

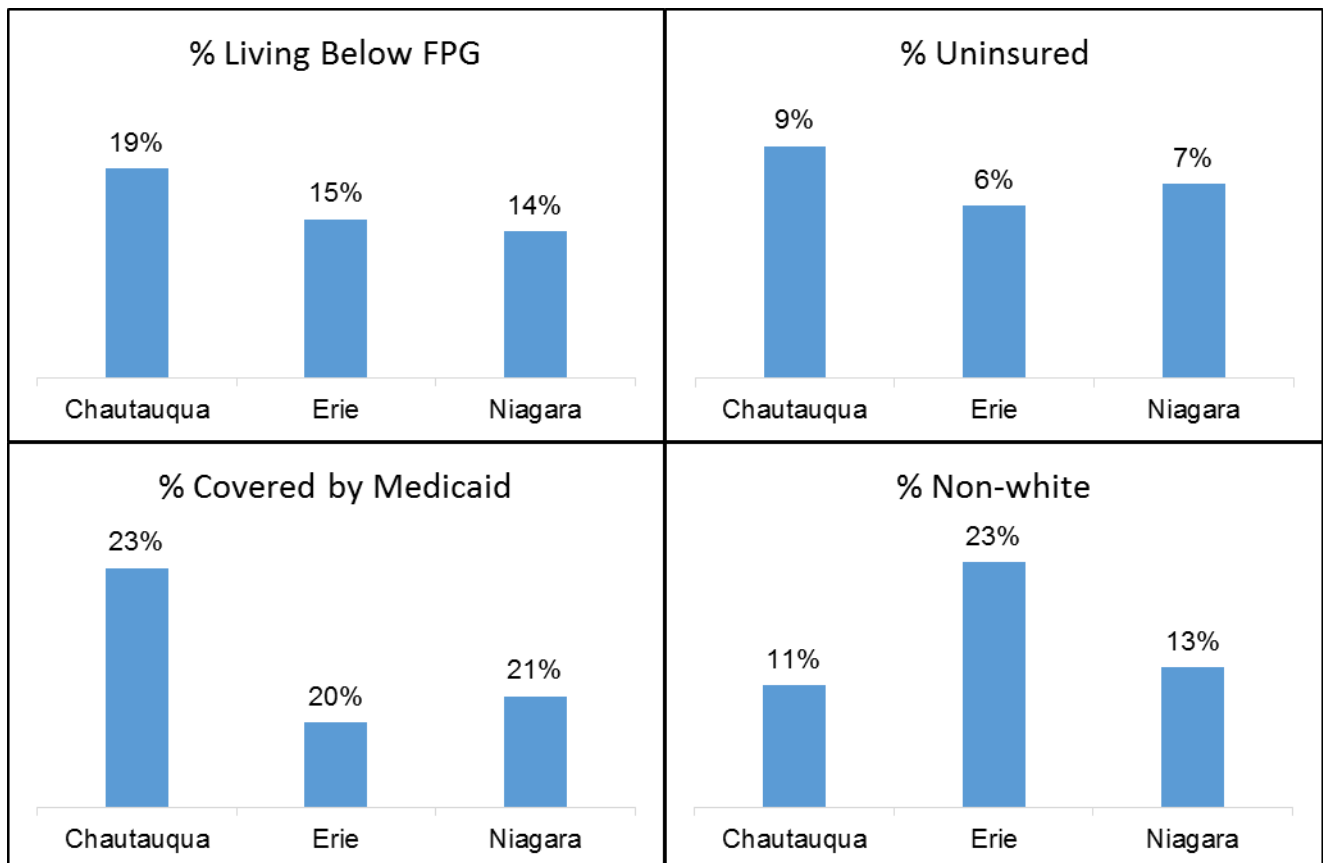
Sisters of Charity Hospital of Buffalo, New York PPS Community Profile

Counties served: Chautauqua, Erie, Niagara

DEMOGRAPHICS ¹

The three counties served by the Sisters of Charity Hospital of Buffalo, New York PPS had a 2014 total population of **1,269,223**. The region's largest city is Buffalo (population 258,959) in Erie County, followed by Niagara Falls (population 49,468) in Niagara County.

- **Age:** Across all three counties, 22.4% of the population is age 60 or older.
- **Race/Ethnicity:** Overall, the three counties have a population that is 79.9% White. Only Erie County has a non-White population that comprises more than 20% of its total population.
- **Foreign-born residents:** 5.6% of residents are foreign-born.
- **Language:** 91.3% of residents of these counties speak only English at home. Between 1.2% and 4.5% of each county's residents speak Spanish at home, and those that do generally identify as of Puerto Rican or Mexican descent.
- **Poverty:** Chautauqua County has the greatest percentage (19.4%) of residents living below Federal Poverty Guidelines (FPG), while Niagara County (13.6%) has the lowest.



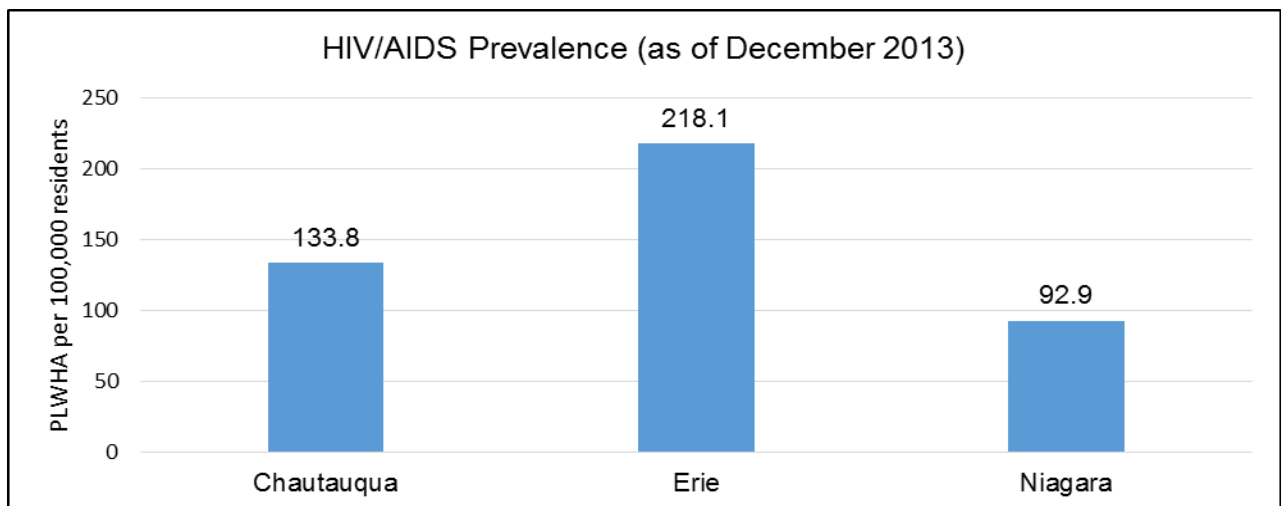
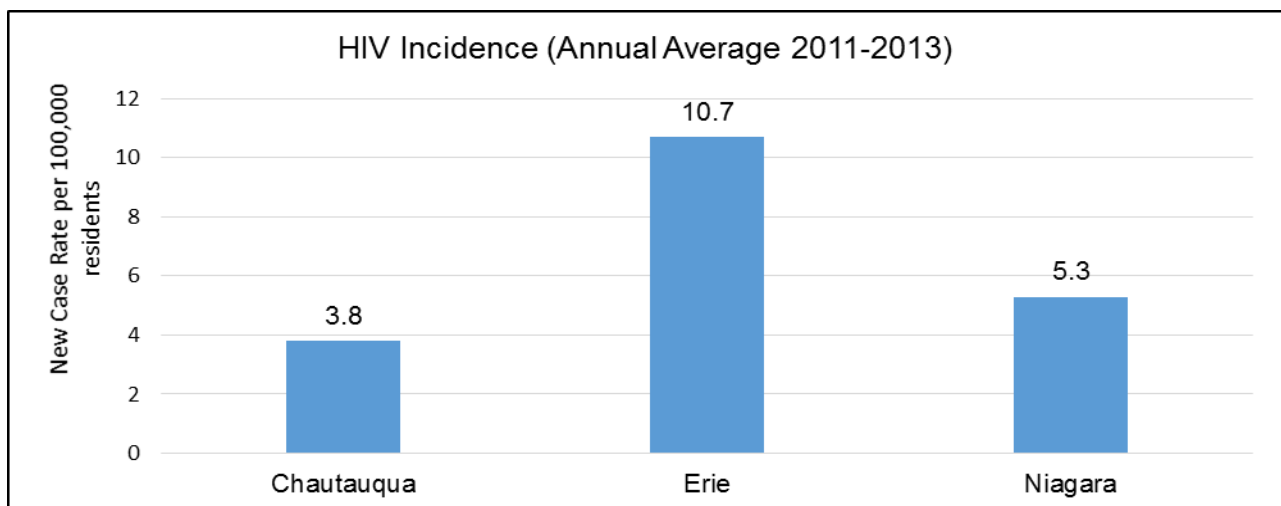
HIV/AIDS ^{2 3}

New HIV Diagnoses: Between 2011 and 2013, there were a total of 345 new HIV diagnoses in the PPS's three counties. Erie County had the largest number of new HIV cases – 296 during these three years. Chautauqua had the lowest– 15 new cases during this time. The HIV incidence for these counties is significantly lower than New York State's overall 19.1 case rate per 100,000 residents, and Chautauqua and Niagara have incidence lower than New York State's case rate with New York City excluded – 8.2 new cases per 100,000 residents.

