

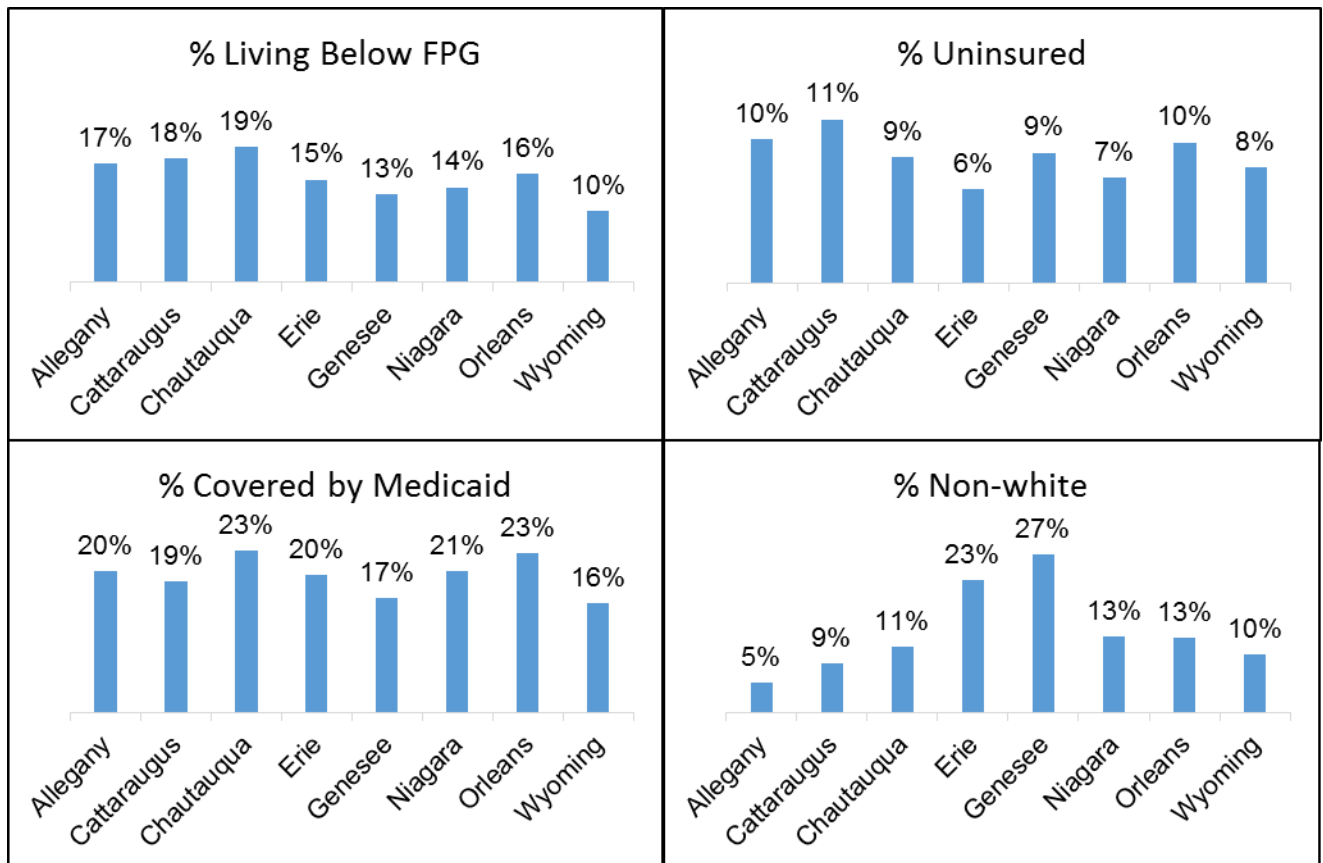
Millennium Collaborative Care PPS Community Profile

Counties served: Allegany, Cattaraugus, Chautauqua, Erie, Genesee, Niagara, Orleans, and Wyoming

DEMOGRAPHICS ¹

Millennium Collaborative Care (MCC) PPS's total population is **1,540,880**. The largest urban center is the city of Buffalo (Erie County), with city population of 258,959.

- Residents in these counties tend to be older; in all eight counties, almost 45% are 45 years or older.
- All eight counties are predominantly (over 70%) White. Only two counties – Genesee and Erie—have a non-white population racial/ethnic group that comprises over 10% of the total population.
- Erie County has the highest percent of foreign-born residents (6.5%). In Erie County, 42.3% of foreign-born residents were born in Asia, and 26.7% were born in Europe.
- Over 90% of residents in all eight counties speak English at home. The 3.2% of residents who speak Spanish are predominantly of Puerto Rican or Mexican origins; 3.9% of residents speak other Indo-European languages.
- Chautauqua County has the highest percent (19.4%) of residents living below Federal Poverty Guidelines (FPG), while Wyoming County (10.2%) has the lowest percentage.



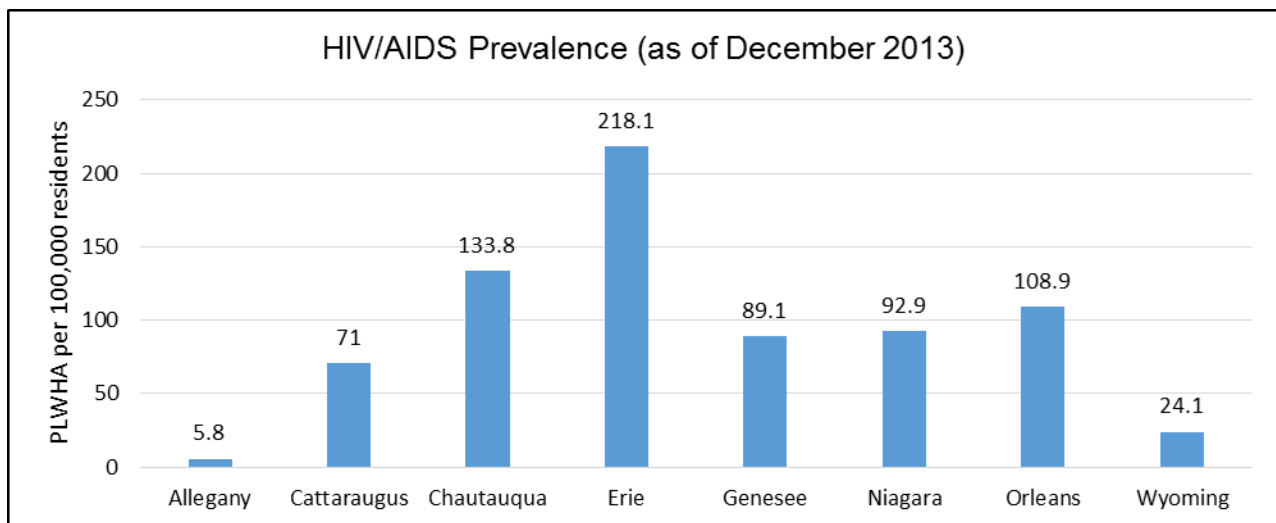
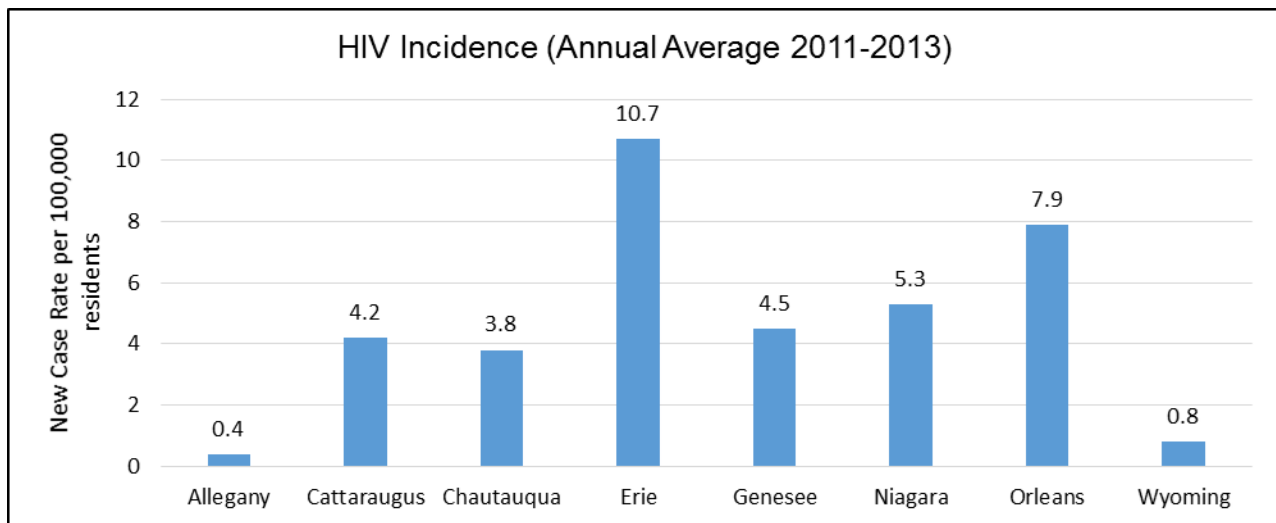
HIV/AIDS ^{2 3}

New HIV infections: Between 2011 and 2013, there were a total of 380 new HIV infections in the PPS's eight counties. Most of these infections were in Erie County (78%) and Niagara County (9%), corresponding to the counties with the three highest HIV infection rates (2011-2013). All the other counties had 5 or less new HIV infections between 2011 and 2013.

PLWHA: As of December 31, 2013, there were 2,576 people living with HIV/AIDS in the PPS's eight counties, with the highest rates in Erie and Chautauqua counties.

Deaths: Between 2011 and 2013, there were a total of 119 AIDS-related deaths, 89% of which were in Erie County.

