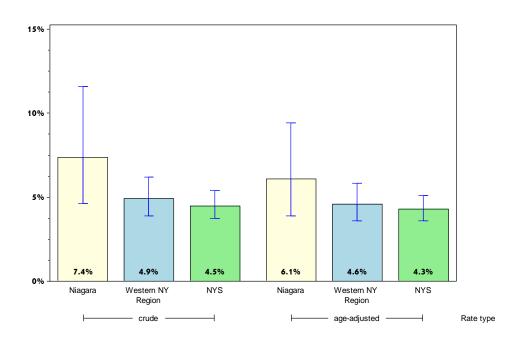
\* Worried or stressed about having enough money to buy nutritious meals.

& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

# Improve Health Status and Reduce Health Disparities

Percentage of adults with poor self-reported health



	Ni	agara Cour	nty	Western NY		
-	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
Total Age	12,435	7.4	(4.6-11.6)	59,362	4.9	(3.9-6.2)
18-24		#			#	
25-34		#			#	
35-44		#		5,973	3.5	(2.0-6.0)
45-64	8,685	12.8	(7.5-21.0)	30,602	7.1	(5.1-9.6)
65+		#		17,350	7.0	(4.8-10.2)
Race						
White, NH	9,818	6.5	(3.9-10.6)	49,277	4.9	(3.8-6.3)
Black, NH		#		5,176	5.6	(2.6-11.7)
Hispanic		#			#	
Other, NH		#			#	
Sex						
male	5,685	7.1	(3.1-15.2)	27,901	4.8	(3.3-6.9)
female	6,750	7.7	(4.5-12.8)	31,461	5.0	(3.7-6.8)

(3.9 - 9.4)

4.6

(3.6-5.8)

& Percent is age-adjusted to the 2000 United States Population.

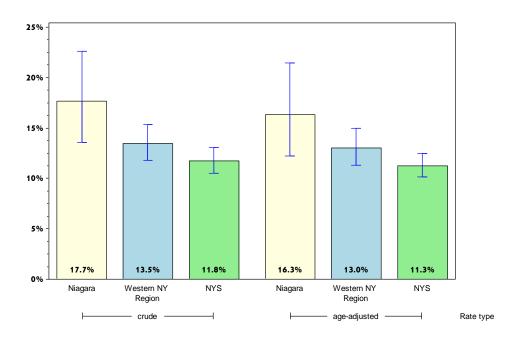
Age-adjusted<sup>&</sup>

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

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### Improve Health Status and Reduce Health Disparities

Percentage of adults who report 14 or more days of poor physical health\*



#### Niagara County

Western NY

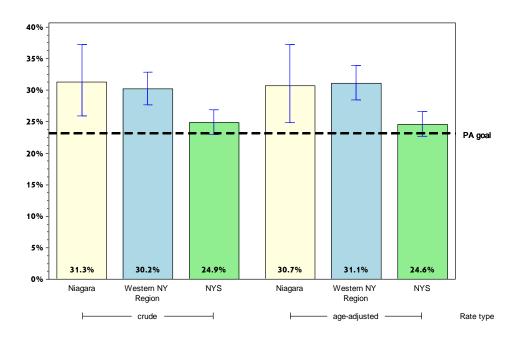
	inagara county					
_	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
Total	29,274	17.7	(13.6-22.6)	159,607	13.5	(11.8-15.3)
Age						. ,
18-24		#		9,020	5.3	(2.7-10.2)
25-34		#		13,051	7.7	(4.2-13.4)
35-44		#		21,720	12.9	(8.6-18.8)
45-64	16,427	25.2	(18.2-33.8)	75,885	17.9	(15.0-21.4)
65+	6,769	19.2	(11.4-30.6)	38,971	16.3	(12.9-20.3)
Race						
White, NH	25,251	17.0	(12.9-22.2)	131,797	13.3	(11.4-15.3)
Black, NH		#		16,150	17.8	(11.6-26.3)
Hispanic		#		5,447	9.6	(4.9-17.8)
Other, NH		#		6,214	14.1^	(7.2-25.8)
Sex						
male	14,208	18.2	(11.9-26.8)	63,069	11.0	(8.7-13.7)
female	15,066	17.2	(12.4-23.3)	96,538	15.8	(13.4-18.5)
Age-adjusted <sup>&amp;</sup>		16.3	(12.2-21.5)		13.0	(11.3-15.0)

\* Out of the past 30 days.

& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

Percentage of adults who are obese\*



### **Niagara County**

Western NY

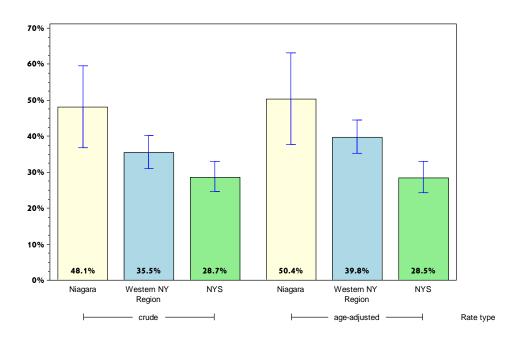
	inagara county					
	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
Total	49,645	31.3	(25.9-37.3)	344,412	30.2	(27.7-32.8)
Age						
18-24		#		28,877	17.2	(11.7-24.7)
25-34		#		46,414	28.9	(21.7-37.5)
35-44		#		61,451	38.4	(31.3-46.1)
45-64	26,494	40.6	(32.0-49.7)	146,722	36.2	(32.3-40.2)
65+	8,789	26.1	(18.6-35.3)	60,875	25.7	(21.5-30.3)
Race						
White, NH	41,783	29.4	(23.9-35.6)	272,632	28.4	(25.7-31.2)
Black, NH		#		40,228	46.7^	(36.9-56.8)
Hispanic		#		20,797	37.4^	(25.4-51.1)
Other, NH		#		10,754	28.3^	(16.6-44.0)
Sex						
male	27,033	33.5	(25.5-42.5)	178,617	31.1	(27.3-35.2)
female	22,612	29.1	(22.1-37.2)	165,795	29.2	(26.1-32.5)
Age-adjusted <sup>&amp;</sup>		30.7	(24.9-37.3)		31.1	(28.5-33.9)

\* Obesity defined as a Body Mass Index (BMI) >=30. BMI is calculated based on weight and height.

& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

Percentage of adults with an annual household income less than \$25,000 who are obese\*



#### Niagara County

Western NY

		agara cour	icy.		Western N	••
	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
Total	16,743	48.1^	(36.8-59.5)	104,583	35.5	(30.9-40.3)
Age						
18-24		#		8,384	$18.0^{\circ}$	(8.9-33.0)
25-34		#		16,598	35.7^	(24.1-49.2)
35-44		#		19,177	61.3^	(48.2-73.0)
45-64	7,129	47.7^	(30.3-65.7)	38,181	43.0	(35.8-50.5)
65+		#		22,243	27.3	(20.7-35.1)
Race						
White, NH	13,167	44.9^	(32.6-57.9)	74,570	33.0	(28.0-38.4)
Black, NH		#		15,662	38.9^	(26.9-52.4)
Hispanic		#			#	
Other, NH		#			#	
Sex						
male		#		44,600	31.5	(24.9-39.0)
female	9,468	48.5^	(34.6-62.6)	59 <i>,</i> 983	39.1	(33.3-45.2)
Age-adjusted <sup>&amp;</sup>		50.4	(37.6-63.1)		39.8	(35.2-44.6)

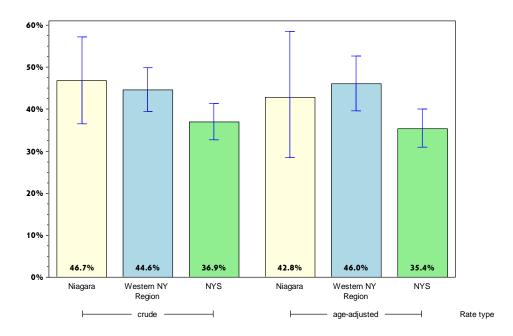
\* Obesity defined as a Body Mass Index (BMI) >=30. BMI is calculated based on weight and height.

& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

## Prevent Chronic Diseases

Percentage of adults living with a disability who are obese\*



#### Niagara County

#### Western NY

	Est. # of			Est. # of		
	Adults	Percent	95% CI	Adults	Percent	95% CI
Total	20,504	46.7^	(36.5-57.3)	128,816	44.6	(39.4-49.8)
Age						
18-24		#			#	
25-34		#		14,398	45.5^	(26.9-65.4)
35-44		#		18,864	60.6^	(43.0-75.9)
45-64	12,397	53.0^	(38.4-67.0)	59,485	50.7	(43.2-58.2)
65+	5,350	40.7	(25.7-57.6)	30,693	35.4	(28.3-43.1)
Race						
White, NH	17,132	45.8^	(35.0-57.1)	107,458	43.1	(37.5-48.8)
Black, NH		#			#	
Hispanic		#			#	
Other, NH		#			#	
Sex						
male	9,478	41.2	(26.5-57.6)	61,413	43.8	(35.7-52.3)
female	11,026	52.8^	(40.5-64.8)	67,402	45.2	(39.0-51.7)
Age-adjusted <sup>&amp;</sup>		42.8^	(28.4-58.5)		46.0	(39.6-52.6)

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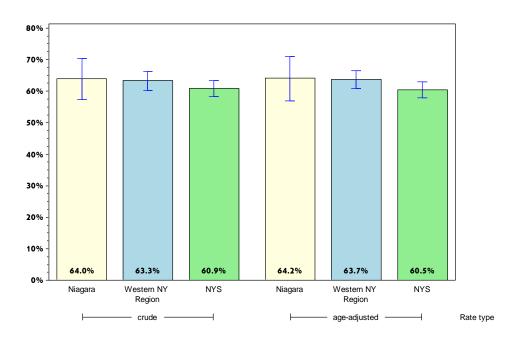
\* Obesity defined as a Body Mass Index (BMI) >=30. BMI is calculated based on weight and height. Limited activities (physical, mental, or emotional problems); need of special equipment (e.g. cane, wheel chair).

& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

### Prevent Chronic Diseases

### Percentage of adults overweight or obese\*



### **Niagara County**

#### Western NY

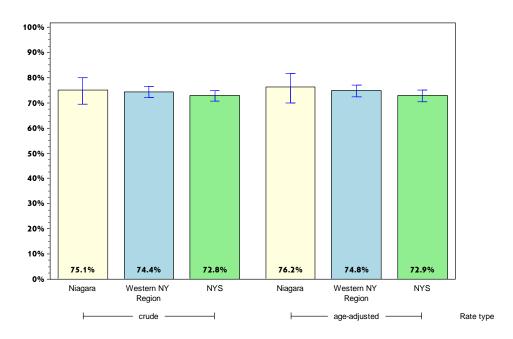
	Magara county						
	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI	
Total	101,504	64.0	(57.2-70.3)	722,740	63.3	(60.2-66.3)	
Age							
18-24		#		62,859	37.5	(28.0-48.1)	
25-34		#		99,799	62.2	(54.6-69.4)	
35-44		#		108,030	67.5	(59.7-74.4)	
45-64	46,571	71.3	(62.8-78.5)	288,771	71.2	(67.0-75.0)	
65+	21,401	63.5	(52.3-73.4)	158,839	67.0	(62.2-71.4)	
Race							
White, NH	89,843	63.2	(56.0-69.9)	598,637	62.3	(58.9-65.6)	
Black, NH		#		68,129	79.2	(70.8-85.6)	
Hispanic		#		38,608	69.4^	(53.9-81.4)	
Other, NH		#		17,366	45.8^	(31.3-61.0)	
Sex							
male	58,465	72.4	(62.6-80.5)	393,334	68.6	(63.5-73.3)	
female	43,039	55.3	(45.9-64.3)	329,405	58.1	(54.3-61.8)	
Age-adjusted <sup>&amp;</sup>		64.2	(56.9-70.9)		63.7	(60.8-66.5)	

\* Defined as a Body Mass Index (BMI) >=25. BMI is calculated based on weight and height.

& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

Percentage of adults who participated in leisure time physical activity in the past 30 days\*



### **Niagara County**

Western NY

	Est. # of			Est. # of		
	Adults	Percent	95% CI	Adults	Percent	95% CI
Total	123,837	75.1	(69.4-80.0)	877,451	74.4	(72.0-76.6)
Age						
18-24		#		133,667	80.7	(72.8-86.7)
25-34		#		131,249	77.7	(70.8-83.4)
35-44		#		125,180	75.1	(68.8-80.5)
45-64	46,984	72.6	(64.3-79.6)	307,351	72.9	(69.1-76.4)
65+	22,898	64.9^	(54.4-74.2)	171,171	70.2	(65.6-74.4)
Race						
White, NH	113,993	76.6	(70.9-81.5)	756,817	76.5	(74.1-78.7)
Black, NH		#		50,618	58.2	(48.0-67.8)
Hispanic		#		37,543	64.1^	(49.9-76.2)
Other, NH		#		32,474	72.6^	(56.3-84.5)
Sex						
male	60,886	78.6	(70.6-84.8)	439,933	77.0	(73.4-80.2)
female	62,951	72.0	(63.8-78.9)	437,519	72.0	(68.8-74.9)
Age-adjusted <sup>&amp;</sup>		76.2	(69.9-81.6)		74.8	(72.4-77.0)

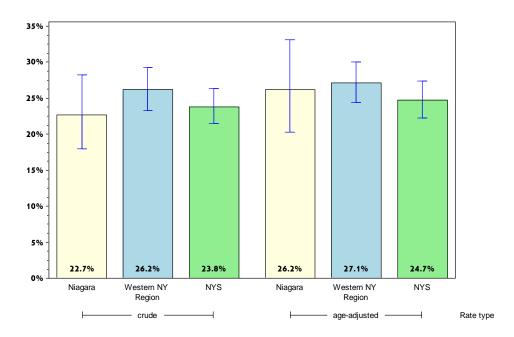
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\* Any physical activities or exercises such as running or walking

& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

## Percentage of adults who consume one or more sugary drinks daily\*



### **Niagara County**

#### Western NY

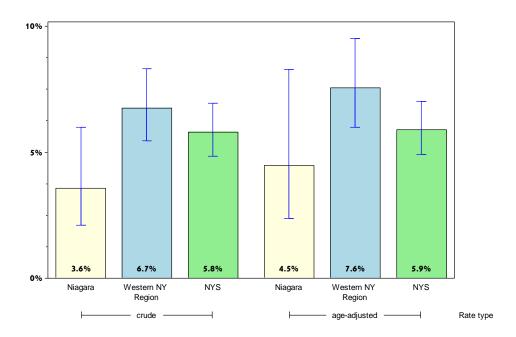
	inagara county						
	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI	
Total	35,931	22.7	(18.0-28.3)	301,463	26.2	(23.3-29.3)	
Age							
18-24		#		75,402	45.9^	(34.2-58.1)	
25-34		#		55,078	34.3	(27.2-42.1)	
35-44		#		44,593	27.4	(21.4-34.3)	
45-64	12,527	19.7	(13.5-27.9)	95,213	23.0	(19.4-27.0)	
65+	4,298	12.4	(7.3-20.2)	28,279	11.9	(9.4-15.1)	
Race							
White, NH	29,217	20.6	(15.8-26.4)	228,879	23.6	(20.6-27.0)	
Black, NH		#		38,316	47.1^	(36.9-57.6)	
Hispanic		#		23,181	39.9^	(26.4-55.1)	
Other, NH		#		11,087	25.0^	(14.1-40.4)	
Sex							
male	20,716	27.7	(20.2-36.7)	189,430	34.0	(29.1-39.3)	
female	15,215	18.2	(12.8-25.3)	112,033	18.9	(16.3-21.7)	
Age-adjusted <sup>&amp;</sup>		26.2	(20.2-33.1)		27.1	(24.3-30.0)	

\* Sugary drinks include regular soda, and sugar-sweetened drinks.

& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

### Percentage of adults who consume fast-food three or more times per week



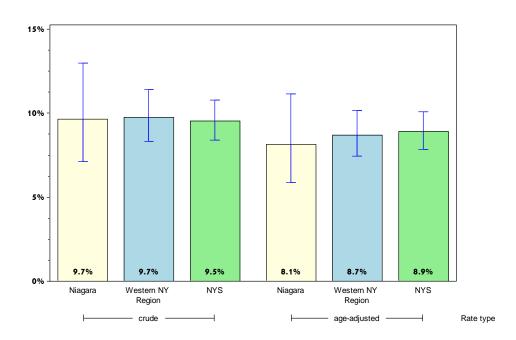
	Niagara County			Western NY		
_	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
Total	5,575	3.6	(2.1-6.0)	77,073	6.7	(5.5-8.3)
Age						
18-24		#		14,257	8.8	(5.2-14.3)
25-34		#		14,510	9.0	(5.3-14.9)
35-44		#		20,808	12.8	(8.0-19.9)
45-64		#		19,934	4.8	(3.5-6.8)
65+		#		7,263	3.1	(1.8-5.2)
Race						
White, NH	4,374	3.1	(1.7-5.6)	56,907	5.9	(4.6-7.5)
Black, NH		#		12,107	15.3	(8.8-25.1)
Hispanic		#			#	
Other, NH		#		3,483	7.9^	(2.7-21.0)
Sex						
male	3,226	4.4	(2.2-8.4)	50,457	9.2	(7.0-11.8)
female	2,349	2.9	(1.2-6.5)	26,616	4.5	(3.1-6.5)
Age-adjusted <sup>&amp;</sup>		4.5	(2.4-8.3)		7.6	(6.0-9.5)

& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

## Prevent Chronic Diseases

Percentage of adults with physician diagnosed diabetes\*



#### Niagara County

Western NY

		agara cour	ity		western	• •
	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
Total	16,402	9.7	(7.1-13.0)	118,414	9.7	(8.3-11.4)
Age	,		· · ·	,		· · · ·
18-24		#			#	
25-34		#		4,633	2.7	(1.1-6.2)
35-44		#		8,125	4.7	(2.8-7.8)
45-64	7,389	10.8	(6.8-16.7)	52,043	11.9	(9.1-15.5)
65+	6,912	19.4	(12.7-28.4)	48,493	19.5	(16.1-23.4)
Race						
White, NH	15,016	9.9	(7.1-13.5)	92,279	9.1	(7.7-10.6)
Black, NH		#		16,081	17.4	(11.2-26.0)
Hispanic		#		2,951	4.9	(2.2-10.7)
Other, NH		#		7,104	15.7^	(4.4-43.0)
Sex						
male	7,679	9.4	(5.9-14.8)	58,629	10.0	(7.8-12.8)
female	8,723	9.8	(6.6-14.5)	59,785	9.5	(7.9-11.5)
Age-adjusted <sup>&amp;</sup>		8.1	(5.9-11.1)		8.7	(7.5-10.1)

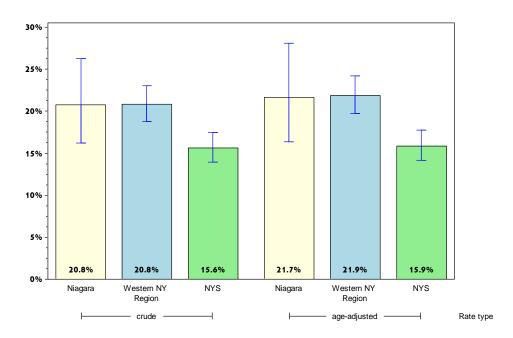
\* As diagnosed by a health professional.

& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

### Prevent Chronic Diseases

### Percentage of adults who are current smokers



#### Niagara County

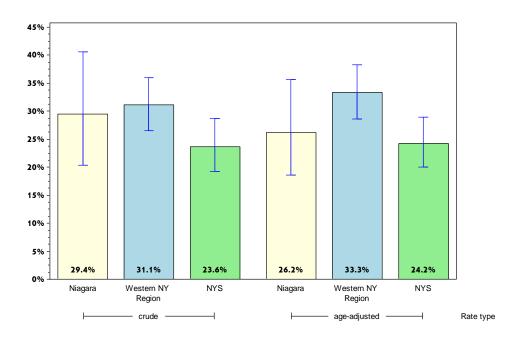
#### Western NY

	Nagara County			westernini		
	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
Total	34,404	20.8	(16.2-26.2)	247,835	20.8	(18.8-23.0)
Age						. ,
18-24		#		25,309	14.9	(9.9-21.7)
25-34		#		56,094	32.7	(25.8-40.4)
35-44		#		38,389	22.9	(18.1-28.6)
45-64	17,197	26.3	(19.2-34.8)	107,073	25.2	(21.7-29.1)
65+	2,073	5.9	(3.2-10.6)	20,570	8.4	(6.2-11.3)
Race						
White, NH	30,817	20.6	(15.8-26.5)	189,505	19.0	(16.9-21.3)
Black, NH		#		34,273	38.2^	(29.0-48.3)
Hispanic		#		18,226	31.1^	(19.3-46.1)
Other, NH		#		5,830	13.1	(7.7-21.6)
Sex						
male	17,075	21.9	(15.3-30.3)	126,440	22.0	(18.8-25.7)
female	17,328	19.8	(13.9-27.2)	121,395	19.7	(17.2-22.5)
Age-adjusted <sup>&amp;</sup>		21.7	(16.4-28.1)		21.9	(19.7-24.2)

& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

Percentage of adults with annual household income less than \$25,000 who are current smokers



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Western NY

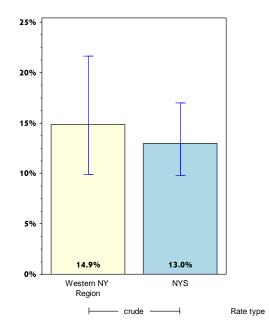
	Est. # of			Est. # of		
	Adults	Percent	95% CI	Adults	Percent	95% CI
Total	11,444	29.4^	(20.3-40.6)	97,449	31.1	(26.5-36.0)
Age						
18-24		#		11,645	24.5	(13.0-41.3)
25-34		#		24,473	45.0^	(31.7-59.0)
35-44		#		11,451	33.5^	(22.8-46.2)
45-64	7,332	51.4^	(33.4-69.1)	38,840	41.2	(33.3-49.5)
65+		#		11,011	13.4	(8.4-20.7)
Race						
White, NH	9,415	28.0^	(18.3-40.4)	67,100	28.5	(23.5-34.1)
Black, NH		#		22,273	50.8^	(37.9-63.6)
Hispanic		#			#	
Other, NH		#			#	
Sex						
male		#		49,706	34.0	(26.3-42.6)
female	5,850	24.3^	(15.1-36.7)	47,743	28.5	(23.5-34.2)
Age-adjusted <sup>&amp;</sup>		26.2	(18.6-35.6)		33.3	(28.6-38.3)

& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

## Prevent Chronic Diseases

Percentage of adults aged 18-24 years who are current smokers



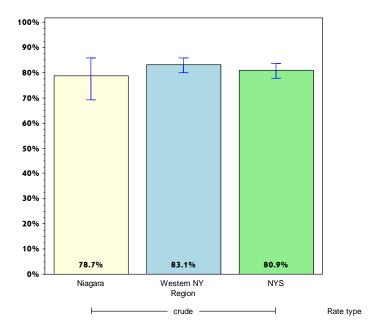
	Niagara County			Western NY		
	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
Total		#		25,309	14.9	(9.9-21.7)
Age⁺						
18-24						
25-34						
35-44						
45-64						
65+						
Race						
White, NH		#		15,004	10.9	(6.7-17.3)
Black, NH		#			#	
Hispanic		#			#	
Other, NH		#			#	
Sex						
male		#		17,008	15.9	(9.3-25.9)
female		#		8,301	13.1	(7.0-23.0)
Age-adjusted <sup>+,&amp;</sup>						

& Percent is age-adjusted to the 2000 United States Population.

+ Age-adjusted and age specific percent not generated for health indicators with age range limits.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

Percentage of women aged 50-74 years receiving breast cancer screening based on recent guidelines\*



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	Niagara County			Western NY		
_	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
<b>Total</b> <b>Age</b> <sup>+</sup> 18-24 25-34 35-44 45-64 65+	26,305	78.7	(69.2-85.9)	196,724	83.1	(80.0-85.9)
Race White, NH Black, NH Hispanic Other, NH Sex	25,456	78.2 # # #	(68.4-85.6)	183,377	83.5 # # #	(80.2-86.3)
male female Age-adjusted <sup>+,&amp;</sup>	26,305	# 78.7	(69.2-85.9)	196,724	# 83.1	(80.0-85.9)

\* Mammogram within past 2 years.

& Percent is age-adjusted to the 2000 United States Population.

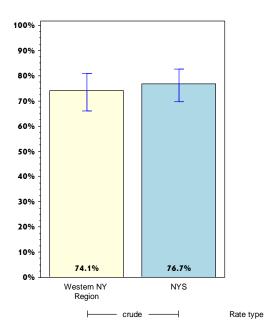
+ Age-adjusted and age specific percent not generated for health indicators with age range limits.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

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## Prevent Chronic Diseases

Percentage of women aged 50-74 years with annual household income of less than \$25,000 receiving breast cancer screening based on recent guidelines<sup>\*</sup>



	Niagara County			Western NY		
_	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
Total		#		41,732	74.1	(66.1-80.8)
Age⁺						
18-24						
25-34						
35-44						
45-64						
65+						
Race						
White, NH		#		37,146	74.6	(66.0-81.6)
Black, NH		#			#	
Hispanic		#			#	
Other, NH		#			#	
Sex						
male		#			#	
female		#		41,732	74.1	(66.1-80.8)
Age-adjusted <sup>+,&amp;</sup>						

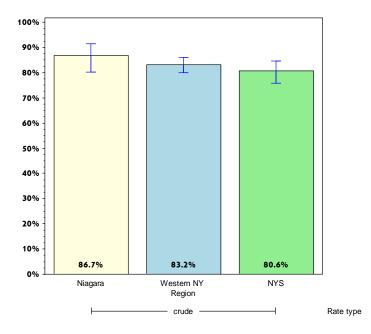
\* Mammogram within past 2 years.