PLWHA: As of December 31, 2013, there were 2,383 people living with HIV/AIDS in the region; each county's number of PLWHA ranged from 178 (Chautauqua) to 2,006 (Erie). Prevalence rates approach NY State's prevalence rate with NYC excluded – 243.9 PLWHA per 100,000.

Deaths: From 2011 to 2013, a total 109 deaths occurred among PLWHA in the PPS region.

HIV/AIDS Hospitalization Costs: In 2014, HIV-related hospitalization costs across the three counties (91 patients and 1,191 days) totaled \$4,478,161; 98% of costs occurred in Erie County.

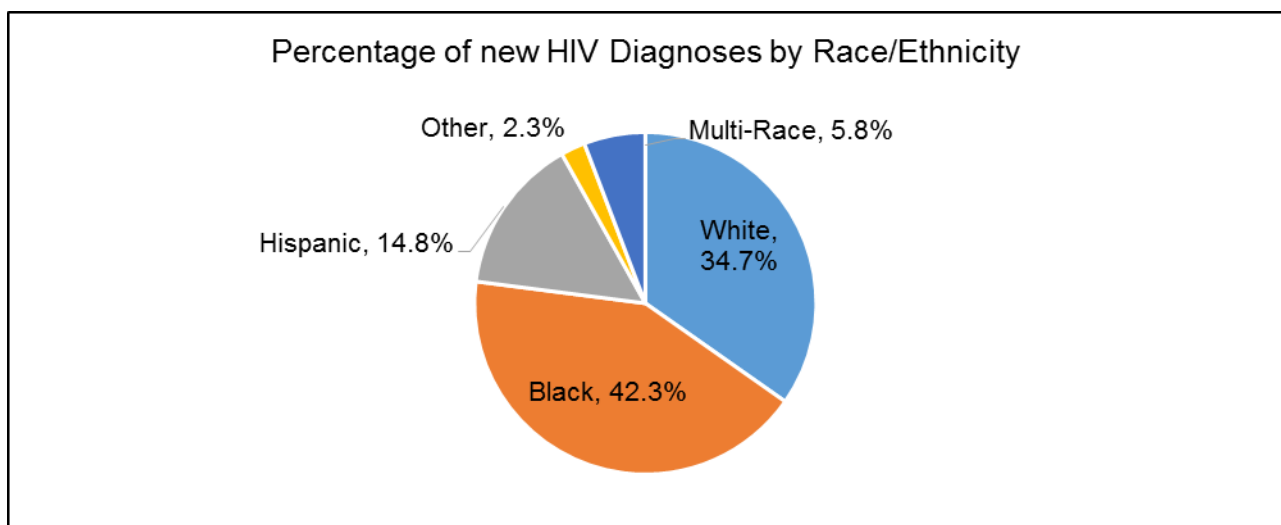
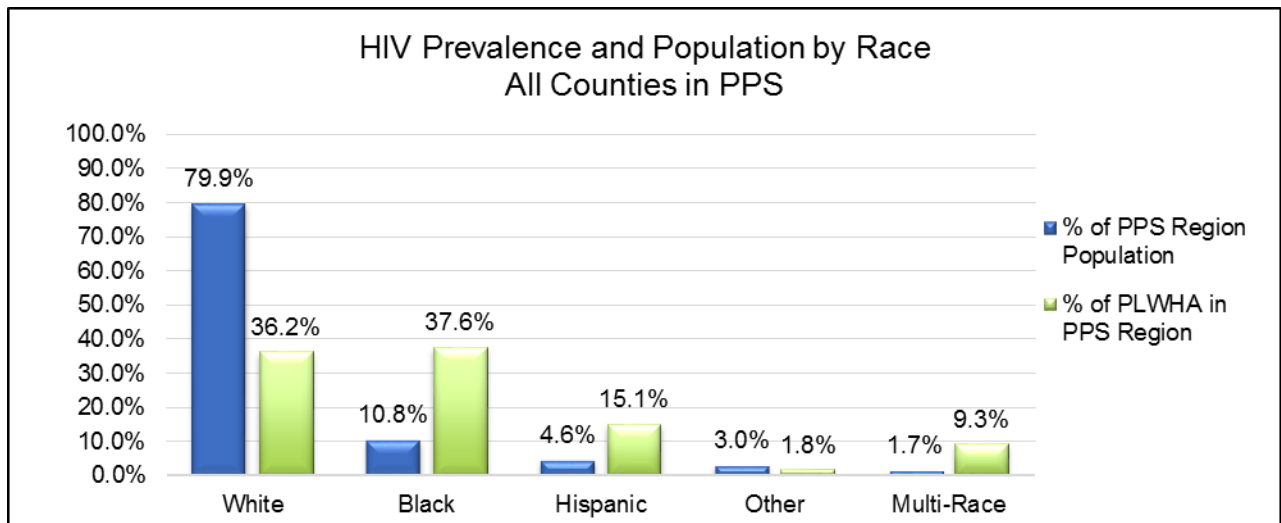


HIV DISPARITIES ^{1 2}

HIV and AIDS disproportionately impact non-White residents – and especially residents identifying as Hispanic (of any race), Black (non-Hispanic), and Multi-Race (non-Hispanic) – across all three of the PPS's counties.

Despite Black individuals making up only 10.8% of the counties' total population, this racial group represented 37.6% of all PLWHA in the region, as well as 42.3% of the region's new HIV diagnoses between 2011 and 2013. Similarly, Hispanics accounted for 14.8% of new diagnoses and 15.1% of PLWHA in these counties, while comprising only 4.6% of the total population.

Of all PLWHA in the PPS region, 18.4% (439 individuals) indicated transmission by injection drug use (IDU) or MSM/IDU, and 44.4% (1,057) indicated transmission by MSM.

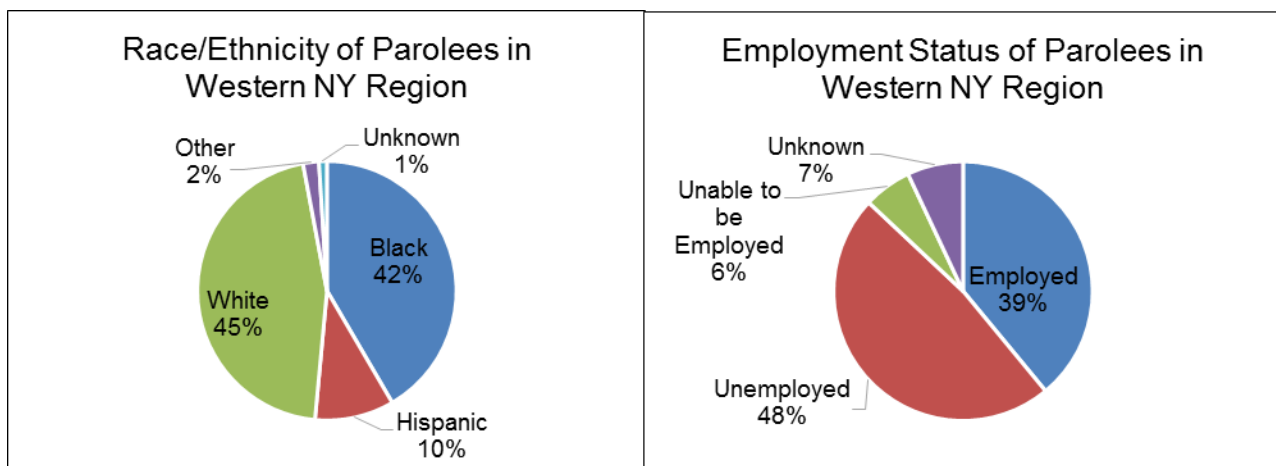


Homelessness

- The Sisters of Charity Hospital PPS spans two HUD Continuum of Care (CoC) regions (NY-508 and NY-514), which are comprised of Erie, Niagara, Orleans, Genesee, Wyoming, and Chautauqua Counties.
 - In this region in January 2015, a total of **948 individuals were homeless**. Of these, 887 were sheltered and 61 were unsheltered.
 - Thirty-three percent – 315 individuals – were members of homeless families.
 - The number of **homeless unaccompanied youth (under age 25) was 79**.