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

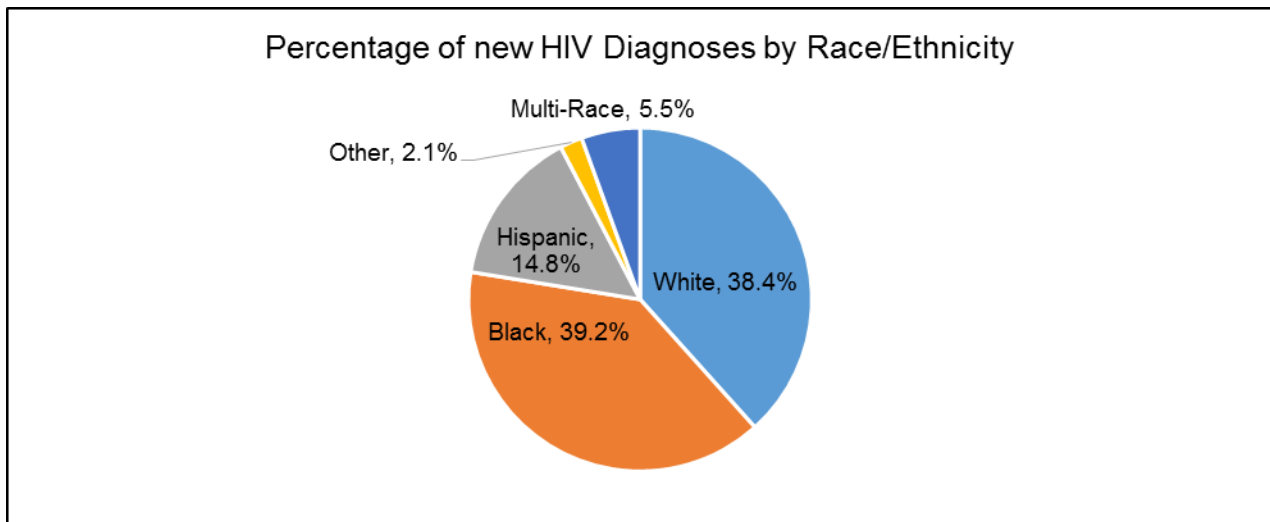
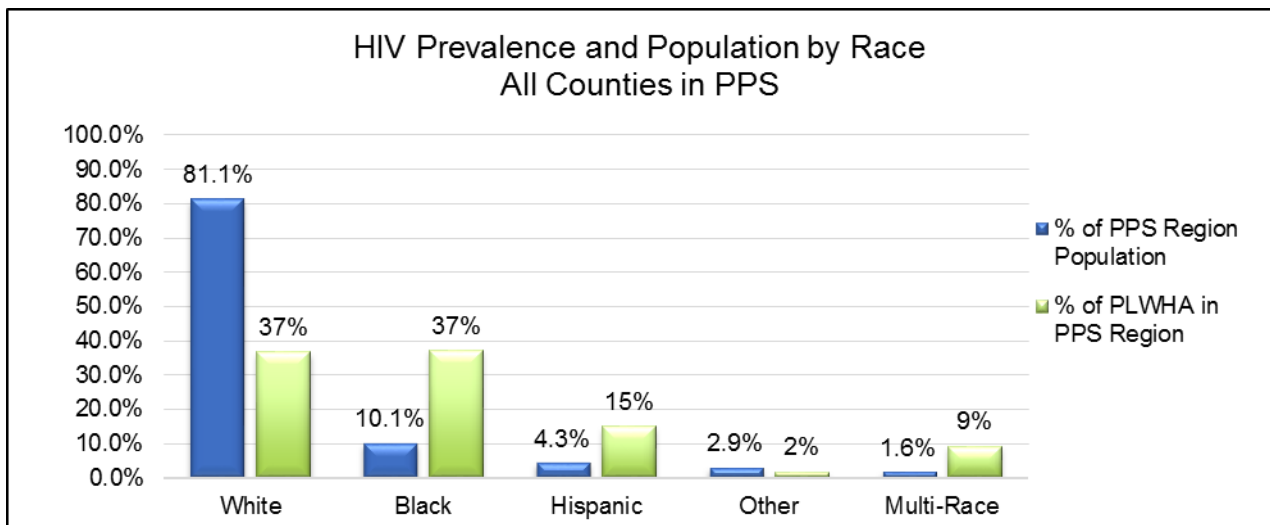


HIV DISPARITIES ^{1 2}

HIV and AIDS disproportionately impact African Americans and Hispanics across all eight of the PPS's counties; HIV infection and prevalence rates among these groups are 6-8 times higher than among Whites.

Despite African Americans making up only 5.5% of the counties' total population, this minority group accounted for 40% of new HIV infections between 2011 and 2013. Similarly, Hispanics make up only 3.1% of the population but account for 12.3 % of the new diagnoses.

MSM was the greatest risk transmission (54%) for new HIV diagnoses across the counties, followed by heterosexual sexual activity (16%).

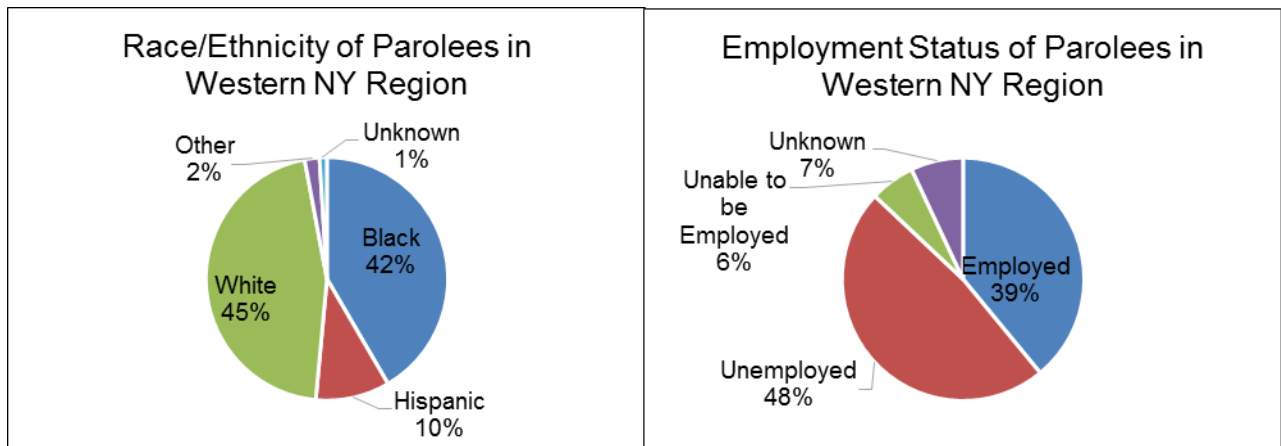


Homelessness

- The Millennium Collaborative Care PPS spans four HUD Continuum of Care (CoC) regions (NY-501, NY-504, NY-508, and NY-514), which are comprised of Steuben, Allegany, Livingston, Chemung, Schuyler, Cattaraugus, Erie, Niagara, Orleans, Genesee, Wyoming, and Chautauqua Counties.
 - In this region in January 2015, a total of **1,637 individuals were homeless**. Of these, 1,405 were sheltered and 232 were unsheltered.
 - Thirty-nine percent – 633 individuals – were members of homeless families.
 - The number of **homeless unaccompanied youth (under age 25) was 156**.

Parolees in the Region

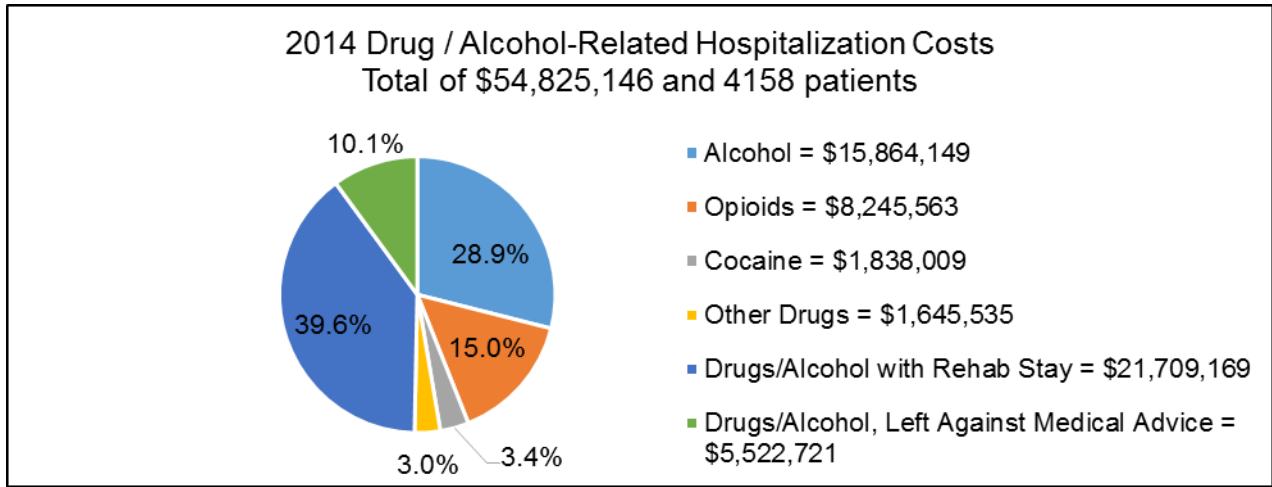
- As of December 2015, **5,776 parolees reside** in the Western New York region.
- **Counties included in the Western New York region:** Allegany, Broome, Cattaraugus, Chautauqua, Chemung, Delaware, Erie, Genesee, Livingston, Monroe, Niagara, Ontario, Orleans, Schuyler, Steuben, Tioga, Tompkins, Wayne,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



Substance Use

- Almost 22% of adults in the PPS smoke cigarettes, a rate higher than the statewide rate of 15.9%. Cattaraugus County has the highest rate of smokers (31.5% of adults).
- One in five of adults reported binge drinking in the last month, ranging from 12% in Chautauqua County to 21% in Cattaraugus and Wyoming counties. This is higher than the statewide rate of 17.7%.
- The eight counties in the Millennium PPS incurred **total drug/alcohol-related hospitalization costs** of over **\$54.8 million in 2014, serving 4,158 patients**.
 - Erie County accounted for the vast majority of costs; in 2014 the county served 2,546 patients and incurred \$31.3 million in drug/alcohol-related hospitalization costs. The second highest total was \$12.4 million in Niagara County, which served 773 patients.
 - Despite the fact that Genesee County makes up only 4% of the PPS’s total population, it accounts for 12% of the total drug/alcohol-related hospitalization costs.

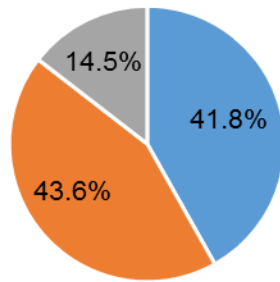
- PPS-wide, the majority of costs (\$21.7 million) were incurred by the total 1,071 patients admitted for “Drug or Alcohol Dependence with Rehab or Detox Therapy.”