& Percent is age-adjusted to the 2000 United States Population.

+ Age-adjusted and age specific percent not generated for health indicators with age range limits.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

Percentage of women aged 21-65 years receiving cervical cancer screening based on recent guidelines<sup>\*</sup>



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	Niagara County			Western NY		
	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
<b>Total</b> <b>Age</b> <sup>+</sup> 18-24 25-34 35-44 45-64 65+	54,230	86.7	(80.2-91.3)	360,599	83.2	(79.9-86.0)
Race White, NH Black, NH Hispanic Other, NH Sex male	50,741	86.7 # # #	(79.8-91.5)	310,981 23,632	84.5 75.8 <sup>^</sup> # #	(81.0-87.4) (58.9-87.3)
female Age-adjusted <sup>+,&amp;</sup>	54,230	86.7	(80.2-91.3)	360,599	83.2	(79.9-86.0)

\* Pap test within past 3 years.

& Percent is age-adjusted to the 2000 United States Population.

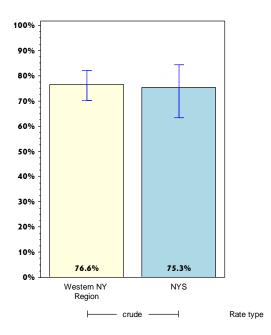
+ Age-adjusted and age specific percent not generated for health indicators with age range limits.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

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## Prevent Chronic Diseases

Percentage of women aged 21-65 years with annual household income of less than \$25,000 receiving cervical cancer screening based on recent guidelines<sup>\*</sup>



	Niagara County			Western NY			
_	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI	
Total		#		80,264	76.6	(70.1-82.1)	
Age⁺							
18-24							
25-34							
35-44							
45-64							
65+							
Race							
White, NH		#		58,042	76.8	(69.5-82.8)	
Black, NH		#			#		
Hispanic		#			#		
Other, NH		#			#		
Sex							
male		#			#		
female		#		80,264	76.6	(70.1-82.1)	
Age-adjusted <sup>+,&amp;</sup>							

\* Pap test within past 3 years.

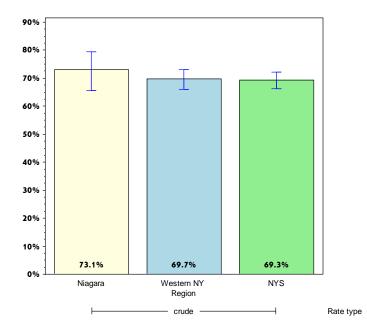
& Percent is age-adjusted to the 2000 United States Population.

+ Age-adjusted and age specific percent not generated for health indicators with age range limits.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

### Prevent Chronic Diseases

Percentage of adults aged 50-75 years receiving colorectal cancer screening based on recent guidelines<sup>\*</sup>



	Niagara County			Western NY		
-	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
<b>Total</b> <b>Age</b> <sup>+</sup> 18-24 25-34 35-44 45-64 65+ <b>Race</b>	49,459	73.1	(65.6-79.5)	314,570	69.7	(66.0-73.1)
White, NH Black, NH Hispanic Other, NH <b>Sex</b> male female	46,165 23,450 26,009	72.0 # # # 70.1 <sup>^</sup> 76.0	(64.2-78.7) (58.1-79.9) (66.2-83.6)	284,419 21,964 143,396 171,173	70.9 75.7 <sup>^</sup> # # 67.7 71.4	(67.3-74.2) (60.5-86.3) (61.6-73.3) (67.0-75.5)
Age-adjusted <sup>+,&amp;</sup>						

\* Blood stool test within 1 year, or sigmoidoscopy within 5 years with blood stool test within 3 years, or colonoscopy within 10 years.

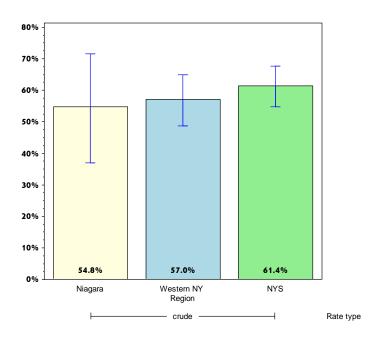
& Percent is age-adjusted to the 2000 United States Population.

+ Age-adjusted and age specific percent not generated for health indicators with age range limits.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

### **Prevent Chronic Diseases**

Percentage of adults aged 50-75 years with annual household income less than \$25,000 receiving colorectal cancer screening based on recent guidelines\*



	Niagara County			Western NY		
_	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
Total	7,062	54.8^	(36.9-71.5)	64,446	57.0	(48.7-65.0)
Age⁺						
18-24						
25-34						
35-44						
45-64						
65+						
Race						
White, NH	6,182	52.7^	(34.0-70.7)	56,021	60.7	(52.9-68.1)
Black, NH		#			#	
Hispanic		#			#	
Other, NH		#			#	
Sex						
male		#		26,654	48.3^	(35.9-60.9)
female		#		37,792	65.3	(55.7-73.9)
Age-adjusted <sup>+,&amp;</sup>						

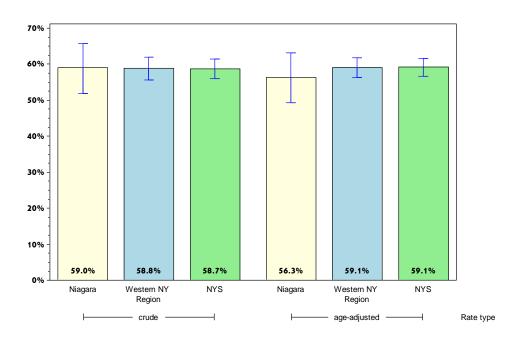
\* Blood stool test within 1 year, or sigmoidoscopy within 5 years with blood stool test within 3 years, or colonoscopy within 10 years.

& Percent is age-adjusted to the 2000 United States Population.

+ Age-adjusted and age specific percent not generated for health indicators with age range limits.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

Percentage of adults who had a test for high blood sugar or diabetes within the past three years



### **Niagara County**

#### Western NY

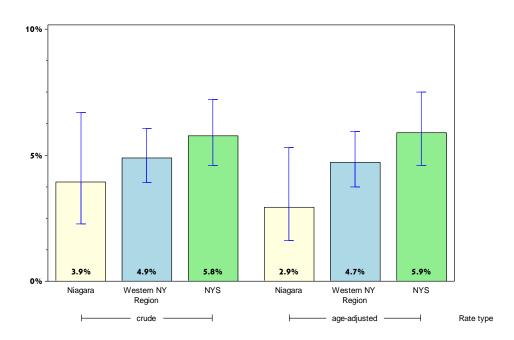
	Est. # of			Est. # of		
r	Adults	Percent	95% CI	Adults	Percent	95% CI
Total	86,434	59.0	(51.8-65.8)	618,738	58.8	(55.6-61.9)
Age						
18-24		#		34,559	21.4	(15.2-29.4)
25-34		#		90,941	55.9	(48.1-63.4)
35-44		#		93,243	59.7	(52.1-66.9)
45-64	39,795	69.4	(60.0-77.4)	252,542	68.7	(64.6-72.6)
65+	21,035	79.1	(69.5-86.3)	141,522	73.1	(67.7-77.9)
Race						
White, NH	78,947	60.5	(52.6-67.8)	522,976	59.1	(55.6-62.5)
Black, NH		#		45,591	61.3^	(50.4-71.1)
Hispanic		#		33,895	59.7^	(45.7-72.3)
Other, NH		#		16,276	44.7^	(29.5-61.0)
Sex						
male	39,758	56.9^	(46.2-67.0)	286,050	56.8	(51.6-61.9)
female	46,676	60.9	(51.5-69.5)	332,688	60.6	(56.8-64.2)
Age-adjusted <sup>&amp;</sup>		56.3	(49.3-63.1)		59.1	(56.3-61.8)

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& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

Percentage of adults with physician-diagnosed prediabetes



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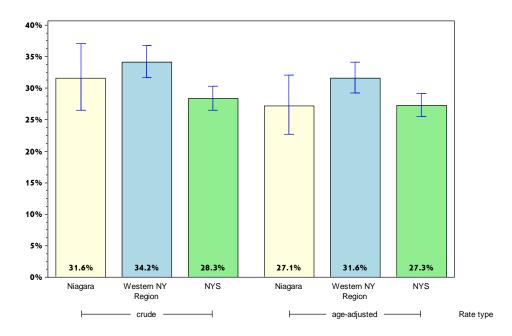
	Est. # of			Est. # of		
	Adults	Percent	95% CI	Adults	Percent	95% CI
Total	5,935	3.9	(2.3-6.7)	52,627	4.9	(3.9-6.1)
Age						
18-24		#			#	
25-34		#		7,276	4.3	(1.8-10.2)
35-44		#		5,652	3.5	(1.9-6.2)
45-64	3,217	5.5	(2.6-11.2)	19,280	5.1	(3.8-6.9)
65+		#		15,987	8.3	(5.9-11.4)
Race						
White, NH	5,784	4.3	(2.5-7.4)	46,288	5.1	(4.0-6.4)
Black, NH		#			#	
Hispanic		#			#	
Other, NH		#			#	
Sex						
male		#		25,178	4.9	(3.3-7.0)
female	3,879	4.9	(2.6-9.1)	27,449	4.9	(3.8-6.2)
Age-adjusted <sup>&amp;</sup>		2.9	(1.6-5.3)		4.7	(3.7-5.9)

& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

## Prevent Chronic Diseases

### Percentage of adults with physician-diagnosed high blood pressure



### Niagara County

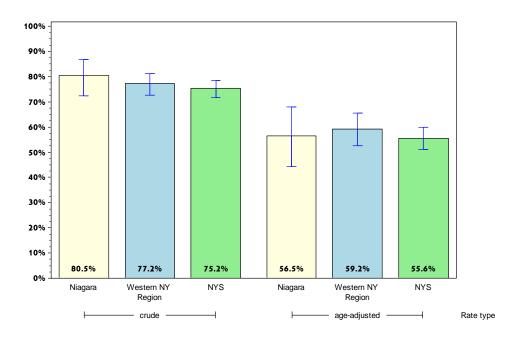
#### Western NY

	Niagara County			westernivi		
	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
Total	53,239	31.6	(26.5-37.1)	413,880	34.2	(31.6-36.8)
Age						
18-24		#		10,701	6.2	(3.5-10.8)
25-34		#		33,277	19.3	(13.5-26.8)
35-44		#		36,099	21.0	(15.2-28.3)
45-64	25,854	37.8	(29.8-46.4)	174,646	40.1	(36.0-44.3)
65+	19,445	54.9^	(44.6-64.8)	155,613	62.7	(57.8-67.3)
Race						
White, NH	46,389	30.7	(25.4-36.5)	341,756	33.7	(31.1-36.5)
Black, NH		#		42,050	45.2	(35.9-54.8)
Hispanic		#		19,496	32.4^	(19.3-49.0)
Other, NH		#		10,578	23.4^	(10.1-45.3)
Sex						
male	28,151	34.8	(27.0-43.6)	209,209	35.8	(31.7-40.1)
female	25,088	28.6	(22.5-35.5)	204,672	32.6	(29.7-35.8)
Age-adjusted <sup>&amp;</sup>		27.1	(22.7-32.1)		31.6	(29.2-34.1)

& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

Percentage of adults with diagnosed high blood pressure taking high blood pressure medication



#### **Niagara County**

Western NY

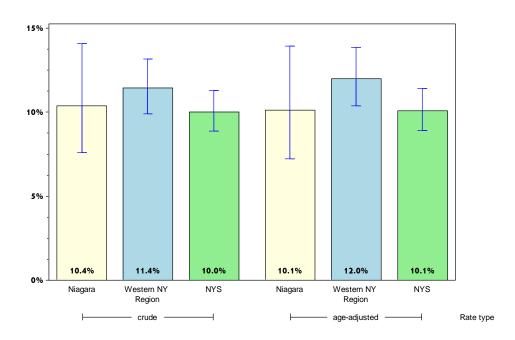
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	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
Total	42,617	80.5	(72.3-86.8)	319,214	77.2	(72.7-81.2)
Age						
18-24		#			#	
25-34		#		10,589	31.8^	(15.4-54.5)
35-44		#		15,924	44.1^	(28.5-60.9)
45-64	23,342	90.3	(80.7-95.4)	140,590	80.5	(73.1-86.3)
65+	17,011	88.9	(79.2-94.4)	146,293	94.3	(90.8-96.5)
Race						
White, NH	37,313	81.0	(71.9-87.6)	275,448	80.7	(76.9-84.0)
Black, NH		#		33,258	79.1^	(66.1-88.0)
Hispanic		#			#	
Other, NH		#			#	
Sex						
male	20,465	73.5^	(59.7-83.8)	148,316	71.0	(63.6-77.5)
female	22,151	88.3	(80.2-93.3)	170,898	83.6	(78.7-87.5)
Age-adjusted <sup>&amp;</sup>		56.5	(44.4-67.9)		59.2	(52.6-65.6)

& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

### Prevent Chronic Diseases

Percentage of adults with current asthma\*



### **Niagara County**

Western NY

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	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
Total	17,628	10.4	(7.6-14.1)	138,193	11.4	(9.9-13.2)
Age	-					. ,
18-24		#		12,912	7.6	(4.8-12.0)
25-34		#		22,985	13.3	(9.1-18.9)
35-44		#		26,223	15.3	(11.2-20.6)
45-64	8,223	12.0	(7.7-18.4)	55,491	12.8	(10.1-16.1)
65+	2,924	8.2	(4.6-14.4)	20,540	8.3	(6.2-11.0)
Race						
White, NH	15,191	10.0	(7.0-13.9)	109,339	10.8	(9.2-12.6)
Black, NH		#		12,253	13.5	(8.2-21.4)
Hispanic		#		10,362	17.4^	(10.0-28.4)
Other, NH		#		6,238	13.8^	(6.7-26.3)
Sex						
male	6,026	7.4	(4.2-12.9)	46,098	7.9	(6.1-10.2)
female	11,602	13.1	(9.0-18.7)	92,095	14.7	(12.5-17.3)
Age-adjusted <sup>&amp;</sup>		10.1	(7.2-13.9)		12.0	(10.4-13.9)

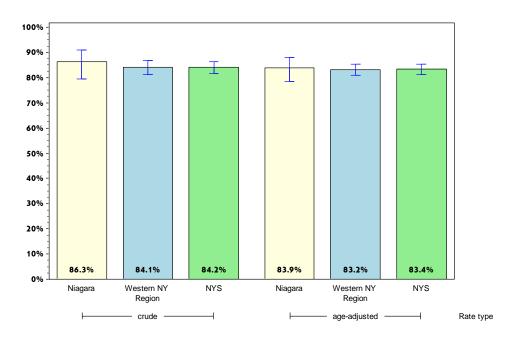
\* Physician diagnosed asthma.

& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

### Prevent Chronic Diseases

### Percent of adults with cholesterol checked\*



### **Niagara County**

#### Western NY

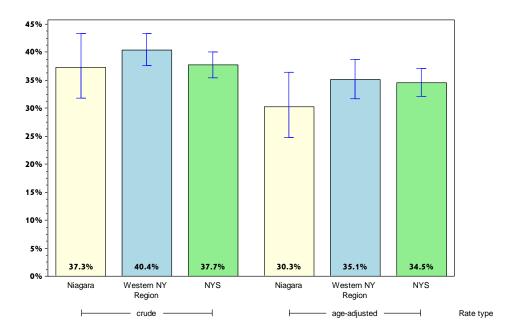
	Nagara County					
	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
Total	141,543	86.3	(79.5-91.1)	996,592	84.1	(81.1-86.7)
Age	-			-		
18-24		#		69,246	41.9^	(31.4-53.3)
25-34		#		120,610	73.5	(66.5-79.4)
35-44		#		147,897	89.7	(84.5-93.4)
45-64	64,452	94.5	(88.5-97.4)	403,910	93.3	(90.2-95.4)
65+	34,527	99.5	(96.7-99.9)	242,950	98.7	(97.6-99.3)
Race						
White, NH	127,239	86.9	(79.3-92.0)	848,158	85.5	(82.2-88.4)
Black, NH		#		71,883	78.5	(69.1-85.5)
Hispanic		#		47,340	79.8^	(68.7-87.7)
Other, NH		#		29,211	68.2^	(46.7-84.0)
Sex						
male	66,921	86.6	(76.8-92.7)	465,998	81.5	(76.1-86.0)
female	74,623	86.0^	(75.5-92.4)	530,594	86.4	(83.6-88.9)
Age-adjusted <sup>&amp;</sup>		83.9	(78.5-88.1)		83.2	(80.9-85.3)

\* As diagnosed by a health professional.

& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

Percentage of adults 18 years and older with elevated cholesterol\*



### **Niagara County**

Western NY

	Est. # of			Est. # of		
	Adults	Percent	95% CI	Adults	Percent	95% CI
Total	52,484	37.3	(31.8-43.3)	398,531	40.4	(37.6-43.3)
Age						
18-24		#		13,007	19.2	(8.0-39.4)
25-34		#		21,955	18.3^	(10.3-30.3)
35-44		#		39,377	27.2	(20.2-35.4)
45-64	27,608	43.1	(34.5-52.1)	185,641	46.1	(41.9-50.4)
65+	17,270	50.9^	(40.7-61.1)	133,691	55.9	(50.9-60.8)
Race						
White, NH	49,649	39.3	(33.3-45.7)	351,251	41.7	(38.7-44.9)
Black, NH		#		24,985	36.0^	(26.3-47.0)
Hispanic		#		12,979	27.4^	(15.9-43.0)
Other, NH		#		9,315	34.2	(19.8-52.1)
Sex						
male	25,993	39.0	(30.5-48.2)	196,109	42.4	(38.0-47.0)
female	26,491	35.9	(28.7-43.8)	202,422	38.6	(35.1-42.3)
Age-adjusted <sup>&amp;</sup>		30.3	(24.8-36.4)		35.1	(31.6-38.7)

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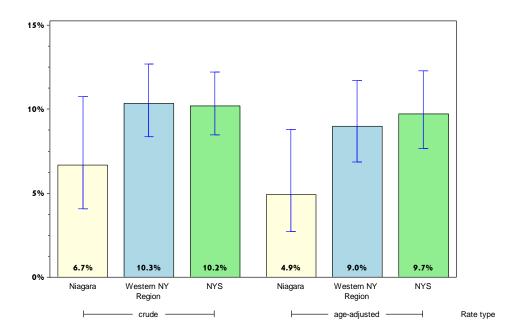
\* As diagnosed by a health professional.

& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

## **Niagara** Prevent Chronic Diseases

Percentage of adults who have taken a course or class to learn how to manage their chronic disease or condition<sup>\*</sup>



Niagara County	

Western NY

	Est. # of			Est. # of		
	Adults	Percent	95% CI	Adults	Percent	95% CI
Total	5,905	6.7	(4.1-10.8)	65,957	10.3	(8.4-12.7)
Age						
18-24		#			#	
25-34		#		6,722	9.0^	(3.5-21.0)
35-44		#		3,602	5.2	(2.5-10.7)
45-64		#		23,932	9.2	(6.5-12.8)
65+	4,022	14.8^	(8.1-25.5)	29,019	14.9	(11.2-19.4)
Race						
White, NH	4,931	6.1	(3.5-10.4)	53,929	10.0	(7.9-12.5)
Black, NH		#		7,467	15.6^	(8.4-27.0)
Hispanic		#			#	
Other, NH		#		3,596	19.2^	(6.3-45.6)
Sex						
male	2,944	7.6	(3.8-14.4)	29,830	10.2	(7.3-14.0)
female	2,961	6.0	(2.9-11.8)	36,128	10.4	(7.9-13.6)
Age-adjusted <sup>&amp;</sup>		4.9	(2.7-8.8)		9.0	(6.9-11.7)

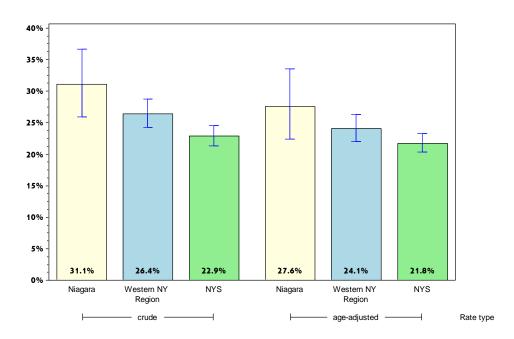
\* Courses for high blood pressure, arthritis, or diabetes.

& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

#### Prevent Chronic Diseases

Percentage of adults with arthritis\*



#### **Niagara County**

Western NY

	inagara county			Western HT		
	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
Total	52,696	31.1	(25.9-36.7)	320,398	26.4	(24.2-28.8)
Age						
18-24		#			#	
25-34		#		18,912	10.9	(5.5-20.4)
35-44		#		25,812	15.0	(11.1-20.1)
45-64	25,801	37.7	(29.8-46.3)	143,574	33.0	(29.4-36.8)
65+	18,010	50.6	(40.6-60.4)	126,586	51.1	(46.4-55.9)
Race						
White, NH	49,746	32.7	(27.1-38.9)	285,993	28.2	(25.7-30.8)
Black, NH		#		16,561	17.8	(11.8-26.0)
Hispanic		#		10,492	17.4^	(10.6-27.5)
Other, NH		#		7,352	16.4^	(8.8-28.6)
Sex						
male	20,441	25.2	(18.5-33.3)	115,944	19.9	(17.1-22.9)
female	32,255	36.5	(29.1-44.5)	204,454	32.6	(29.4-35.9)
Age-adjusted <sup>&amp;</sup>		27.6	(22.4-33.6)		24.1	(22.0-26.3)

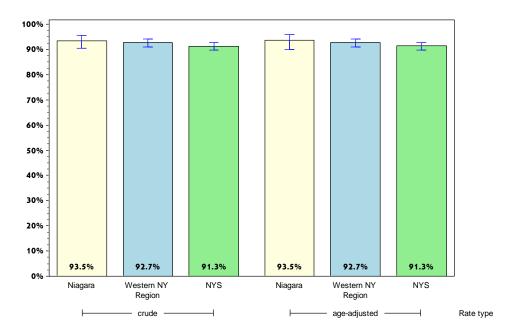
\* Includes rheumatoid arthritis, gout, lupus, or fibromyalgia.

& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

#### Promote a Healthy and Safe Environment

Percentage of adults who consider their neighborhood suitable for walking and physical activity



#### **Niagara County**

Western NY

	Est. # of			Est. # of		
	Adults	Percent	95% CI	Adults	Percent	95% CI
Total	151,527	93.5	(90.3-95.7)	1,071,115	92.7	(90.9-94.1)
Age						
18-24		#		147,175	89.8	(80.7-94.9)
25-34		#		150,577	90.8	(85.7-94.2)
35-44		#		155,303	95.2	(92.2-97.0)
45-64	60,902	94.4	(89.0-97.2)	383,623	92.8	(90.2-94.7)
65+	32,429	93.9	(86.2-97.5)	222,347	93.7	(90.4-96.0)
Race						
White, NH	136,788	93.7	(90.3-95.9)	916,932	94.4	(92.8-95.7)
Black, NH		#		69,802	81.6	(71.7-88.6)
Hispanic		#		47,547	82.9^	(69.3-91.2)
Other, NH		#		36,834	87.1^	(74.3-94.0)
Sex						
male	71,641	93.7	(88.9-96.5)	520,960	93.1	(90.1-95.2)
female	79,886	93.3	(88.5-96.2)	550,155	92.3	(90.2-93.9)
Age-adjusted <sup>&amp;</sup>		93.5	(89.9-95.9)		92.7	(91.0-94.1)

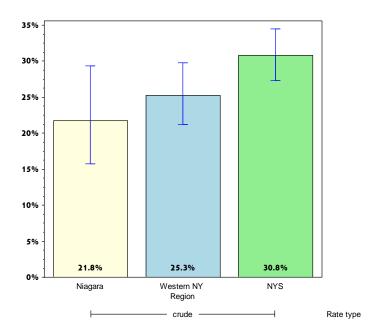
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& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

#### Promote a Health and Safe Environment

Percentage of adults aged 65+ years with at least one fall in the past 12 months



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	Niagara County			Western NY		
_	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
<b>Total</b> <b>Age</b> <sup>+</sup> 18-24 25-34 35-44	7,413	21.8	(15.7-29.3)	60,568	25.3	(21.3-29.8)
45-64 65+ <b>Race</b> White, NH Black, NH Hispanic Other, NH	7,174	23.1 # # #	(16.7-30.9)	56,868	25.4 # # #	(21.2-30.1)
Sex male female Age-adjusted <sup>+,&amp;</sup>	2,391 5,022	16.7 <sup>^</sup> 25.5	(8.7-29.5) (17.7-35.3)	29,073 31,495	28.5 22.9	(21.6-36.5) (18.4-28.1)

& Percent is age-adjusted to the 2000 United States Population.

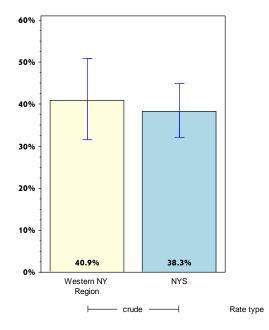
+ Age-adjusted and age specific percent not generated for health indicators with age range limits.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

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#### Promote a Health and Safe Environment

Among adults aged 65+ years with at least one fall in the past 12 months, percent that resulted in injury<sup>\*</sup>



	Niagara County			Western NY		
	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
<b>Total</b> Age⁺ 18-24		#		24,648	40.9^	(31.5-51.0)
25-34 35-44 45-64 65+						
Race White, NH Black, NH Hispanic Other, NH		# # #		23,554	41.6 <sup>^</sup> # #	(31.8-52.1)
Sex male female Age-adjusted <sup>+,&amp;</sup>		# #		9,821 14,827	33.9 <sup>^</sup> 47.4 <sup>^</sup>	(20.1-51.0) (35.8-59.2)

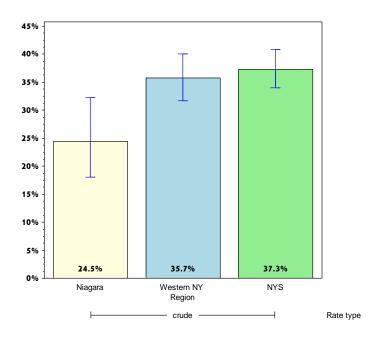
\* Falls that limited regular activities or lead to doctor visits.