Parolees in the Region

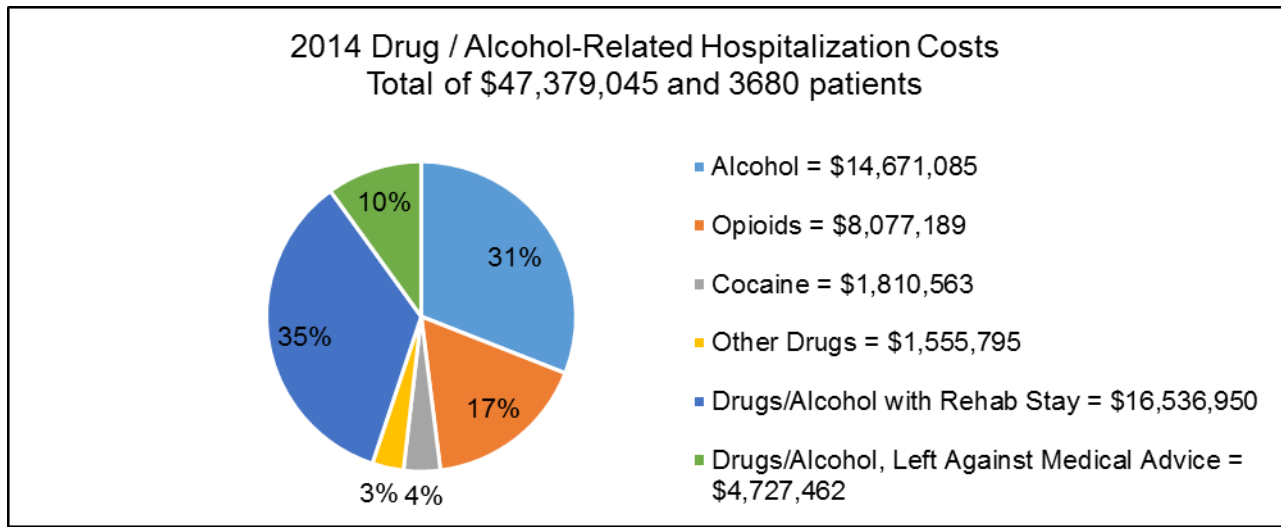
- As of December 2015, **5,776 parolees reside** in the Western New York region.
- **Counties included in the Western New York region:** Allegany, Broome, Cattaraugus, Chautauqua, Chemung, Delaware, Erie, Genesee, Livingston, Monroe, Niagara, Ontario, Orleans, Schuyler, Steuben, Tioga, Tompkins, Wayne, Wyoming, Yates.



Substance Use

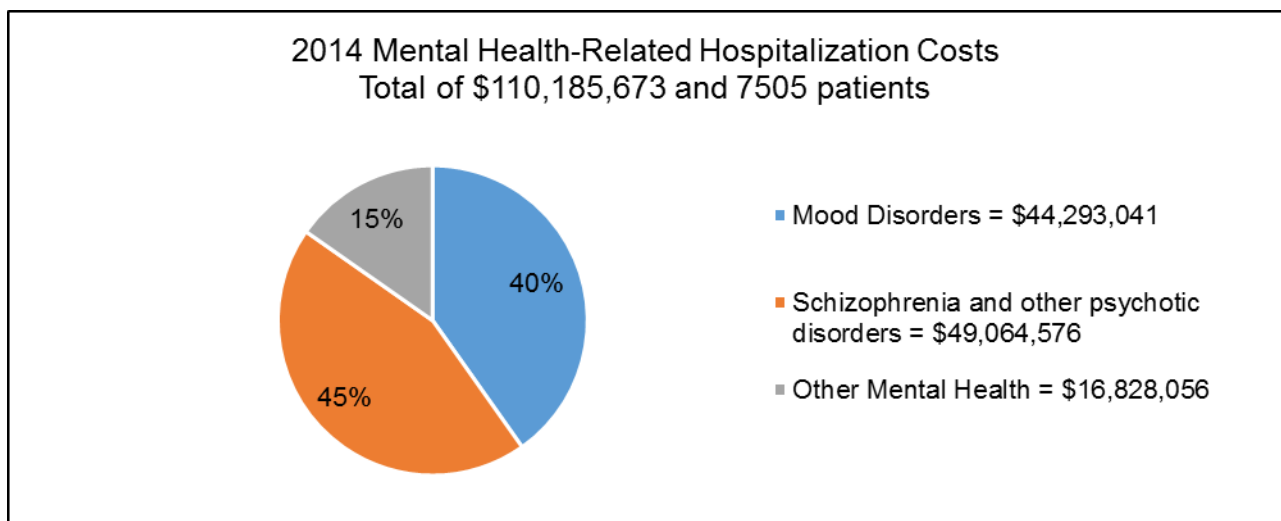
- One in five adults in the PPS region smokes cigarettes, a rate higher than the statewide rate of 15.9%. Chautauqua County has the highest rate of smokers (27.8% of adults).
- 18.7% of adults reported binge drinking in last month, similar to statewide rate of 17.7%.
- The three counties in the Sisters of Charity Hospital of Buffalo PPS incurred **total drug/alcohol-related hospitalization costs** of over **\$47.3 million in 2014, serving 3,680 patients**.
 - Two-thirds of these costs are attributable to Erie County, which served 2,546 patients and incurred \$31.5 million in hospitalization costs.
 - Niagara County served 773 patients at cost of \$12.3 million, and Chautauqua served 361 patients at cost of \$3.6 million.
- PPS-wide, the majority of costs were incurred by 857 patients admitted for “Drug and Alcohol Dependence with Rehab or Detox Therapy”, with costs totaling \$16.5 million.
 - A total of 1,089 patients were admitted for “Alcohol Abuse and Dependence,” costing \$14.7 million.

- Opioid abuse and dependence was the cause of admission for 835 patients, incurring \$8.0 million across all three counties.



Mental Health

- Average Age-adjusted Percentage of Adults with Poor Mental Health for 14 days or more Days in the Past Month: 11.9%, similar to the state-wide rate of 11.1%.
- **Mental health-related hospitalization costs across all three counties totaled over \$110.2 million, serving 7,505 patients in 2014.**
 - The vast majority of mental health-related hospitalization costs were incurred by Erie County (68% of the total, or \$74.6 million), which served 3,635 patients.
 - Chautauqua County served 1,769 patients at a total cost of \$14.0 million, and Niagara served 2,101 patients and spent over \$21.6 million.
- Schizophrenia and other psychotic disorders accounted for the largest proportion of mental health-related hospitalization costs: a total 2,278 patients were admitted at cost of \$49.0 million. Mood disorders accounted for 3,615 patients and \$44.2 million; and, 1,612 patients were admitted for other mental health concerns, costing \$16.8 million.



SOURCES

¹ U.S. Census Bureau, 2010-2014 American Community Survey 5-Year Estimates.

² New York State HIV/AIDS County Surveillance Report (Excludes State Prison Inmates) For Cases Diagnosed Through December 2013. Bureau of HIV/AIDS Epidemiology AIDS, AIDS Institute, New York State Department of Health, August 2015.

³ New York State Department of Health, Statewide Planning and Research Cooperative System (SPARCS). APR Diagnosis Related Group (DRG) Report by County for 2014 Inpatient Data. APR DRG = HIV with Major Related Conditions (892) and HIV with Multiple Major Related Conditions (890).

⁴ U.S. Housing and Urban Development, Continuum of Care Homeless Assistance Program Homeless Population and Subpopulation Report, Point in Time (PIT) counts from January 2015. Published November 2015. Retrieved July 2016 from <https://www.hudexchange.info/resources/documents/2007-2015-PIT-counts-by-CoC.xls>

⁵ New York State Department of Corrections, 2015 FOIA request on Community Supervision Offenders.

⁶ 2013-2014 NYS Expanded Behavioral Risk Factor Surveillance System (NYS Counties outside NYC); 2013 NYS Behavioral Risk Factor Surveillance System (NYC counties), data as of 2015. Retrieved July 2016 from <https://www.health.ny.gov/statistics/chac/general/g110.htm>; <https://www.health.ny.gov/statistics/chac/general/g108.htm>.

⁷ New York State Department of Health, Statewide Planning and Research Cooperative System (SPARCS). APR Major Diagnostic Category (MDC) by Diagnosis Related Group (DRG) Report by County for 2014 Inpatient Data.