Mental Health

- Average Age-adjusted Percentage of Adults with Poor Mental Health for 14 days or more Days in the Past Month: 11.8%
- Average Number of Readmissions/Patient for Medicaid persons with mental health issues in each county is 1.4; 21.5% have greater than 1 readmission.
- Hospitalizations due to mood disorders and schizophrenia/other psychotic disorders (69,702 total days) accounted for over \$101.85 million in 2014, accounting for 82% of all mental health-related hospitalizations.
 - Erie County accounted for 63% of mental health hospitalization costs in the PPS, serving 3,635 patients at a cost of \$74.6 million. The second highest total was in Niagara County, which served 2,101 patients at a cost of \$21.6 million.
 - Orleans, Genesee, and Allegany County each served fewer than 10 mental health patients in 2014; each county incurred hospitalization costs of under \$150,000.

2014 Mental Health-Related Hospitalization Costs
Total of \$118,530,975 and 8667 patients



- Mood Disorders = \$49,601,633
- Schizophrenia and other psychotic disorders = \$51,719,447
- Other Mental Health = \$17,209,895

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 Millennium 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/>

Allegany County Community Profile

DEMOGRAPHICSⁱ

Allegany County's Total Population is **48,387**.

- Residents in Allegany County tend to be older; almost half (43%) are 45 years or older.
- The population is predominantly White (94.9%).
- Only 2.1% of residents are foreign-born. Of these, 47.4% (479) were born in Asia.
- Over 94% of residents speak only English at home. 1.7% speak Spanish and have predominantly Puerto Rican or Mexican origin; 2.7% speak other Indo-European languages.

ECONOMIC INDICATORSⁱⁱ

Indicator	Allegany County	NY Statewide Rate
Median Household Income	\$52,272	\$58,687
% living at less than 100% of Federal Poverty Level	17.0%	16.0%
Unemployment Rate	9.7%	8.9%
% receiving Medicaid / means-tested Public Coverage	20.4%	22.5%
% Uninsured	9.8%	10.6%

HIV/AIDS IN ALLEGANY COUNTY

New HIV Infections: Between 2011 and 2013, the average annual number of new HIV diagnoses in Allegany County was 2.

PLWHA: As of December 31, 2013, there were 28 people living with HIV/AIDS in Allegany County.

Deaths: Between 2011 and 2013, the average annual number of deaths among PLWHA was less than 1 (0.7).

HIV/AIDS Incidence, Prevalence, and Deathsⁱⁱⁱ

	# of New HIV Diagnoses (Annual Average)	%	# of PLWHA	%	# Deaths among PLWHA (Annual Average)	%
Total	2	100%	28	100%	0.7	100%
Sex at Birth						
Male	2	100%	21	75%	0.7	100%
Female	0	0%	7	25%	0	0%
Age						
20-24	0.7	33.3%	1	3.6%	0.0	0%
25-29	0.3	16.7%	3	10.7%	0.0	0%
30-39	0.7	33.3%	4	14.3%	0.0	0%
40-49	0.0	0%	6	21.4%	0.3	50%
50-59	0.3	16.7%	12	42.9%	0.3	50%
60+	0.0	0%	2	7.1%	0.0	0%

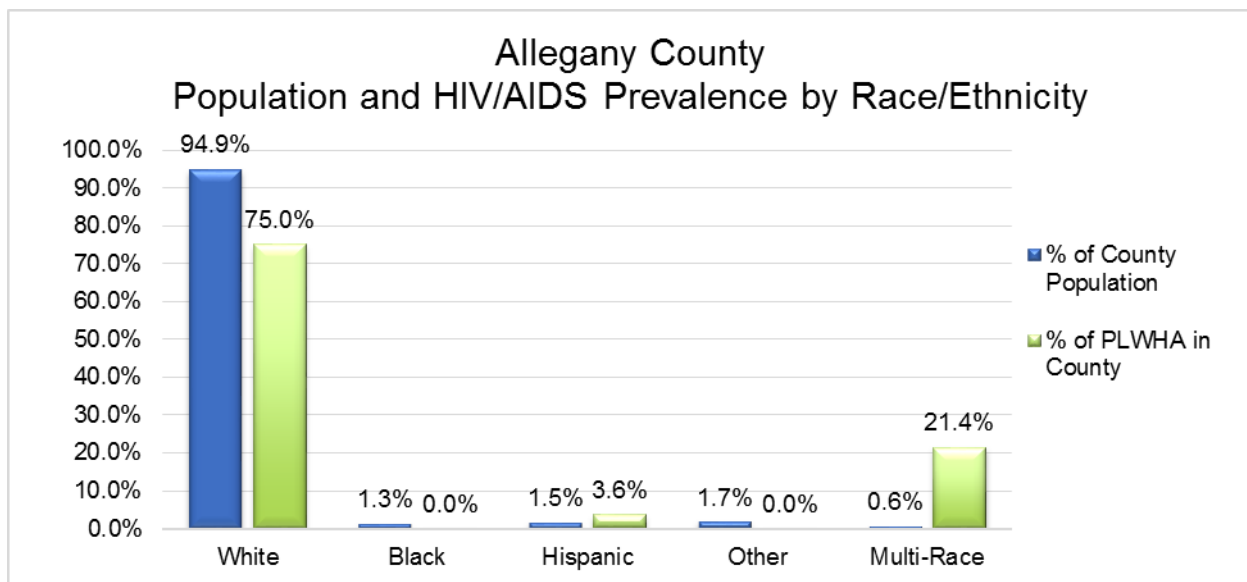
HIV/AIDS Hospitalization Costs^{iv}

In 2014, medical centers in Allegany County reported \$0 in hospitalization costs and 0 patients admitted for “HIV with Major and Multiple Major Related Conditions.”

HIV/AIDS Disparities

HIV and AIDS disproportionately impact non-white individuals in Allegany County, especially those who identify as multi-racial.

In Allegany County, HIV also disproportionately affects men between ages 40-59. Between 2011 and 2013, 100% of new HIV diagnoses were among men who identified as men who have sex with men (MSM). The largest proportion of PLWHA in 2013 were MSM, followed by females whose transmission risk was heterosexual contact.



HIV/AIDS Incidence and Prevalence by Transmission Risk^v

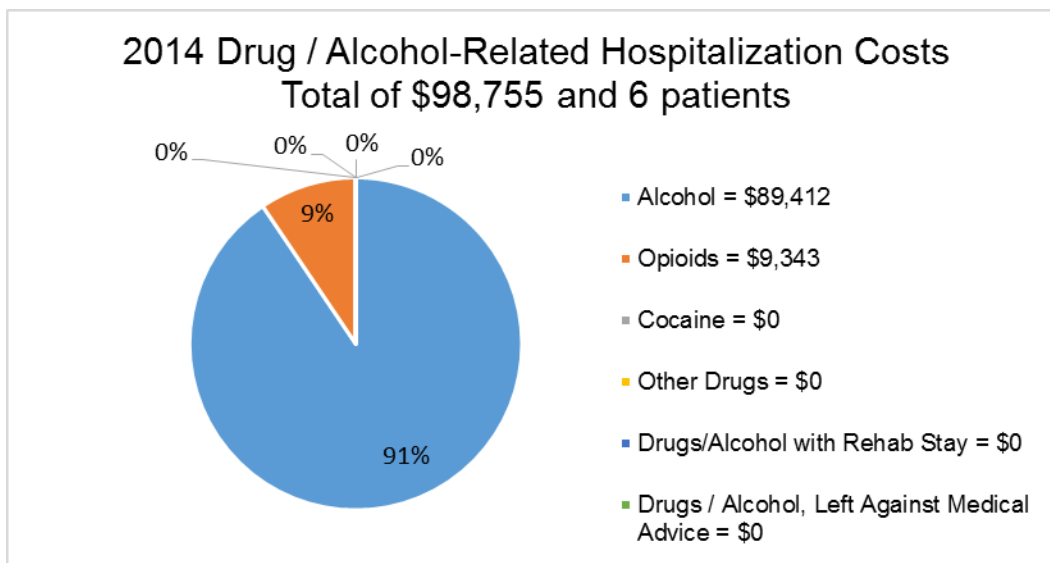
	HIV Diagnoses (2011-13 Annual Average)		Living HIV and AIDS Cases (December 2013)	
Transmission Risk Group – Males				
Total	2	100%	21	100%
MSM	2	100%	16	76.2%
IDU	0	0%	2	9.5%
MSM/IDU	0	0%	1	4.8%
Heterosexual	0	0%	0	0%
Blood Products	0	0%	0	0%
Pediatric Risk	0	0%	0	0%
Unknown	0	0%	2	9.5%
Transmission Risk Group – Females				
Total	0	0%	7	100%
IDU	0	0%	1	14.3%
Heterosexual Contact	0	0%	4	57.1%

	HIV Diagnoses (2011-13 Annual Average)		Living HIV and AIDS Cases (December 2013)	
	Count	Percentage	Count	Percentage
Female Presumed Heterosexual Contact	0	0%	1	14.3%
Blood Products	0	0%	0	0%
Pediatric Risk	0	0%	1	14.3%
Unknown	0	0%	0	0%