& Percent is age-adjusted to the 2000 United States Population.

+ Age-adjusted and age specific percent not generated for health indicators with age range limits.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

Prevent HIV/STDs, Vaccine Preventable Diseases and Healthcare-Associated Infections Percentage of adults aged 47-68 years reporting ever tested for Hepatitis C (HCV)



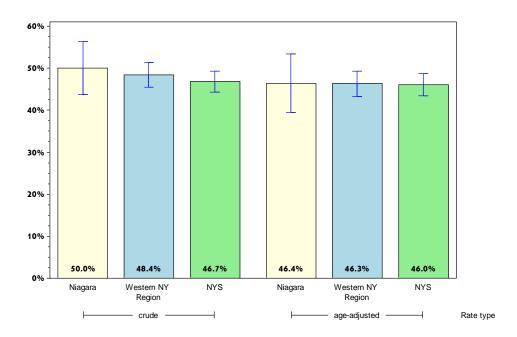
	Niagara County			Western NY		
_	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
Total	14,299	24.5	(18.0-32.3)	142,965	35.7	(31.7-40.0)
Age⁺						
18-24						
25-34						
35-44						
45-64						
65+						
Race						
White, NH	13,307	23.6	(17.1-31.7)	107,393	31.2	(27.5-35.1)
Black, NH		#		17,645	62.2^	(45.9-76.2)
Hispanic		#			#	
Other, NH		#			#	
Sex						
male	9,487	34.1^	(22.8-47.6)	87,478	46.3	(39.7-53.1)
female	4,812	15.7	(10.2-23.4)	55,487	26.3	(22.0-31.0)
Age-adjusted <sup>+,&amp;</sup>						

& Percent is age-adjusted to the 2000 United States Population.

+ Age-adjusted and age specific percent not generated for health indicators with age range limits.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

Prevent HIV/STDs, Vaccine Preventable Diseases and Healthcare-Associated Infections Percentage of adults aged 18+ years with flu immunization in the past year<sup>\*</sup>



#### **Niagara County**

Western NY

	Est. # of			Est. # of		
r	Adults	Percent	95% CI	Adults	Percent	95% CI
Total	81,714	50.0	(43.7-56.3)	564,930	48.4	(45.4-51.3)
Age						
18-24		#		43,594	26.5	(18.0-37.1)
25-34		#		60,600	36.6	(28.5-45.5)
35-44		#		65,045	39.6	(32.2-47.4)
45-64	32,224	49.8	(41.1-58.5)	203,704	48.6	(44.4-52.8)
65+	27,278	77.9	(69.6-84.5)	184,502	76.4	(72.3-80.1)
Race						
White, NH	74,002	50.2	(43.5-57.0)	476,222	48.6	(45.4-51.8)
Black, NH		#		39,547	46.9^	(37.0-57.0)
Hispanic		#		33,195	57.1^	(43.1-70.0)
Other, NH		#		15,967	35.9^	(22.2-52.4)
Sex						
male	36,745	47.8	(38.6-57.2)	254,448	45.0	(40.4-49.7)
female	44,969	51.9	(43.5-60.2)	310,483	51.6	(48.0-55.1)
Age-adjusted <sup>&amp;</sup>		46.4	(39.4-53.5)		46.3	(43.3-49.3)

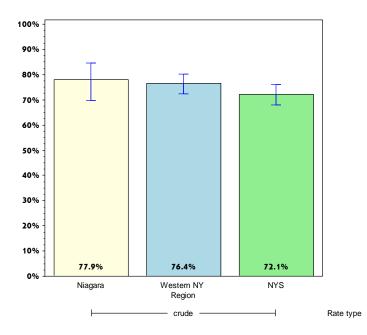
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\* Includes flu shot or flu spray

& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

Prevent HIV/STDs, Vaccine Preventable Diseases and Healthcare-Associated Infections Percentage of adults aged 65+ years with flu immunization in the past year<sup>\*</sup>



	Niagara County			Western NY		
_	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
Total Age <sup>+</sup> 18-24 25-34 35-44 45-64 65+ Race	27,278	77.9	(69.6-84.5)	184,502	76.4	(72.3-80.1)
White, NH Black, NH Hispanic Other, NH <b>Sex</b> male female	24,965 13,263 14,015	77.9 # # 86.7 <sup>^</sup> 71.1 <sup>^</sup>	(69.7-84.5) (74.7-93.5) (59.8-80.3)	172,930 82,045 102,457	76.7 # # 79.3 74.3	(72.4-80.5) (72.5-84.8) (68.8-79.0)
Age-adjusted <sup>+,&amp;</sup>	14,015	/1.1	(39.8-80.3)	102,437	74.5	(00.0-75.0)

\* Includes flu shot or flu spray

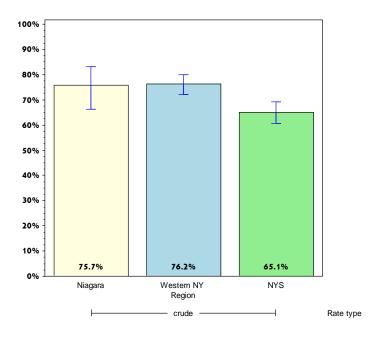
& Percent is age-adjusted to the 2000 United States Population.

+ Age-adjusted and age specific percent not generated for health indicators with age range limits.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

Prevent HIV/STDs, Vaccine Preventable Diseases and Healthcare-Associated Infections

Percentage of adults aged 65+ years with pneumococcal immunization



	Niagara County			Western NY		
_	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
<b>Total</b> <b>Age</b> <sup>+</sup> 18-24 25-34 35-44 45-64 65+ <b>Race</b>	26,081	75.7	(66.2-83.2)	173,650	76.2	(72.0-80.0)
White, NH Black, NH Hispanic Other, NH <b>Sex</b> male female	23,766 10,999 15,083	75.5 # # # 74.6 <sup>^</sup> 76.6 <sup>^</sup>	(65.8-83.1) (56.7-86.8) (65.7-84.8)	165,973 62,208 111,442	78.1 # # 68.3 81.5	(74.1-81.6) (60.3-75.3) (77.2-85.1)
Age-adjusted <sup>+,&amp;</sup>						

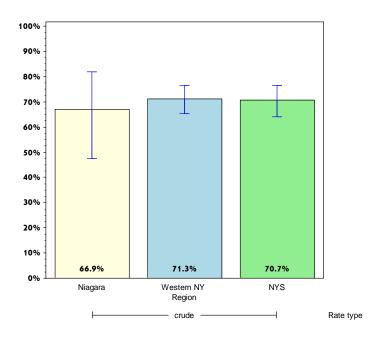
& Percent is age-adjusted to the 2000 United States Population.

+ Age-adjusted and age specific percent not generated for health indicators with age range limits.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

# **Niagara** Promote Healthy Women, Infants, and Children

Percentage of women aged 18-44 years who had dental visit within the last year



	Niagara County			Western NY		
	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
<b>Total</b> <b>Age</b> <sup>+</sup> 18-24 25-34 35-44 45-64 65+	17,619	66.9^	(47.4-81.9)	160,792	71.3	(65.3-76.6)
Race White, NH Black, NH Hispanic Other, NH Sex		# # #		133,550	73.5 # # #	(67.1-79.1)
male female Age-adjusted <sup>+,&amp;</sup>	17,619	# 66.9 <sup>^</sup>	(47.4-81.9)	160,792	# 71.3	(65.3-76.6)

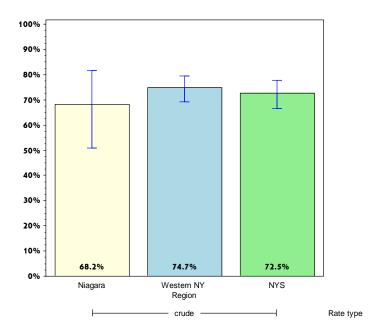
& Percent is age-adjusted to the 2000 United States Population.