APR MDC = Alcohol / Drug Use & Alcohol/Drug Induced Organic Mental Disorders.
APR DRG = Alcohol & Drug Dependence w Rehab or Rehab/Detox Therapy (772); Alcohol Abuse & Dependence (775); Cocaine Abuse & Dependence (774); Drug & Alcohol Abuse or Dependence, Left Against Medical Advice (770); Opioid Abuse & Dependence (773); and Other Drug Abuse & Dependence (776).

⁸ New York State Department of Health, Statewide Planning and Research Cooperative System (SPARCS). APR Major Diagnostic Category (MDC) by Clinical Classification (CCS) Diagnosis Category Report by County for 2014 Inpatient Data.

APR MDC = Mental Diseases and Disorders.
CCS Diagnosis Categories = Mood Disorders (657); Schizophrenia and other psychotic disorders (659); and, sum of all other CCS Diagnoses under Mental Diseases and Disorders: Adjustment Disorders (650), Anxiety Disorders (651), Attention-Deficit (652), Delirium (653), Developmental Disorders (654), Miscellaneous Disorders (670), Other congenital abnormalities (217), Personality disorders (658), and Suicide and other intentional self-inflicted injury (662).

⁹ 2013-2014 NYS Expanded Behavioral Risk Factor Surveillance System (NYS Counties outside NYC); 2013 NYS Behavioral Risk Factor Surveillance System (NYC counties), data as of 2015. Retrieved July 2016 from <https://www.health.ny.gov/statistics/chac/general/g106.htm>

Community-Based Organizations funded by NYS Department of Health, AIDS Institute in the Sisters of Charity Hospital Buffalo PPS Region

Community Access Services of WNY, Inc.

206 South Elmwood Avenue
Buffalo, NY 14201

Contact person: Ronald Silverio, President / CEO
Phone: 716-852-5969
Email: rsilverio@evergreenhs.org

EHS, Inc.

206 South Elmwood Ave
Buffalo, NY 14201

Contact person: Ronald Silverio, President / CEO
Phone: 716-847-0212
Email: rsilverio@evergreenhs.org

Pride Center of Western New York

206 South Elmwood Ave
Buffalo, NY 14201

Contact person: Ronald Silverio, President / CEO
Phone: 716-847-0212
Email: rsilverio@evergreenhs.org

Additional Resources

AIDS Institute HIV Education & Training Program

The site offers a range of trainings that are intended for non-physician health and human services providers who offer HIV, STI and viral hepatitis prevention, testing, care, and support services. All trainings are free of charge and funded by the New York State Department of Health AIDS Institute.

<https://www.hivtrainingny.org/>

Ending the Epidemic (ETE) Dashboard

This purpose of this site is to measure, track and disseminate actionable information on progress towards achieving New York State's Ending the Epidemic (EtE) Initiative's goals to all interested stakeholders.

<http://etedashboardny.org/>

NYS Department of Health HIV/AIDS Home Page

The New York State Department of Health, AIDS Institute has lead responsibility for coordinating state programs, services and activities relating to HIV/AIDS, sexually transmitted diseases (STDs) and hepatitis C. The site provides resources related to the AIDS Institute's priorities and work as well as links to resources for consumers and providers and surveillance statistics.

<https://www.health.ny.gov/diseases/aids/>

NY Links

NY Links focuses on improving linkage to care and retention in care and supports the delivery of routine, timely, and effective care for Persons living with HIV/AIDS (PLWHA) in New York State. NY Links uses a regional approach, utilizing the learning collaborative model, to fortify the links holding together communities of practice, and the links grounding them in the communities of consumers they serve.

<http://www.newyorklinks.org/>

Chautauqua County Community Profile

DEMOGRAPHICSⁱ

Chautauqua County's Total Population is **133,556**.

- Residents in Chautauqua County tend to be older; over 24% are 60 years or older.
- The population is predominantly White (88.6%), followed by Hispanic (of any race) (6.6%).
- Only 2.0% of residents are foreign-born.
- Over 92% of residents speak only English at home, and 4.5% speak Spanish at home.

ECONOMIC INDICATORSⁱⁱ

Indicator	Chautauqua County	NY Statewide Rate
Median Household Income	\$42,720	\$58,687
% living at less than 100% of Federal Poverty Level	19.4%	16.0%
Unemployment Rate	8.5%	8.9%
% receiving Medicaid / means-tested Public Coverage	23.4%	22.5%
% Uninsured	8.6%	10.6%

HIV/AIDS IN CHAUTAUQUA COUNTY

New HIV Infections: Between 2011 and 2013, the average annual number of new HIV diagnoses in Chautauqua County was 5.

PLWHA: As of December 31, 2013, there were 178 people living with HIV/AIDS in Chautauqua County.

Deaths: Between 2011 and 2013, the average annual number of deaths among PLWHA was 1.7.

HIV/AIDS Incidence, Prevalence, and Deathsⁱⁱⁱ

	# of New HIV Diagnoses (Annual Average)	%	# of PLWHA	%	# Deaths among PLWHA (Annual Average)	%
Total	5.0	100.0%	178	100.0%	1.7	100.0%
Sex at Birth						
Male	3.7	73.3%	119	66.9%	1.0	60.0%
Female	1.3	26.7%	59	33.1%	0.7	40.0%
Age						
12 & under	0.0	0.0%	1	0.6%	0.0	0.0%
13-19	0.0	0.0%	2	1.1%	0.0	0.0%
20-24	1.3	26.7%	8	4.5%	0.0	0.0%
25-29	0.0	0.0%	10	5.6%	0.0	0.0%
30-39	1.0	20.0%	36	20.2%	0.3	20.0%
40-49	0.7	13.3%	52	29.2%	0.3	20.0%
50-59	1.7	33.3%	43	24.2%	1.0	60.0%
60+	0.3	6.7%	26	14.6%	0.0	0.0%

HIV/AIDS Hospitalization Costs^{iv}

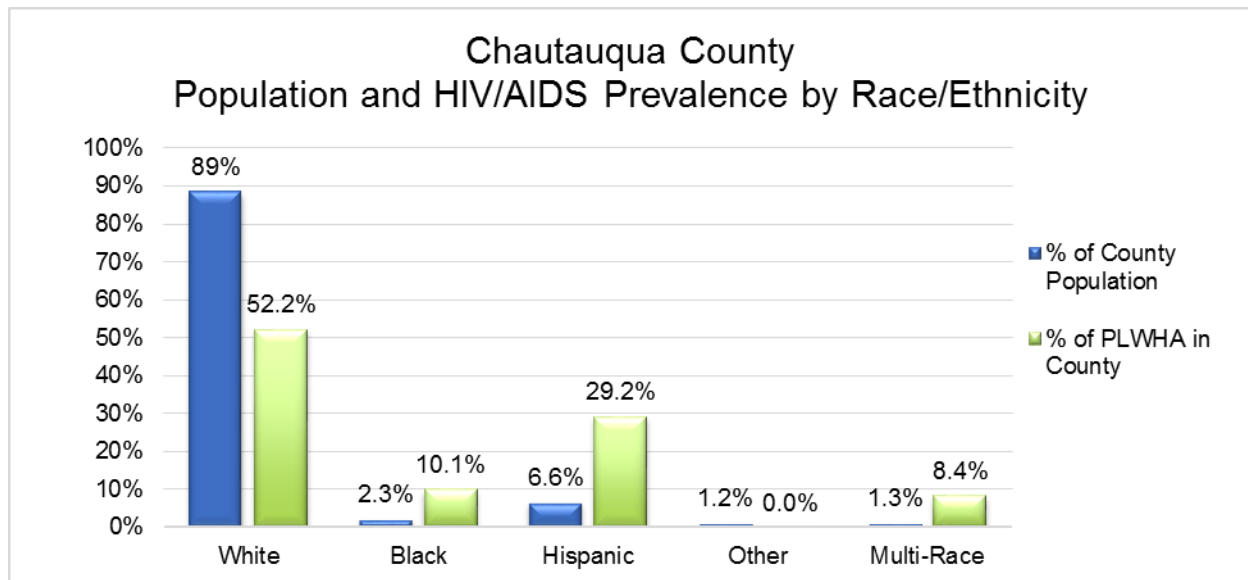
In 2014, a total of \$6,429 in costs were incurred by one patient admitted for “HIV with Major and Multiple Major Related Conditions.”

- This one patient was treated for “HIV with Multiple Major Related Conditions.”

HIV/AIDS Disparities

HIV and AIDS disproportionately impact non-white individuals in Chautauqua County, including those who identify as Black (not Hispanic), Multi-Race (not Hispanic), and Hispanic (of any race).

In Chautauqua County, HIV also disproportionately affects men between ages 40-59. Between 2011 and 2013, 54.5% of new HIV diagnoses among men were among men who have sex with men (MSM), and one new diagnoses was the result of pediatric (perinatal) transmission. For women, all transmissions were the result of injection drug use (IDU), heterosexual contact, or presumed heterosexual contact.