HIV/AIDS RISK FACTORS

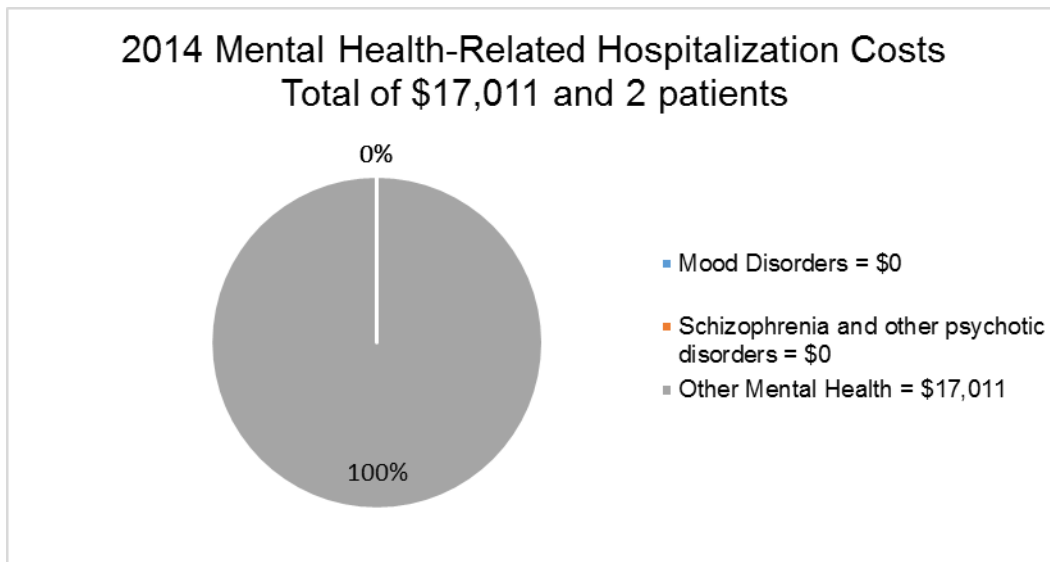
Substance Use

- In 2014, Drug/Alcohol-Related Hospitalizations in Allegany County had a total cost of \$69,508, for 7 Patients staying for 24 total days.^{vi}
- Among adults, 26.8% of adults smoke cigarettes, significantly higher than the New York State-wide rate of 15.9% of adults. The percentage of adults in Allegany County who report binge drinking in the past month is 16.9%, similar to 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 12.3%. 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 1.24; 16% had more than one readmission.
- Only two mental health patients incurred hospitalization costs in 2014. These two patients - admitted for issues other than mood disorders, schizophrenia, or other psychotic disorders - accounted for six hospital days and \$17,011 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).

^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} 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.

^{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.

Cattaraugus County Community Profile

DEMOGRAPHICSⁱ

Cattaraugus County's Total Population is **79,397**.

- Residents in Cattaraugus County tend to be older; median age is 41.3 and 23% of residents are over age 60.
- The population is predominantly White (91.4%).
- Only 1.8% of residents are foreign-born.
- Over 94% of residents speak only English at home. Those who speak Spanish at home are predominantly of Puerto Rican or Mexican origin.

ECONOMIC INDICATORSⁱⁱ

Indicator	Cattaraugus County	NY Statewide Rate
Median Household Income	\$55,277	\$58,687
% living at less than 100% of Federal Poverty Level	17.7%	16.0%
Unemployment Rate	8.9%	8.9%
% receiving Medicaid / means-tested Public Coverage	22.6%	22.5%
% Uninsured	11.2%	10.6%

HIV/AIDS IN CATTARAUGUS COUNTY

New HIV Infections: Between 2011 and 2013, the average annual number of new HIV diagnoses in Cattaraugus County was 3.3.

PLWHA: As of December 31, 2013, 56 people were living with HIV/AIDS in Cattaraugus County.

Deaths: Between 2011 and 2013, the average annual number of deaths among PLWHA was 1.

HIV/AIDS Incidence, Prevalence, and Deathsⁱⁱⁱ

	# of New HIV Diagnoses (Annual Average)	%	# of PLWHA	%	# Deaths among PLWHA (Annual Average)	%
Total	3.3	100%	56	100%	1	100%
Sex at Birth						
Male	2.3	70%	40	71.4%	0.3	33.3%
Female	1.0	30%	16	28.6%	0.7	66.7%
Age						
20-24	0.3	10%	1	1.8%	0.0	0%
25-29	0.3	10%	2	3.6%	0.0	0%
30-39	1.0	30%	10	17.9%	0.0	0%
40-49	1.0	30%	24	42.9%	0.3	33.3%
50-59	0.7	20%	12	21.4%	0.7	66.7%
60+	0.0	0%	7	12.5%	0.0	0%

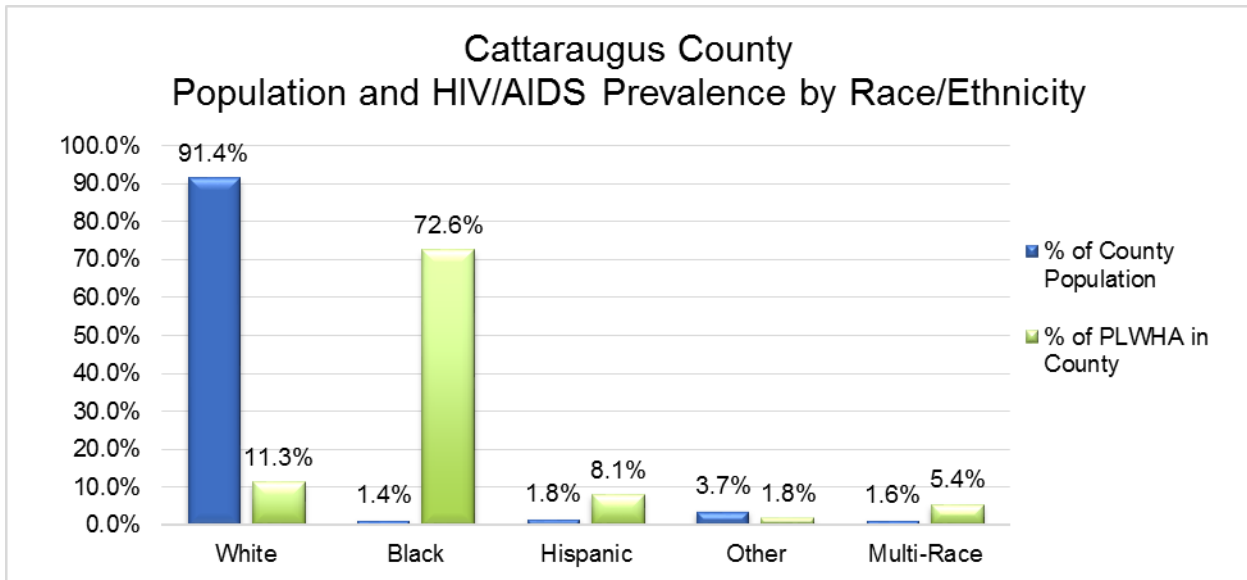
HIV/AIDS Hospitalization Costs^{iv}

In 2014, Cattaraugus County reported \$0 in hospitalization costs and 0 patients admitted for “HIV with Major and Multiple Major Related Conditions.”

HIV/AIDS Disparities

HIV and AIDS disproportionately impact Blacks and Hispanics in Cattaraugus County. Despite Blacks making up only 1.4% of the total population, 72.6% of PLWHA in Cattaraugus County are Black. Similarly, Hispanics make up only 1.8% of the county’s population but account for 8.1% of PLWHA.

In Cattaraugus County, HIV also disproportionately affects men between ages 40-59. The greatest transmission risk factor among all new HIV diagnoses was men who have sex with men (MSM) (85.7%), as well as the greatest risk factor for all male PLWHA, followed by injection drug users (IDU).



HIV/AIDS Incidence and Prevalence by Transmission Risk^v

	HIV Diagnoses (2011-13 Annual Average)		Living HIV and AIDS Cases (December 2013)	
	Incidence	Prevalence	Count	Prevalence
Transmission Risk Group – Males				
Total	2.3	100%	40	100%
MSM	2.0	85.7%	27	67.5%
IDU	0.0	0%	3	7.5%
MSM/IDU	0.0	0%	5	12.5%
Heterosexual	0.0	0%	2	5%
Blood Prod	0.0	0%	1	2.5%
Pediatric Risk	0.3	14.3%	2	5%
Unknown	0.0	0.0%	0	0%
Transmission Risk Group – Females				
Total	1.0	100%	16	28.6%

	HIV Diagnoses (2011-13 Annual Average)		Living HIV and AIDS Cases (December 2013)	
IDU	0.0	0%	0	0%
Heterosexual	0.0	0%	11	68.8%
Fem Presumed Heterosexual Contact	1.0	100%	5	31.3%
Blood Prod	0.0	0%	0	0%
Pediatric Risk	0.0	0%	0	0%
Unknown	0.0	0%	0	0%

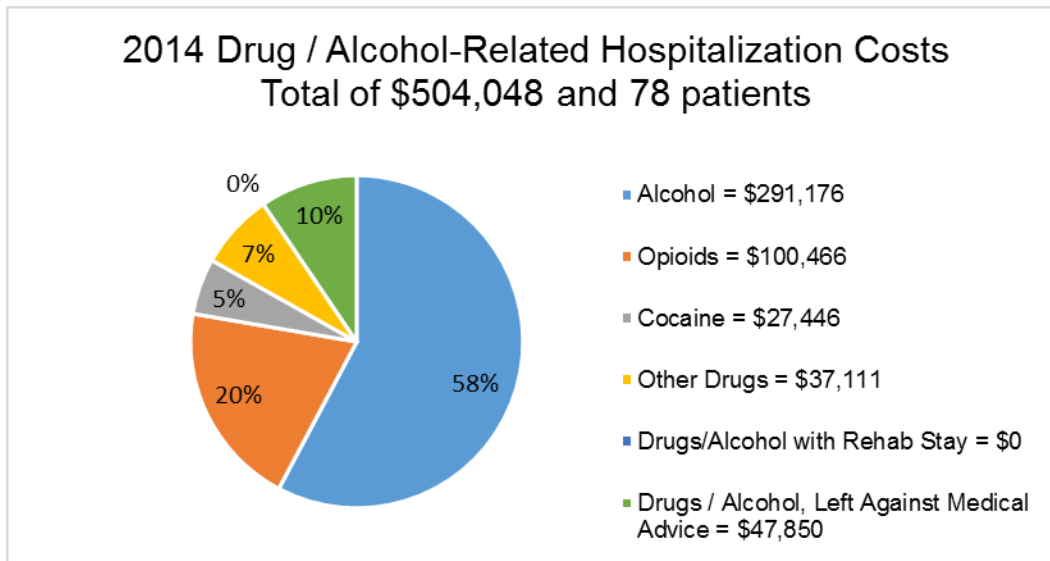
HIV/AIDS RISK FACTORS

Homelessness

- In January 2015, 41 people in Cattaraugus County were homeless, according to the Point in Time count for the Cattaraugus County Continuum of Care (CoC) region (CoC NY-504).^{vi}
 - Of these, all 41 homeless people were sheltered and 0 were unsheltered.
 - Fifty-six percent - 23 individuals - were members of homeless families.
 - The number of homeless unaccompanied youth (under age 25) was 9.