+ Age-adjusted and age specific percent not generated for health indicators with age range limits.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

# Promote Healthy Women, Infants, and Children

Women aged 18-44 years who saw a doctor for a routine checkup within the last year



	Niagara County			Western NY		
_	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
Total	23,128	68.2^	(50.9-81.6)	187,734	74.7	(69.2-79.5)
Age⁺						
18-24						
25-34						
35-44						
45-64						
65+						
Race						
White, NH		#		145,709	73.3	(67.1-78.8)
Black, NH		#			#	
Hispanic		#			#	
Other, NH		#			#	
Sex						
male		#			#	
female	23,128	68.2^	(50.9-81.6)	187,734	74.7	(69.2-79.5)
Age-adjusted <sup>+,&amp;</sup>						

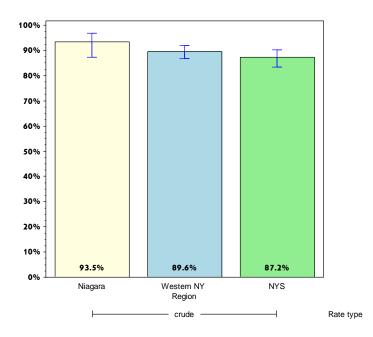
& Percent is age-adjusted to the 2000 United States Population.

+ Age-adjusted and age specific percent not generated for health indicators with age range limits.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

# **Niagara** Promote Healthy Women, Infants, and Children

Percentage of women aged 18-64 years with health care coverage



	Niagara County			Western NY		
	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
Total	62,161	93.5	(87.3-96.7)	422,644	89.6	(86.8-91.8)
Age⁺						
18-24						
25-34						
35-44						
45-64						
65+						
Race						
White, NH	58,323	94.1	(87.7-97.3)	355,498	89.9	(86.8-92.4)
Black, NH		#		34,857	89.5	(79.8-94.9)
Hispanic		#			#	
Other, NH		#			#	
Sex						
male		#			#	
female	62,161	93.5	(87.3-96.7)	422,644	89.6	(86.8-91.8)
Age-adjusted <sup>+,&amp;</sup>						

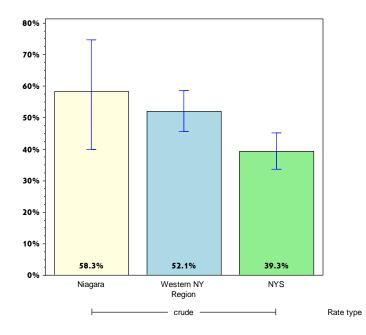
& Percent is age-adjusted to the 2000 United States Population.

+ Age-adjusted and age specific percent not generated for health indicators with age range limits.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

# **Niagara** Promote Healthy Women, Infants, and Children

Percentage of women aged 18-44 years whose health care provider discussed planning a healthy pregnancy



	Niagara County			Western NY		
_	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
Total	16,847	58.3^	(39.8-74.8)	118,151	52.1	(45.5-58.6)
Age⁺						
18-24						
25-34						
35-44						
45-64						
65+						
Race						
White, NH		#		97,727	54.4	(47.0-61.6)
Black, NH		#			#	
Hispanic		#			#	
Other, NH		#			#	
Sex						
male		#			#	
female	16,847	58.3^	(39.8-74.8)	118,151	52.1	(45.5-58.6)
Age-adjusted <sup>+,&amp;</sup>						

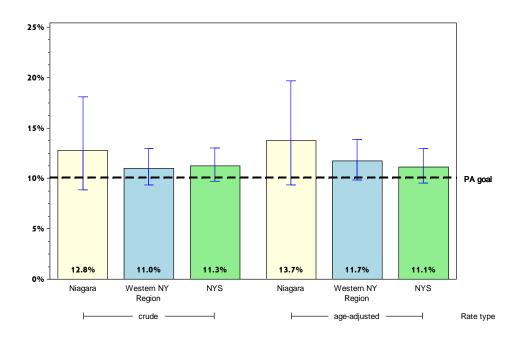
& Percent is age-adjusted to the 2000 United States Population.

+ Age-adjusted and age specific percent not generated for health indicators with age range limits.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

#### Promote Mental Health and Prevention Substance Abuse

Percentage of adults with poor mental health for 14 or more days in the last month



#### Niagara County

Western NY

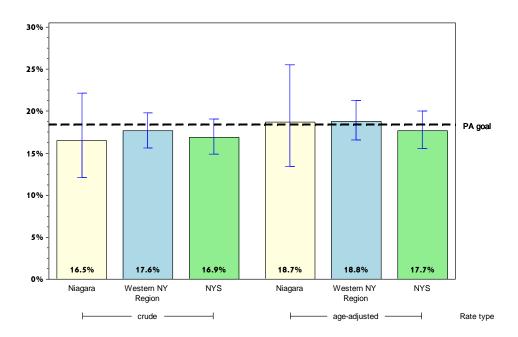
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	Est. # of Adults	Percent	95% CI	Est. # of Adults	Percent	95% CI
Total	21,623	12.8	(8.9-18.1)	131,217	11.0	(9.4-13.0)
Age				-		. ,
18-24		#		21,607	12.7	(6.9-22.3)
25-34		#		22,212	13.2	(8.4-20.2)
35-44		#		25,931	15.4	(10.9-21.2)
45-64	8,705	12.9	(8.2-19.5)	44,951	10.5	(8.5-13.1)
65+	2,459	6.9	(3.4-13.6)	16,476	6.8	(5.0-9.2)
Race						
White, NH	18,233	12.0	(7.9-17.9)	108,718	10.9	(9.0-13.0)
Black, NH		#		14,244	15.8	(9.9-24.4)
Hispanic		#		5,382	9.6	(4.8-18.3)
Other, NH		#		2,874	6.5	(3.2-12.5)
Sex						
male	8,704	10.7	(6.6-16.9)	59,832	10.4	(7.9-13.6)
female	12,919	14.7	(8.8-23.6)	71,386	11.6	(9.5-14.0)
Age-adjusted <sup>&amp;</sup>		13.7	(9.4-19.7)		11.7	(9.9-13.9)

& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

# Promote Mental Health and Prevention Substance Abuse

Percentage of adult binge drinking during the past month\*



#### Niagara County

Western NY

	Est. # of			Est. # of		
	Adults	Percent	95% CI	Adults	Percent	95% CI
Total	26,810	16.5	(12.1-22.1)	205,623	17.6	(15.7-19.8)
Age						
18-24		#		43,355	25.9	(18.7-34.7)
25-34		#		42,241	25.2	(19.7-31.6)
35-44		#		38,381	23.2	(17.0-31.0)
45-64	9,427	15.1	(10.0-22.3)	67,364	16.2	(13.3-19.5)
65+		#		12,994	5.5	(3.7-8.1)
Race						
White, NH	24,965	17.1	(12.3-23.2)	175,202	17.9	(15.8-20.3)
Black, NH		#		21,921	25.3^	(17.1-35.7)
Hispanic		#		4,271	7.5	(3.4-15.7)
Other, NH		#		4,228	9.6	(4.7-18.5)
Sex						
male	16,842	22.0	(14.6-31.8)	127,670	22.7	(19.5-26.3)
female	9,968	11.6	(7.3-18.0)	77,952	12.9	(10.5-15.7)
Age-adjusted <sup>&amp;</sup>		18.7	(13.4-25.5)		18.8	(16.5-21.3)

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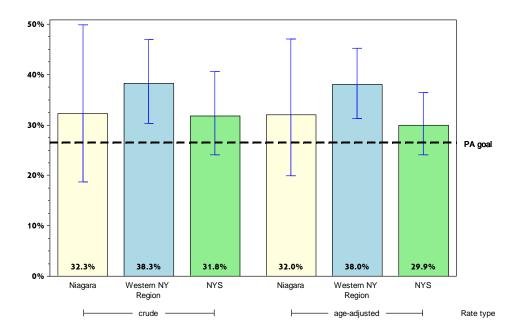
\* Men who have five or more drinks , women having four or more drinks on one occasion

& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.

#### Promote Mental Health and Prevention Substance Abuse

Percentage of cigarette smoking among adults who report poor mental health



Niagara	County	

Western NY

	Est. # of			Est. # of		
	Adults	Percent	95% CI	Adults	Percent	95% CI
Total	6,883	32.3^	(18.7-49.8)	49,115	38.3	(30.3-47.0)
Age						
18-24		#			#	
25-34		#			#	
35-44		#		10,514	43.8^	(27.4-61.8)
45-64		#		16,205	36.3^	(26.8-47.1)
65+		#		1,696	10.7^	(4.0-25.6)
Race						
White, NH		#		35,020	32.8	(24.4-42.4)
Black, NH		#			#	
Hispanic		#			#	
Other, NH		#			#	
Sex						
male		#		25,581	43.6^	(30.1-58.1)
female		#		23,535	33.8	(25.1-43.8)
Age-adjusted <sup>&amp;</sup>		32.0^	(20.0-47.1)		38.0	(31.2-45.2)

& Percent is age-adjusted to the 2000 United States Population.

# Rates with <10 in the numerator or <50 in the denominator are suppressed.