HIV/AIDS Incidence and Prevalence by Transmission Risk^v

	HIV Diagnoses (2011-13 Annual Average)		Living HIV and AIDS Cases (December 2013)	
Transmission Risk Group – Males				
Total	3.7	100.0%	119	100.0%
MSM	2.0	54.5%	78	65.5%
IDU	0.3	9.1%	12	10.1%
MSM/IDU	0.3	9.1%	14	11.8%
Heterosexual	0.0	0.0%	5	4.2%
Blood Products	0.0	0.0%	1	0.8%
Pediatric Risk	0.3	9.1%	5	4.2%
Unknown	0.7	18.2%	4	3.4%
Transmission Risk Group – Females				
Total	1.3	100.0%	59	100.0%

	HIV Diagnoses (2011-13 Annual Average)		Living HIV and AIDS Cases (December 2013)	
IDU	0.3	25.0%	8	13.6%
Heterosexual Contact	0.7	50.0%	43	72.9%
Female Presumed Heterosexual Contact	0.3	25.0%	7	11.9%
Blood Products	0.0	0.0%	0	0.0%
Pediatric Risk	0.0	0.0%	1	1.7%
Unknown	0.0	0.0%	0	0.0%

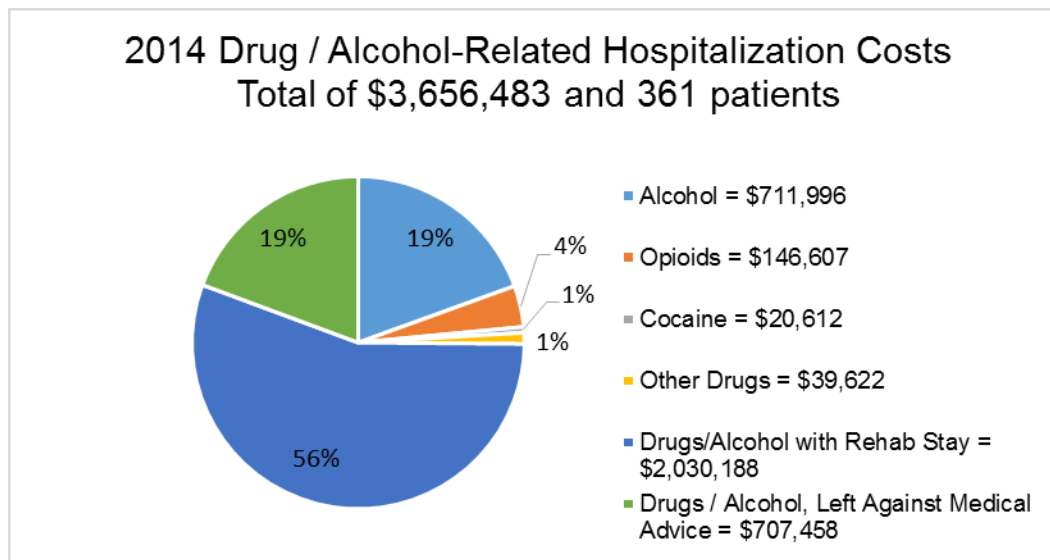
HIV/AIDS RISK FACTORS

Homelessness

- In January 2015, 29 people in Chautauqua County were homeless, according to the Point in Time count for the Chautauqua County Continuum of Care (CoC) region (CoC NY-514).^{vi}
 - Of these, all 29 homeless people were sheltered and 0 were unsheltered.
 - Thirty-one percent - 9 individuals - were members of homeless families.
 - The number of homeless unaccompanied youth (under age 25) was 4.

Substance Use

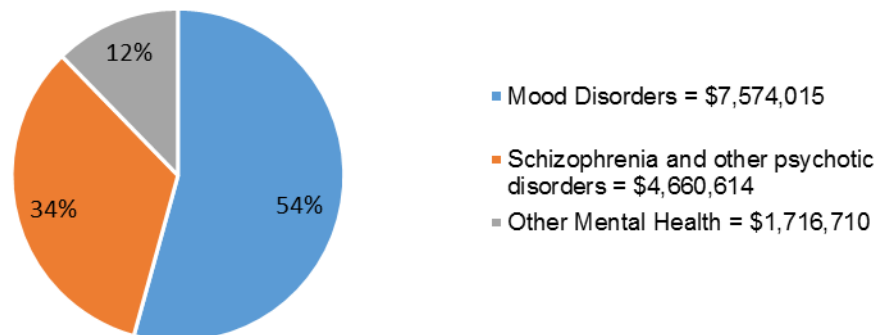
- In 2014, Drug/Alcohol-Related Hospitalizations in Chautauqua County had a total cost of over \$3.6 million, for 361 Patients staying for 3,950 total days.^{vii}
- Among adults, 27.8% of adults smoke cigarettes, significantly higher than the New York State-wide rate of 15.9% of adults. The percentage of adults in Chautauqua County who report binge drinking in the past month is 11.9%, lower than the statewide rate of 17.7%.^{viii}



Mental Health

- In 2014, the age-adjusted percentage of adults who reported poor mental health for 14 or more days in the past month is 16.3%. This is higher than the statewide rate of 11.1%.^{ix}
- The average number of readmissions per patient for Medicaid persons with mental health disorders is 1.44; 24% had more than one readmission.
- Hospitalizations due to mood disorders and schizophrenia and other psychotic disorders (9,239 total days) accounted for over \$12 million in costs in 2014.^x

2014 Mental Health-Related Hospitalization Costs Total of \$13,951,339 and 1769 patients



REFERENCES

ⁱ U.S. Census Bureau, 2010-2014 American Community Survey 5-Year Estimates.

ⁱⁱ U.S. Census Bureau, 2010-2014 American Community Survey 5-Year Estimates.

ⁱⁱⁱ New York State HIV/AIDS County Surveillance Report (Excludes State Prison Inmates) For Cases Diagnosed Through December 2013. Bureau of HIV/AIDS Epidemiology AIDS, AIDS Institute, New York State Department of Health, August 2015.

^{iv} New York State Department of Health, Statewide Planning and Research Cooperative System (SPARCS). APR Major Diagnostic Category (MDC) by APR Diagnosis Related Group (DRG) Report by County for 2014 Inpatient Data. APR DRG = HIV with Major Related Conditions (892) and HIV with Multiple Major Related Conditions (890).

^v New York State HIV/AIDS County Surveillance Report (Excludes State Prison Inmates) For Cases Diagnosed Through December 2013. Bureau of HIV/AIDS Epidemiology AIDS, AIDS Institute, New York State Department of Health, August 2015.

^{vi} U.S. Housing and Urban Development, Continuum of Care Homeless Assistance Program Homeless Population and Subpopulation Report, Point in Time (PIT) counts from January 2015. Published November 2015. Retrieved August 8, 2016 from <https://www.hudexchange.info/resources/documents/2007-2015-PIT-counts-by-CoC.xls>

^{vii} New York State Department of Health, Statewide Planning and Research Cooperative System (SPARCS). APR Major Diagnostic Category (MDC) by APR Diagnosis Related Group Report by County for 2014 Inpatient Data.

^{viii} 2013-2014 NYS Expanded Behavioral Risk Factor Surveillance System (NYS Counties outside NYC); 2013 NYS Behavioral Risk Factor Surveillance System (NYC counties), data as of 2015. <https://www.health.ny.gov/statistics/chac/general/q110.htm>; <https://www.health.ny.gov/statistics/chac/general/q108.htm>.

^{ix} 2013-2014 NYS Expanded Behavioral Risk Factor Surveillance System (NYS Counties outside NYC); 2013 NYS Behavioral Risk Factor Surveillance System (NYC counties), data as of 2015. <https://www.health.ny.gov/statistics/chac/general/g106.htm>

^x New York State Department of Health, Statewide Planning and Research Cooperative System (SPARCS). APR Major Diagnostic Category (MDC) by Clinical Classification (CCS) Diagnosis Category Report by County for 2014 Inpatient Data.

Erie County Community Profile

DEMOGRAPHICSⁱ

Erie County's Total Population is **920,694**.

- Residents in Erie County tend to be older; 22.1% are 60 years or older.
- Almost one-quarter of the population is non-White (12.9% Black, 4.8% Hispanic, 1.8% Multi-Race and 3.5% Other Races).
- 6.5% of residents are foreign-born, and 42.3% (25,258) of those were born in Asia, including a sizable population from Burma (2,360) and Yemen, (1,646). Next, 26.7% (15,938) were born in Europe; 13.7% (8,175) in Latin America (including 3,881 from Caribbean); and 8.9% (5,241) were born in Canada. Africa was the place of birth for 4,963 residents.
- Over 90% of residents speak only English at home. 3.2% speak Spanish at home and 3.9% speak other Indo-European languages.