Substance Use

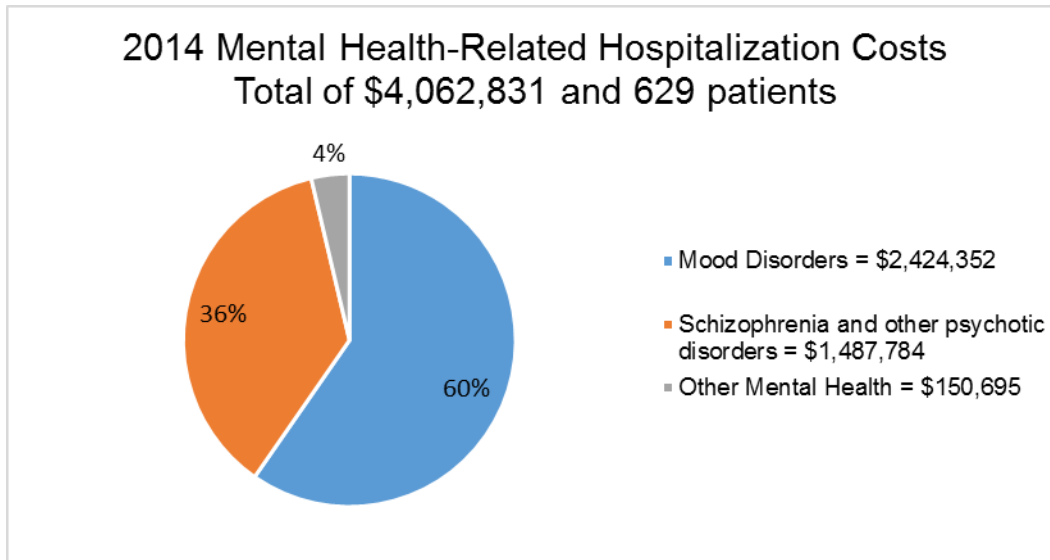
- In 2014, Drug/Alcohol-Related Hospitalizations in Cattaraugus County had a total cost of \$504,048, for 78 Patients staying for 263 total days.^{vii}
- Among adults, 31.5% of adults smoke cigarettes, significantly higher than the New York State-wide rate of 15.9% of adults. The percentage of adults in Cattaraugus County who report binge drinking in the past month is 20.7%, higher than the statewide rate of 17.7%.^{viii}



Mental Health

- In 2014, the age-adjusted percentage of Cattaraugus County adults who reported poor mental health for 14 or more days in the past month is 11.7%. This is similar to the statewide rate of 11.1%.^{ix}
- For Medicaid-covered persons with mental health issues, the average number of readmissions per patient is 1.27; 18% had more than one readmission.

- Hospitalizations due to mood disorders and schizophrenia or other psychotic disorders accounted for almost \$4 million in hospital costs in 2014 (593 patients, 3,533 days).^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.
- ^{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/g110.htm>;
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^{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.

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}

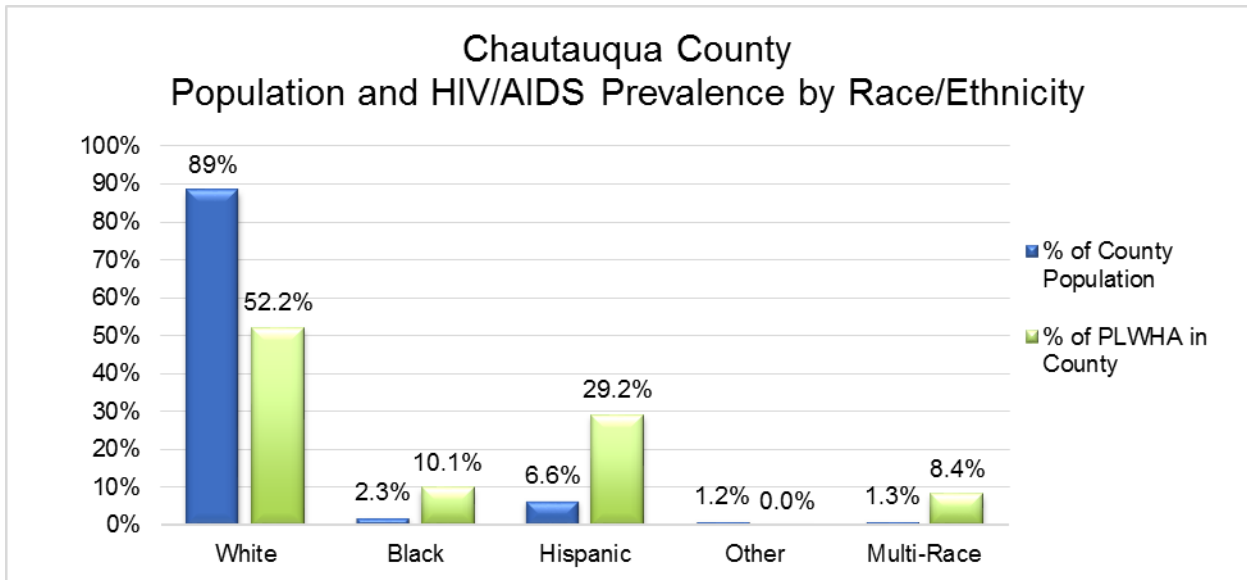
In 2014, a total of \$6,429 in costs were incurred by one patient admitted for “HIV with Major and Multiple Major Related Conditions.”

- 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%

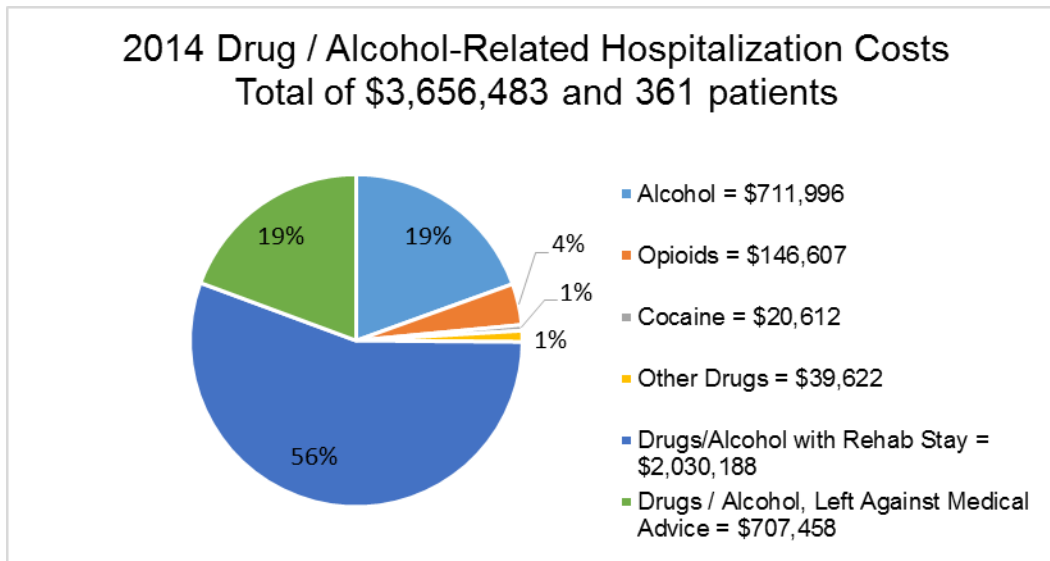
HIV/AIDS RISK FACTORS

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

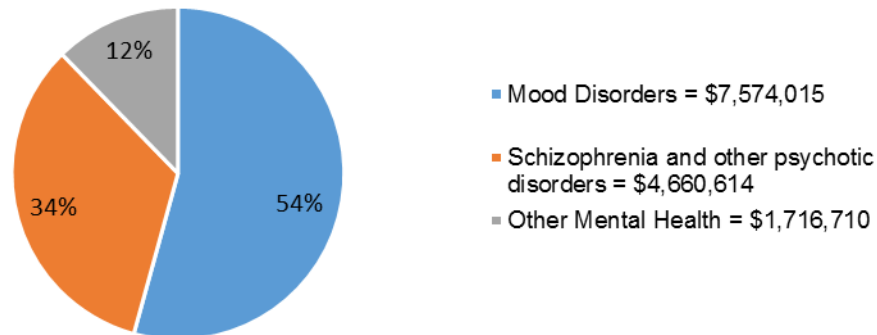
- In 2014, Drug/Alcohol-Related Hospitalizations in Chautauqua County had a total cost of over \$3.6 million, for 361 Patients staying for 3,950 total days.^{vii}
- Among adults, 27.8% of adults smoke cigarettes, significantly higher than the New York State-wide rate of 15.9% of adults. The percentage 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/g110.htm>; <https://www.health.ny.gov/statistics/chac/general/g108.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}

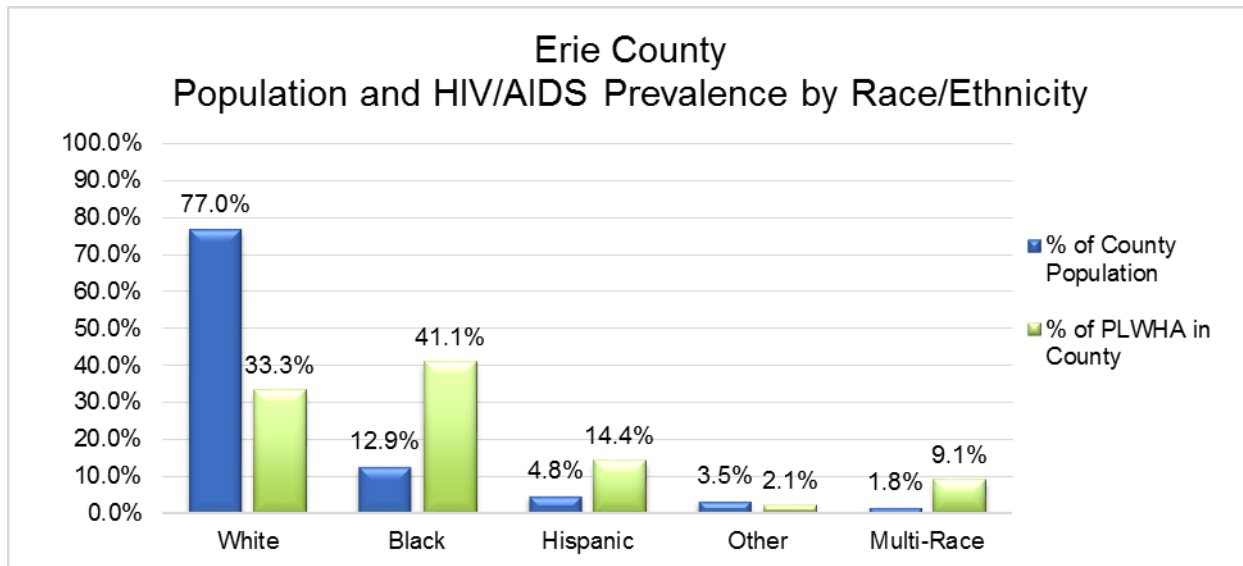
In 2014, a total of \$4,371,791 in costs were incurred by 85 patients admitted for “HIV with Major and Multiple Major Related Conditions.”

- 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%

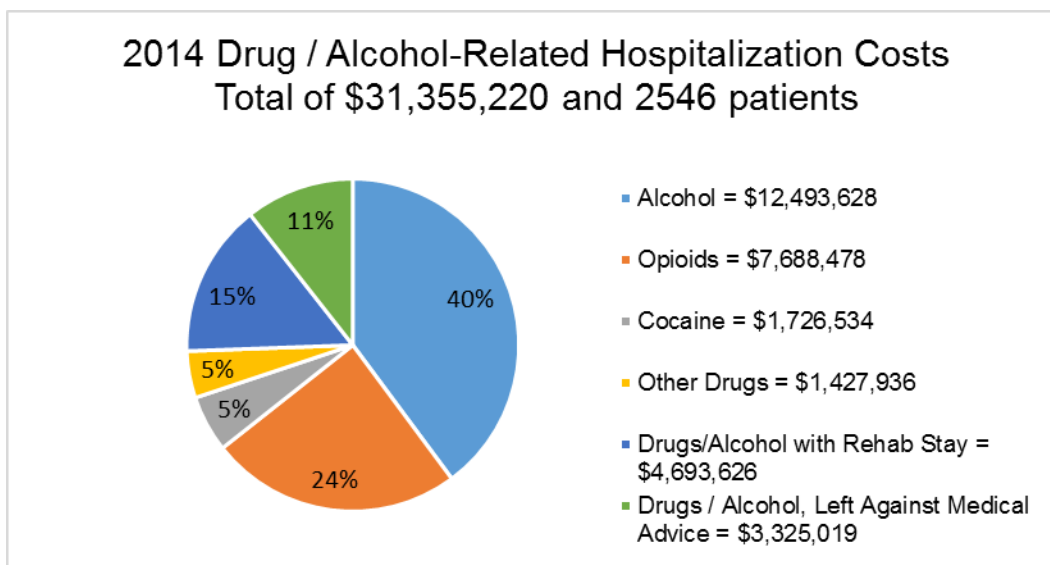
HIV/AIDS RISK FACTORS

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.

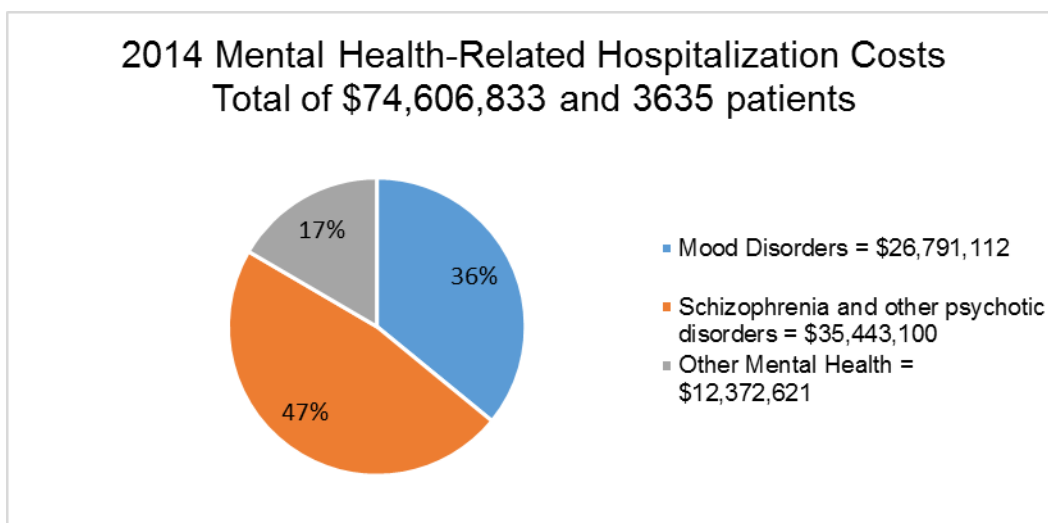
Substance Use

- 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).

^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} 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.

^{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.

Genesee County Community Profile

DEMOGRAPHICSⁱ

Genesee County's Total Population is **59,702**.

- Residents in Genesee County tend to be older; 22.1% are 60 years or older.
- Over one-quarter of the population is non-White; 20.2% is Black, 3.1% Hispanic, 1.6% Multi-Race and 2.5% Other Races.
- Only 2.8% of residents are foreign-born.
- Over 96% of residents speak only English at home, and 2.1% speak Spanish at home.

ECONOMIC INDICATORSⁱⁱ

Indicator	Genesee County	NY Statewide Rate
Median Household Income	\$50,573	\$58,687
% living at less than 100% of Federal Poverty Level	12.6%	16.0%
Unemployment Rate	7.6%	8.9%
% receiving Medicaid / means-tested Public Coverage	16.5%	22.5%
% Uninsured	8.9%	10.6%

HIV/AIDS IN GENESEE COUNTY

New HIV Infections: Between 2011 and 2013, the average annual number of new HIV diagnoses in Genesee County was 2.7 per year. HIV incidence is 4.5 per 100,000 residents.

PLWHA: As of December 31, 2013, there were 53 people living with HIV/AIDS in Genesee County. HIV prevalence is 89.1 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 less than 1 (0.7 per year).

HIV/AIDS Incidence, Prevalence, and Deathsⁱⁱⁱ

	# of New HIV Diagnoses	%	# of PLWHA	%	# Deaths among PLWHA	%
Total	2.7	100.0%	53	100.0%	0.7	100.0%
Sex at Birth						
Male	2.3	88%	43	81.1%	0.3	50.0%
Female	0.3	12.5%	10	18.9%	0.3	50.0%
Age						
12 & under	0.0	0.0%	0	0.0%	0.0	0.0%
13-19	0.0	0.0%	0	0.0%	0.0	0.0%
20-24	0.7	25.0%	2	3.8%	0.0	0.0%
25-29	0.0	0.0%	1	1.9%	0.0	0.0%
30-39	0.3	12.5%	12	22.6%	0.0	0.0%
40-49	1.0	37.5%	11	20.8%	0.7	100.0%
50-59	0.7	25.0%	21	39.6%	0.0	0.0%
60+	0.0	0.0%	6	11.3%	0.0	0.0%

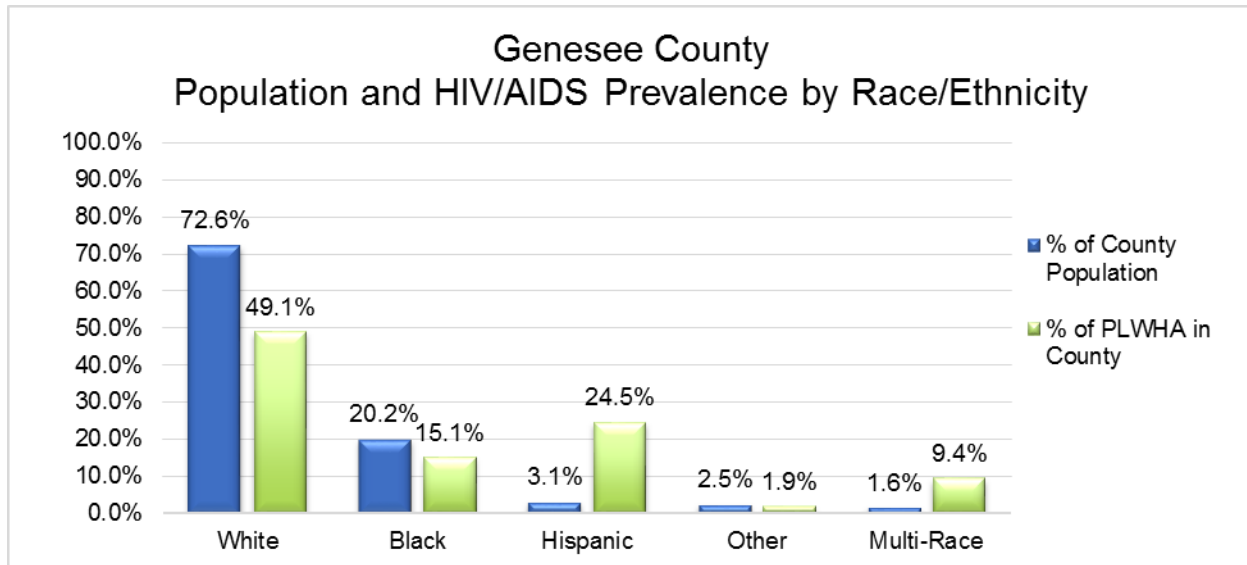
HIV/AIDS Hospitalization Costs^{iv}

In 2014, Genesee County reported \$0 in hospitalization costs and 0 patients admitted for “HIV with Major and Multiple Major Related Conditions.”

HIV/AIDS Disparities

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

Between 2011 and 2013, 42% of the total 8 HIV diagnoses among males had a transmission risk of men who have sex with men (MSM). Among females, the one new diagnoses during those three years occurred as the result of heterosexual contact.