ECONOMIC INDICATORSⁱⁱ

Indicator	Erie County	NY Statewide Rate
Median Household Income	\$51,050	\$58,687
% living at less than 100% of Federal Poverty Level	14.7%	16.0%
Unemployment Rate	7.9%	8.9%
% receiving Medicaid / means-tested Public Coverage	19.9%	22.5%
% Uninsured	6.4%	10.6%

HIV/AIDS IN ERIE COUNTY

New HIV Infections: Between 2011 and 2013, the average annual number of new HIV diagnoses in Erie County was 98.7. HIV incidence is 10.7 per 100,000 residents.

PLWHA: As of December 31, 2013, there were 2,006 people living with HIV/AIDS in Erie County. HIV prevalence is 218.1 per 100,000 residents.

Deaths: Between 2011 and 2013, the average annual number of deaths among PLWHA was less than 31.3, the majority among men over age 40.

HIV/AIDS Incidence, Prevalence, and Deathsⁱⁱⁱ

	# of New HIV Diagnoses	%	# of PLWHA	%	# Deaths among PLWHA	%
Total	98.7	100.0%	2,006	100.0%	31.3	100.0%
Sex at Birth						
Male	69.3	70.3%	1,360	67.8%	21.0	67.0%
Female	29.3	29.7%	646	32.2%	10.3	33.0%
Age						
12 & under	0.3	0.3%	1	0.1%	0.0	0.0%
13-19	5.0	5.1%	3	0.3%	0.0	0.0%
20-24	14.0	14.2%	21	2.0%	1.0	3.2%
25-29	13.0	13.2%	25	2.4%	0.0	0.0%
30-39	27.3	27.7%	126	12.0%	2.0	6.4%
40-49	24.7	25.0%	339	32.0%	6.7	21.3%

50-59	12.0	12.2%	365	34.7%	13.0	41.5%
60+	2.3	2.4%	172	16.3%	8.7	27.7%

HIV/AIDS Hospitalization Costs^{iv}

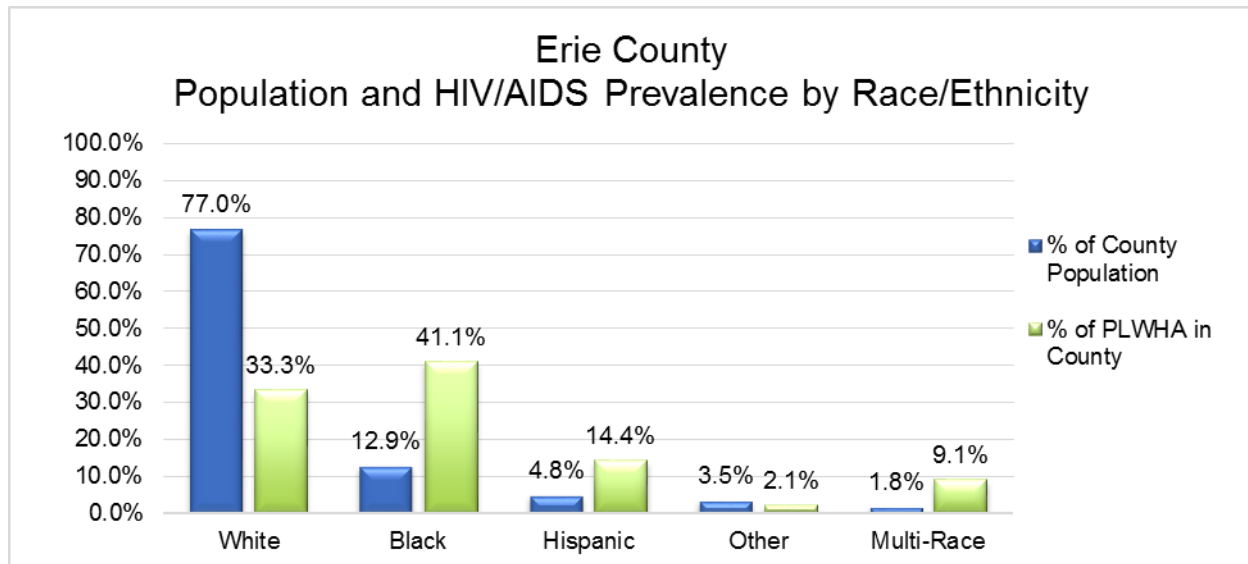
In 2014, a total of \$4,371,791 in costs were incurred by 85 patients admitted for “HIV with Major and Multiple Major Related Conditions.”

- 34 patients were treated for “HIV with Major Related Conditions,” accounting for \$893,847 in hospitalization costs.
- 51 patients were treated for “HIV with Multiple Major Related Conditions,” at a total cost of \$3,477,944.

HIV/AIDS Disparities

HIV and AIDS disproportionately impact non-white individuals in Erie County, especially those who identify as Black (not Hispanic), Multi-Race (not Hispanic), and Hispanic (of any race).

Between 2011 and 2013, 73% of new HIV diagnoses among men had a transmission risk of men who have sex with men (MSM), followed by injection drug users (IDU) and MSM/IDU. Among women, most new diagnoses occurred as the result of heterosexual contact or presumed heterosexual contact.



HIV/AIDS Incidence and Prevalence by Transmission Risk^v

	HIV Diagnoses (2011-13 Annual Average)		Living HIV and AIDS Cases (December 2013)	
Transmission Risk Group – Males				
Total	69.3	100.0%	1,360	100.0%
MSM	50.7	73.2%	894	65.7%
IDU	3.3	4.8%	142	10.4%
MSM/IDU	2.7	3.9%	102	7.5%

	HIV Diagnoses (2011-13 Annual Average)		Living HIV and AIDS Cases (December 2013)	
Heterosexual	3.3	4.8%	124	9.1%
Blood Products	0.0	0.0%	7	0.5%
Pediatric Risk	0.0	0.0%	11	0.8%
Unknown	9.3	13.4%	80	5.9%
Transmission Risk Group – Females				
Total	29.3	100.0%	646	100.0%
IDU	3.3	11.3%	114	17.6%
Heterosexual Contact	18.3	62.5%	445	68.9%
Female Presumed Heterosexual Contact	7.3	24.9%	72	11.1%
Blood Products	0.0	0.0%	0	0.0%
Pediatric Risk	0.3	1.0%	14	2.2%
Unknown	0.0	0.0%	1	0.2%

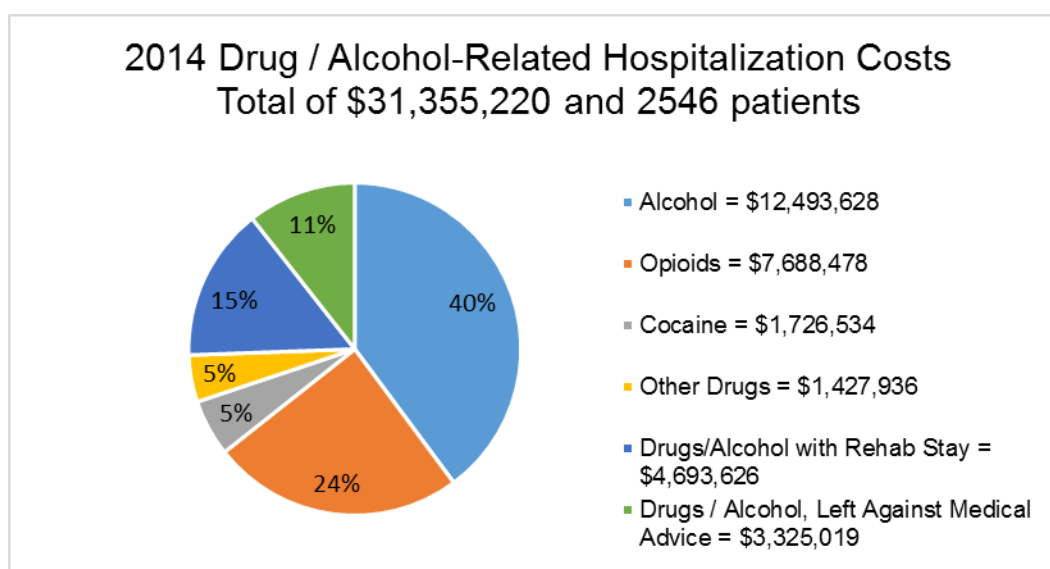
HIV/AIDS RISK FACTORS

Homelessness

- An estimated 5,754 (.62%) persons experienced homeless in 2013.
- Of the homeless individuals, many have behavioral health issues: 29% suffer from mental illness and 25% have a substance use issue.
- The vast majority (81%) of homelessness occurs in Buffalo.