HIV/AIDS Incidence and Prevalence by Transmission Risk^v

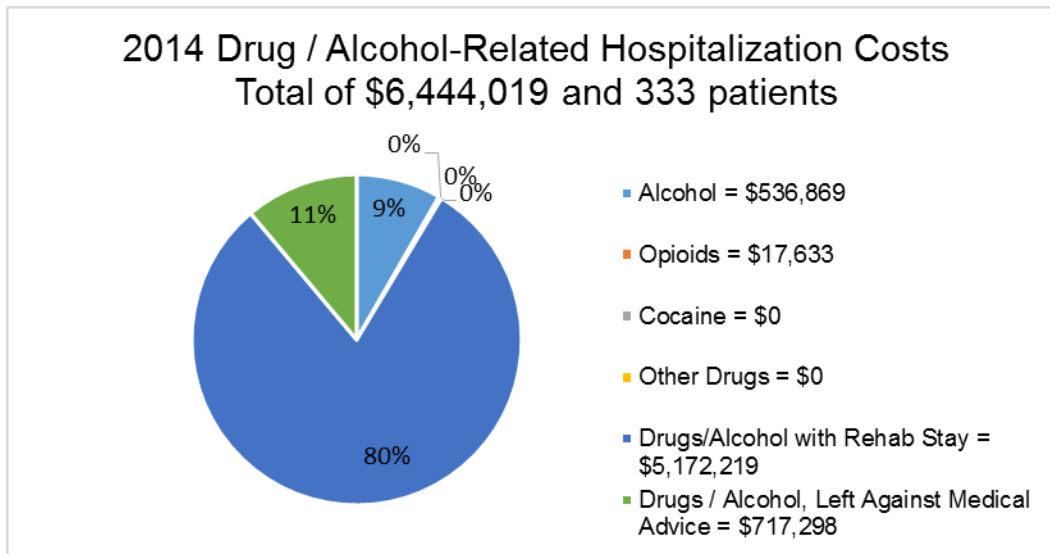
	HIV Diagnoses (2011-13 Annual Average)		Living HIV and AIDS Cases (December 2013)	
Transmission Risk Group – Males				
Total	2.3	100.0%	43	100.0%
MSM	1.0	42.9%	19	44.2%
IDU	0.0	0.0%	9	20.9%
MSM/IDU	0.0	0.0%	3	7.0%
Heterosexual	0.3	14.3%	5	11.6%
Blood Products	0.0	0.0%	0	0.0%
Pediatric Risk	0.0	0.0%	0	0.0%
Unknown	1.0	42.9%	7	16.3%
Transmission Risk Group – Females				
Total	0.3	100.0%	10	100.0%
IDU	0.0	0.0%	2	20.0%
Heterosexual Contact	0.3	100.0%	5	50.0%
Female Presumed Heterosexual Contact	0.0	0.0%	2	20.0%

	HIV Diagnoses (2011-13 Annual Average)		Living HIV and AIDS Cases (December 2013)	
Blood Products	0.0	0.0%	0	0.0%
Pediatric Risk	0.0	0.0%	1	10.0%
Unknown	0.0	0.0%	0	0.0%

HIV/AIDS RISK FACTORS

Substance Use

- In 2014, Drug/Alcohol-Related Hospitalizations in Genesee County had a total cost of over \$6.4 million, for 333 patients staying for 5,522 total days.^{vi}
- Among adults, 27.0% of adults smoke cigarettes, slightly higher than the New York State-wide rate of 15.9% of adults. The percentage of adults in Genesee County who report binge drinking in the past month is 16.9%, similar to 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 9.8% - slightly lower than the statewide rate of 11.1%.^{viii}
- For Medicaid-covered persons with mental health issues, the average number of readmissions per patient is 1.34; 20% had greater than one readmission.
- Hospitalizations due to mood disorders and schizophrenia or other psychotic disorders accounted for only 3 patients, 11 hospital days, and \$39,654 costs in 2014. The majority of costs were incurred by other mental health disorders.^{ix}

2014 Mental Health-Related Hospitalization Costs Total of \$164,855 and 9 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} 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.

^{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}

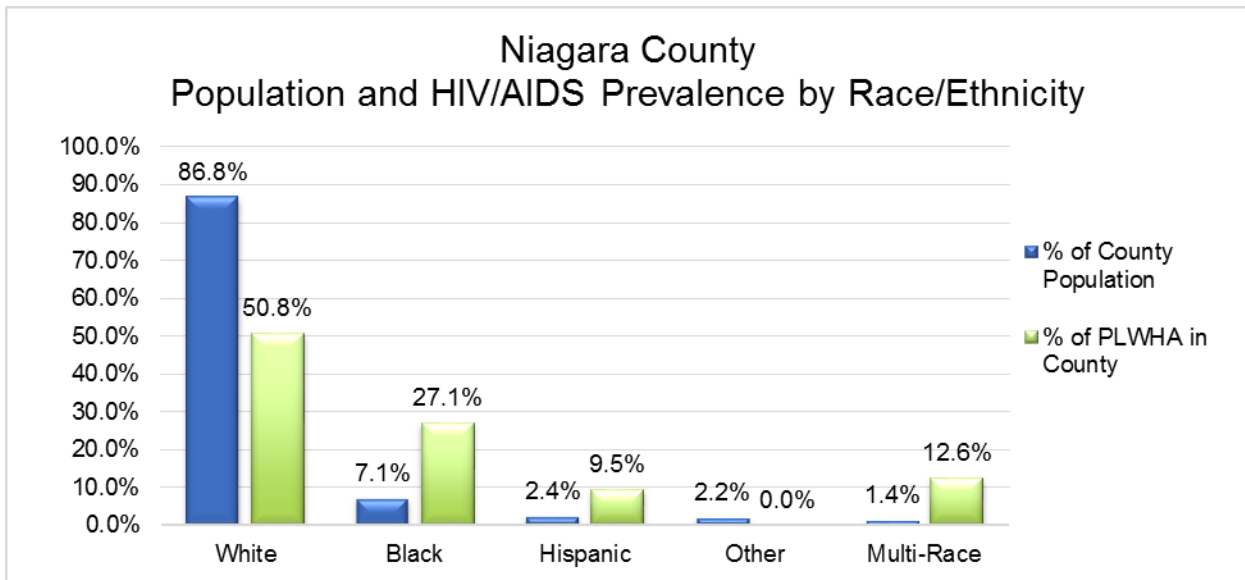
In 2014, a total of \$99,941 in costs were incurred by five patients admitted for “HIV with Major and Multiple Major Related Conditions.”

- 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)	
Transmission Risk Group – Males				
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)	
Transmission Risk Group – Females				
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%

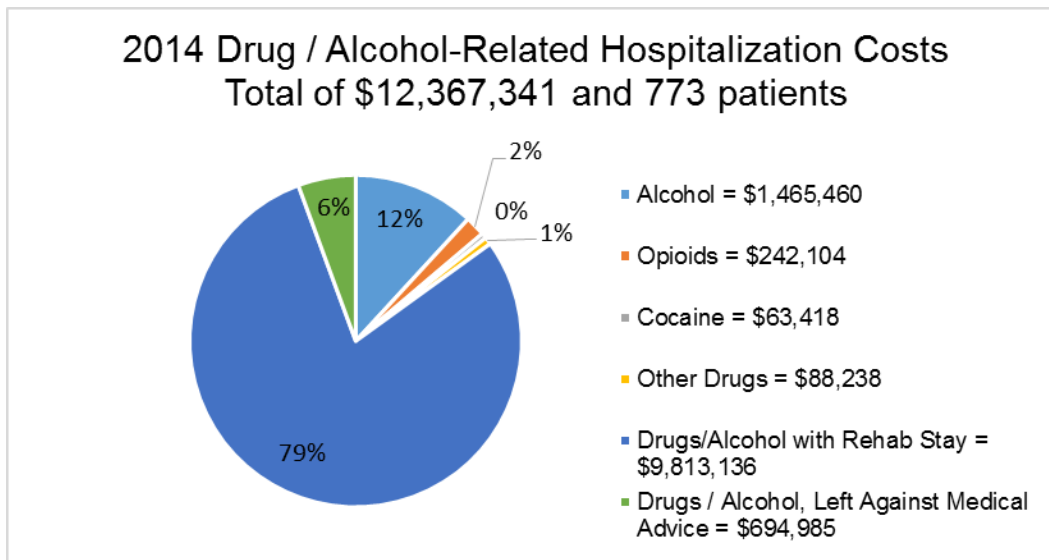
HIV/AIDS RISK FACTORS

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

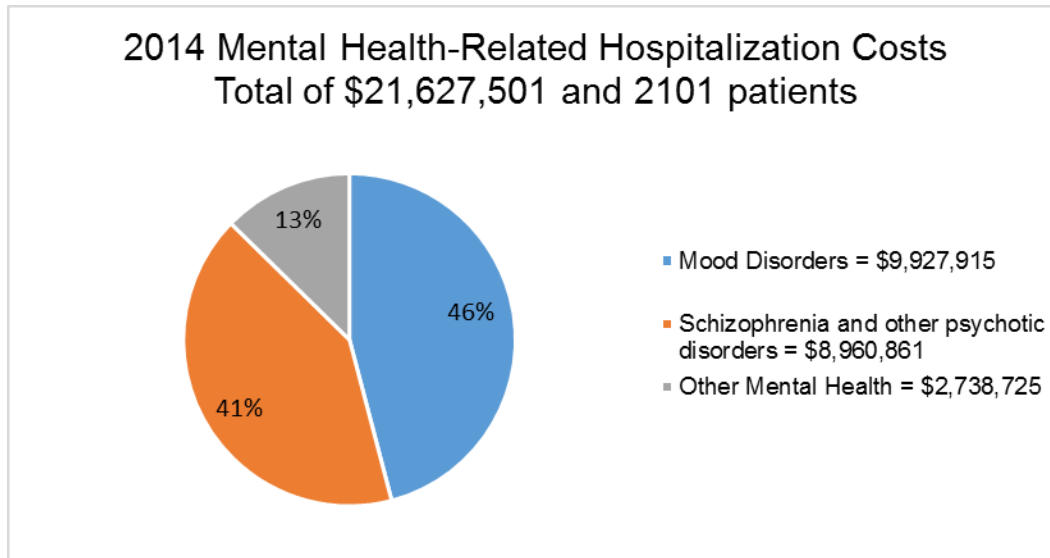
- In 2014, Drug/Alcohol-Related Hospitalizations in Niagara County had a total cost of over \$12.3 million, for 773 patients staying for 12,879 total days.^{vii}
- Among adults, 21.7% of adults smoke cigarettes, higher than the New York State-wide rate of 15.9% of adults. The percentage of adults in 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.
- ^{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} 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. <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.

Orleans County Community Profile

DEMOGRAPHICSⁱ

Orleans County's Total Population is **42,492**.