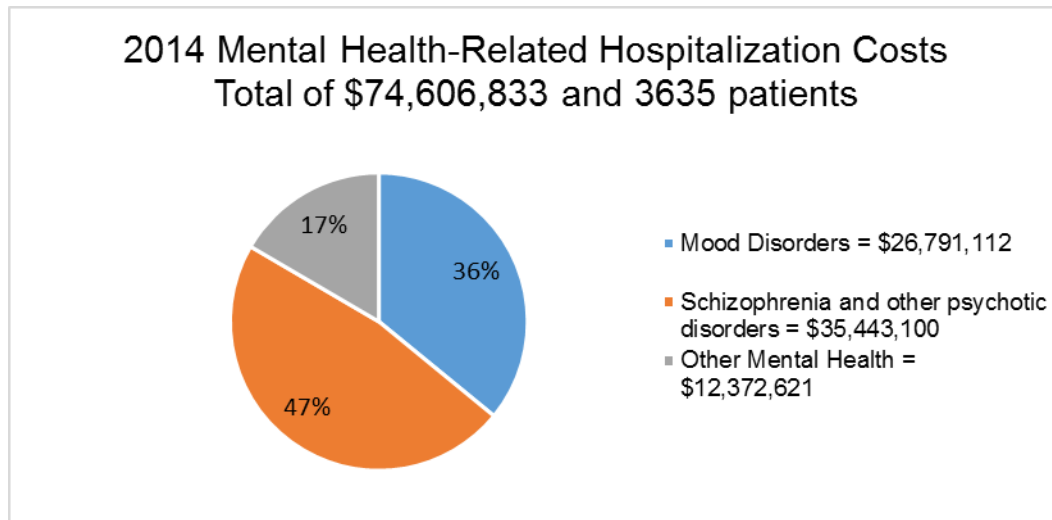
Substance Use

- In 2014, Drug/Alcohol-Related Hospitalizations in Erie County had a total cost of \$31,355,220, for 2,546 Patients staying for 14,676 total days.^{vi}
- Among adults, 19.2% of adults smoke cigarettes, slightly higher than the New York State-wide rate of 15.9% of adults. The percentage of adults in Erie County who report binge drinking in the past month is 19.7%, slightly higher than the statewide rate of 17.7%.^{vii}



Mental Health

- In 2014, the age-adjusted percentage of adults who reported poor mental health for 14 or more days in the past month is 10.8%. This is similar to the statewide rate of 11.1%.^{viii}
- For Medicaid-covered persons with mental health issues, the average number of readmissions per patient is 1.49; 28% had more than one readmission.
- Hospitalizations due to mood disorders and schizophrenia or other psychotic disorders accounted for 2,745 patients, 37,385 hospital days, and over \$62 million in costs in 2014.^{ix}



REFERENCES

ⁱ U.S. Census Bureau, 2010-2014 American Community Survey 5-Year Estimates.

ⁱⁱ U.S. Census Bureau, 2010-2014 American Community Survey 5-Year Estimates.

ⁱⁱⁱ New York State HIV/AIDS County Surveillance Report (Excludes State Prison Inmates) For Cases Diagnosed Through December 2013. Bureau of HIV/AIDS Epidemiology AIDS, AIDS Institute, New York State Department of Health, August 2015.

^{iv} New York State Department of Health, Statewide Planning and Research Cooperative System (SPARCS). APR Major Diagnostic Category (MDC) by APR Diagnosis Related Group (DRG) Report by County for 2014 Inpatient Data. APR DRG = HIV with Major Related Conditions (892) and HIV with Multiple Major Related Conditions (890).

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^{vii} 2013-2014 NYS Expanded Behavioral Risk Factor Surveillance System (NYS Counties outside NYC); 2013 NYS Behavioral Risk Factor Surveillance System (NYC counties), data as of 2015.

<https://www.health.ny.gov/statistics/chac/general/g110.htm>;
<https://www.health.ny.gov/statistics/chac/general/g108.htm>.

viii 2013-2014 NYS Expanded Behavioral Risk Factor Surveillance System (NYS Counties outside NYC); 2013 NYS Behavioral Risk Factor Surveillance System (NYC counties), data as of 2015.
<https://www.health.ny.gov/statistics/chac/general/g106.htm>

ix New York State Department of Health, Statewide Planning and Research Cooperative System (SPARCS). APR Major Diagnostic Category (MDC) by Clinical Classification (CCS) Diagnosis Category Report by County for 2014 Inpatient Data.

Niagara County Community Profile

DEMOGRAPHICSⁱ

Niagara County's Total Population is **214,973**.

- Residents in Niagara County tend to be older; 22.9% are 60 years or older.
- Over 86% of the population is White; 7.1% is Black, 2.4% Hispanic, 1.4% Multi-Race and 2.2% Other Races.
- Only 3.8% of residents are foreign-born.
- Over 96% of residents speak only English at home, and 1.2% speak Spanish at home.

ECONOMIC INDICATORSⁱⁱ

Indicator	Niagara County	NY Statewide Rate
Median Household Income	\$49,091	\$58,687
% living at less than 100% of Federal Poverty Level	13.6%	16.0%
Unemployment Rate	8.1%	8.9%
% receiving Medicaid / means-tested Public Coverage	20.5%	22.5%
% Uninsured	7.2%	10.6%

HIV/AIDS IN NIAGARA COUNTY

New HIV Infections: Between 2011 and 2013, the average annual number of new HIV diagnoses in Niagara County was 11.3 per year. Annual HIV incidence is 5.3 per 100,000 residents.

PLWHA: As of December 31, 2013, there were 199 people living with HIV/AIDS in Niagara County. HIV prevalence is 92.9 per 100,000 residents. This is low compared to New York State's overall prevalence of 666.9 per 100,000 residents.

Deaths: Between 2011 and 2013, the average annual number of deaths among PLWHA was 3.3.

HIV/AIDS Incidence, Prevalence, and Deathsⁱⁱⁱ

	# of New HIV Diagnoses	%	# of PLWHA	%	# Deaths among PLWHA	%
Total	11.3	100.0%	199	100.0%	3.3	100.0%
Sex at Birth						
Male	9.3	82.3%	137	68.8%	2.7	81.8%
Female	2.0	17.7%	62	31.2%	0.7	21.2%
Age						
12 & under	0.0	0.0%	0	0.0%	0.0	0.0%
13-19	1.0	8.8%	2	1.0%	0.0	0.0%
20-24	1.7	15.0%	9	4.5%	0.0	0.0%
25-29	1.7	15.0%	19	9.5%	0.0	0.0%
30-39	2.7	23.9%	27	13.6%	0.0	0.0%
40-49	2.3	20.4%	56	28.1%	1.0	30.3%
50-59	1.7	15.0%	60	30.2%	2.0	60.6%
60+	0.3	2.7%	26	13.1%	0.3	9.1%

HIV/AIDS Hospitalization Costs^{iv}

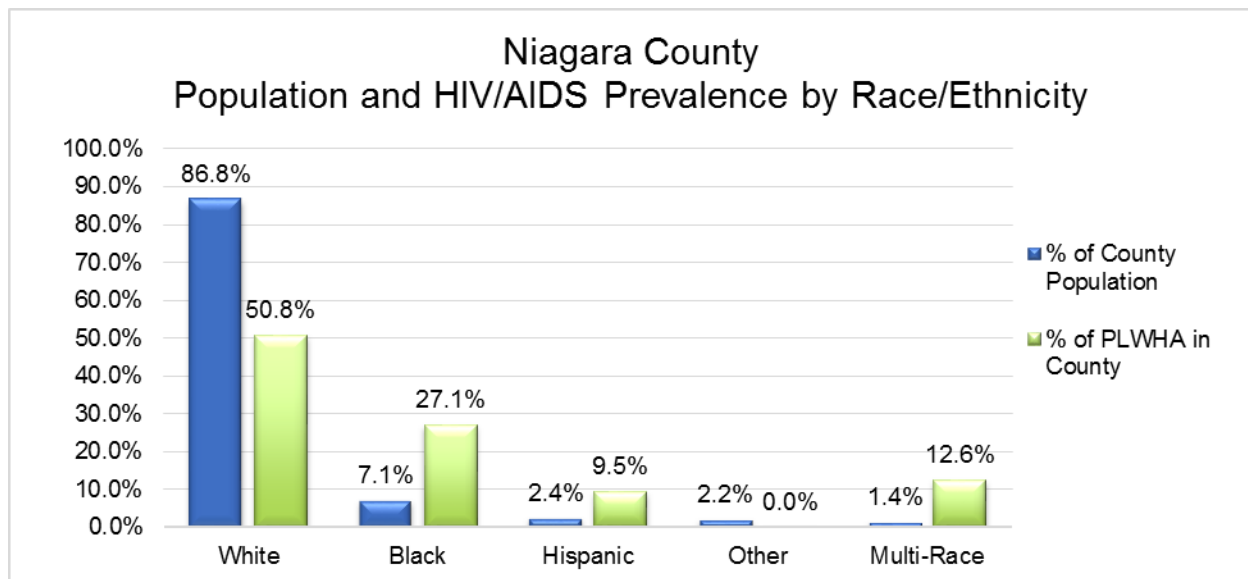
In 2014, a total of \$99,941 in costs were incurred by five patients admitted for “HIV with Major and Multiple Major Related Conditions.”

- Two patients were treated for “HIV with Major Related Conditions,” accounting for \$32,190 in hospitalization costs.
- Three patients were treated for “HIV with Multiple Major Related Conditions,” at a cost of \$67,751.

HIV/AIDS Disparities

HIV and AIDS disproportionately impact non-white individuals in Niagara County, especially those who identify as Black (not Hispanic), Multi-Race (not Hispanic), and Hispanic (of any race).

From 2011 through 2013, 61.3% of the total 28 new HIV diagnoses among males had a transmission risk of men who have sex with men (MSM). Among females during those three years, 100% of the six new diagnoses occurred as the result of heterosexual contact or presumed heterosexual contact.



HIV/AIDS Incidence and Prevalence by Transmission Risk^v

	HIV Diagnoses (2011-13 Annual Average)		Living HIV and AIDS Cases (December 2013)	
<i>Transmission Risk Group – Males</i>				
Total	9.3	100.0%	137	100.0%
MSM	5.7	61.3%	85	62.0%
IDU	0.0	0.0%	19	13.9%
MSM/IDU	2.0	21.5%	17	12.4%
Heterosexual	0.7	7.5%	5	3.6%
Blood Products	0.0	0.0%	0	0.0%
Pediatric Risk	0.0	0.0%	1	0.7%
Unknown	1.0	10.8%	10	7.3%

	HIV Diagnoses (2011-13 Annual Average)		Living HIV and AIDS Cases (December 2013)	
<i>Transmission Risk Group – Females</i>				
Total	2.0	100.0%	62	100.0%
IDU	0.0	0.0%	11	17.7%
Heterosexual Contact	1.0	50.0%	38	61.3%
Female Presumed Heterosexual Contact	1.0	50.0%	11	17.7%
Blood Products	0.0	0.0%	0	0.0%
Pediatric Risk	0.0	0.0%	2	3.2%
Unknown	0.0	0.0%	0	0.0%

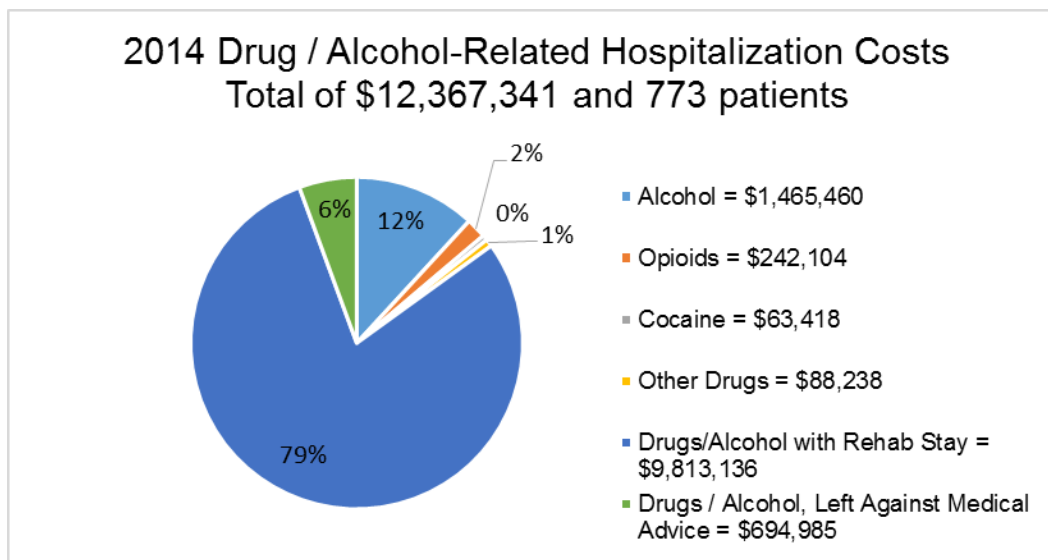
HIV/AIDS RISK FACTORS

Homelessness^{vi}

- An estimated 1,888 (.87%) persons in Niagara County experienced homelessness in 2013.
- Many had behavioral health issues: 29% suffered from mental illness and 30% had substance use issues.

Substance Use

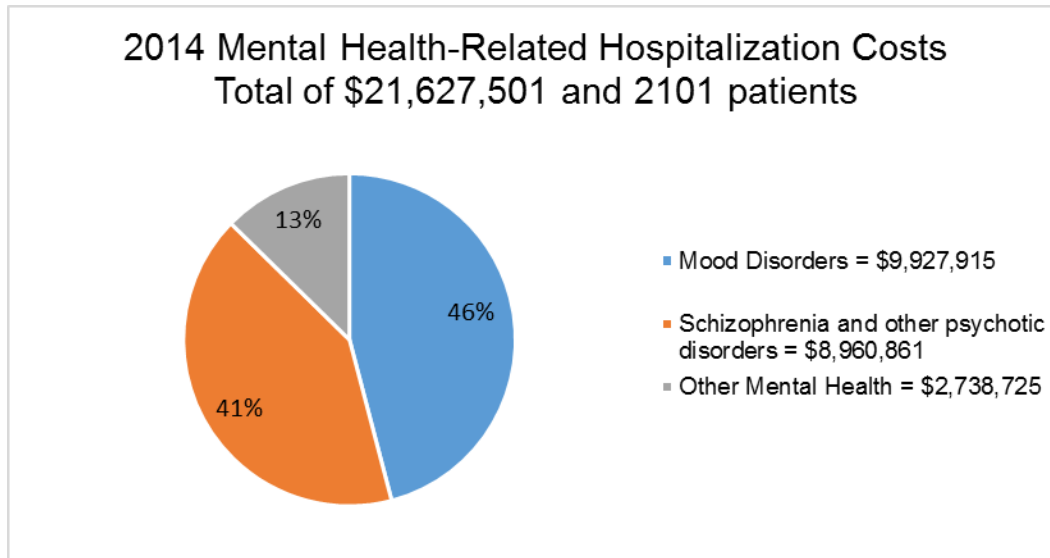
- In 2014, Drug/Alcohol-Related Hospitalizations in Niagara County had a total cost of over \$12.3 million, for 773 patients staying for 12,879 total days.^{vii}
- Among adults, 21.7% of adults smoke cigarettes, higher than the New York State-wide rate of 15.9% of adults. The percentage of adults in Niagara County who report binge drinking in the past month is 18.7%, similar to the statewide rate of 17.7%.^{viii}



Mental Health

- In 2014, the age-adjusted percentage of adults who reported poor mental health for 14 or more days in the past month is 13.7% - slightly higher than the statewide rate of 11.1%.^{ix}
- For Medicaid-covered persons with mental health issues, the average number of readmissions per patient is 1.60; 32% had greater than one readmission.

- Hospitalizations due to mood disorders and schizophrenia or other psychotic disorders accounted for 1,628 patients, 14,245 hospital days, and almost \$18.9 million in costs in 2014. Another \$2.7 million was incurred by other mental health disorders.^x



REFERENCES

- ⁱ U.S. Census Bureau, 2010-2014 American Community Survey 5-Year Estimates.
- ⁱⁱ U.S. Census Bureau, 2010-2014 American Community Survey 5-Year Estimates.
- ⁱⁱⁱ New York State HIV/AIDS County Surveillance Report (Excludes State Prison Inmates) For Cases Diagnosed Through December 2013. Bureau of HIV/AIDS Epidemiology AIDS, AIDS Institute, New York State Department of Health, August 2015.
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- ^v New York State HIV/AIDS County Surveillance Report (Excludes State Prison Inmates) For Cases Diagnosed Through December 2013. Bureau of HIV/AIDS Epidemiology AIDS, AIDS Institute, New York State Department of Health, August 2015.
- ^{vi} Annual Report on the State of Homelessness in the Erie-Niagara Metropolitan Area. Prepared by the Homeless Alliance of Western New York, 2014.
- ^{vii} New York State Department of Health, Statewide Planning and Research Cooperative System (SPARCS). APR Major Diagnostic Category (MDC) by APR Diagnosis Related Group Report by County for 2014 Inpatient Data.
- ^{viii} 2013-2014 NYS Expanded Behavioral Risk Factor Surveillance System (NYS Counties outside NYC); 2013 NYS Behavioral Risk Factor Surveillance System (NYC counties), data as of 2015.
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