- Residents in Orleans County tend to be older; 21.3% are 60 years or older.
- 87% of the population is White; 5.7% is Black, 4.3% Hispanic, 1.4% Multi-Race and 1.6% Other Races.
- Only 3.5% of residents are foreign-born.
- 93% of residents speak only English at home, and 3.3% speak Spanish at home.

ECONOMIC INDICATORSⁱⁱ

Indicator	Orleans County	NY Statewide Rate
Median Household Income	\$48,015	\$58,687
% living at less than 100% of Federal Poverty Level	15.5%	16.0%
Unemployment Rate	10.5%	8.9%
% receiving Medicaid / means-tested Public Coverage	23.1%	22.5%
% Uninsured	9.6%	10.6%

HIV/AIDS IN ORLEANS COUNTY

New HIV Infections: Between 2011 and 2013, the average annual number of new HIV diagnoses in Orleans County was 3.3 per year. Annual HIV incidence is 7.9 per 100,000 residents.

PLWHA: As of December 31, 2013, there were 46 people living with HIV/AIDS in Orleans County. HIV prevalence is 108.9 per 100,000 residents. (New York State's overall prevalence is 666.9 per 100,000 residents.)

Deaths: Between 2011 and 2013, the average annual number of deaths among PLWHA was less than 1 (0.7).

HIV/AIDS Incidence, Prevalence, and Deathsⁱⁱⁱ

	# of New HIV Diagnoses	%	# of PLWHA	%	# Deaths among PLWHA	%
Total	3.3	100.0%	46	100.0%	0.7	100.0%
Sex at Birth						
Male	2.7	80.0%	30	65.2%	0.7	100%
Female	0.7	20.0%	16	34.8%	0.0	0.0%
Age						
12 & under	0.0	0.0%	0	0.0%	0.0	0.0%
13-19	0.0	0.0%	1	2.2%	0.0	0.0%
20-24	1.0	30.0%	4	8.7%	0.0	0.0%
25-29	1.0	30.0%	3	6.5%	0.3	50.0%
30-39	0.7	20.0%	9	19.6%	0.0	0.0%
40-49	0.7	20.0%	13	28.3%	0.3	50.0%
50-59	0.0	0.0%	14	30.4%	0.0	0.0%
60+	0.0	0.0%	2	4.3%	0.0	0.0%

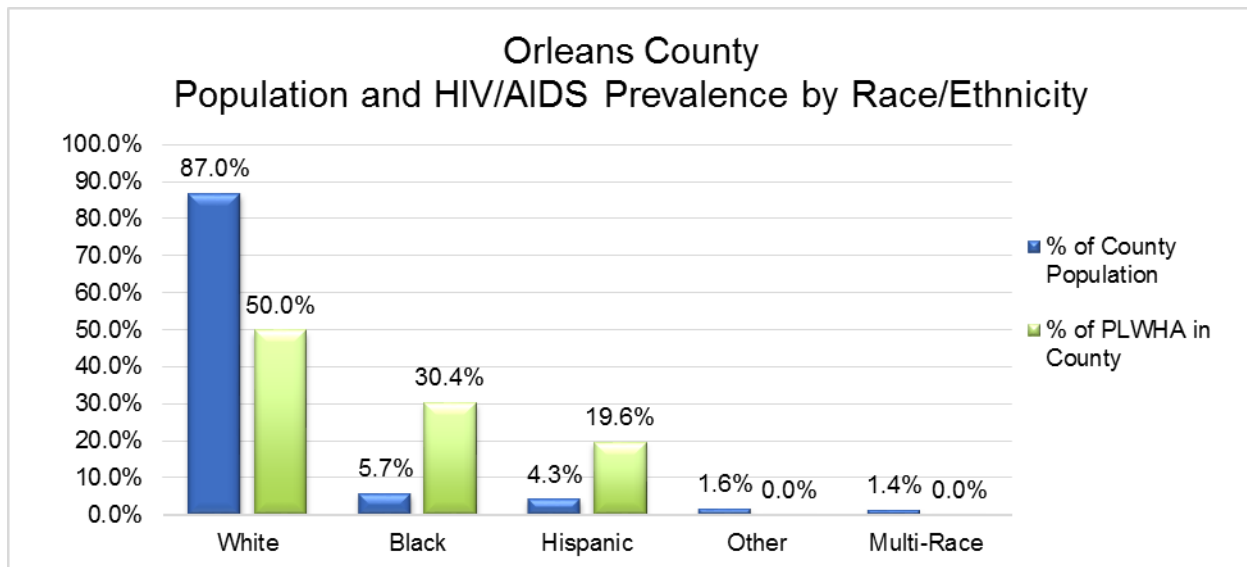
HIV/AIDS Hospitalization Costs^{iv}

In 2014, Orleans County reported \$0 in hospitalization costs and 0 patients admitted for “HIV with Major and Multiple Major Related Conditions.”

HIV/AIDS Disparities

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

From 2011 through 2013, 75% of the total 8 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 two new diagnoses occurred as the result of heterosexual contact or presumed heterosexual contact.



HIV/AIDS Incidence and Prevalence by Transmission Risk^v

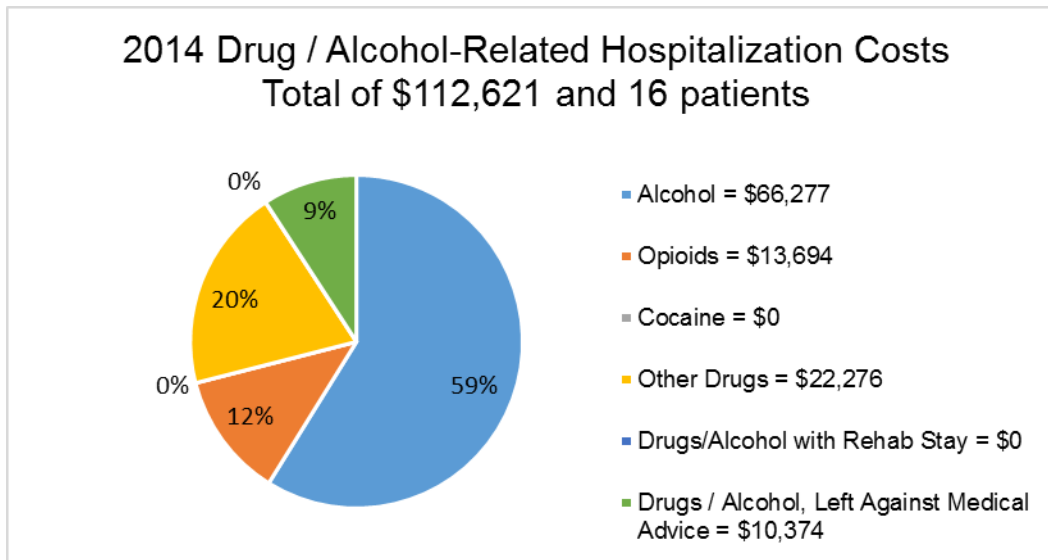
	HIV Diagnoses (2011-13 Annual Average)		Living HIV and AIDS Cases (December 2013)	
Transmission Risk Group – Males				
Total	2.7	100.0%	30	100.0%
MSM	2.0	75.0%	21	70.0%
IDU	0.0	0.0%	3	10.0%
MSM/IDU	0.0	0.0%	2	6.7%
Heterosexual	0.0	0.0%	0	0.0%
Blood Products	0.0	0.0%	0	0.0%
Pediatric Risk	0.0	0.0%	0	0.0%
Unknown	0.7	25.0%	4	13.3%
Transmission Risk Group – Females				
Total	0.7	100.0%	16	100.0%
IDU	0.0	0.0%	2	12.5%
Heterosexual Contact	0.3	50.0%	3	18.8%
Female Presumed Heterosexual Contact	0.3	50.0%	11	68.8%

	HIV Diagnoses (2011-13 Annual Average)		Living HIV and AIDS Cases (December 2013)	
Blood Products	0.0	0.0%	0	0.0%
Pediatric Risk	0.0	0.0%	0	0.0%
Unknown	0.0	0.0%	0	0.0%

HIV/AIDS RISK FACTORS

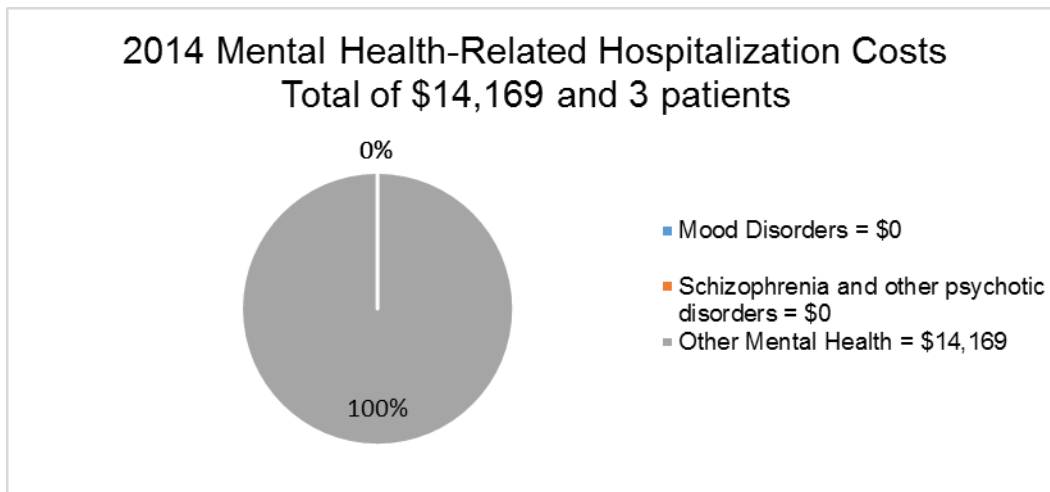
Substance Use

- In 2014, Drug/Alcohol-Related Hospitalizations in Orleans County had a total cost of \$112,621, for 16 patients staying for 51 total days.^{vi}
- Among adults, 27.4% of adults smoke cigarettes, significantly higher than the New York State-wide rate of 15.9% of adults. The percentage of adults in Orleans County who report binge drinking in the past month is 16.7%, similar to 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 17.8% - significantly higher than the statewide rate of 11.1%.^{viii}
- For Medicaid-covered persons with mental health issues, the average number of readmissions per patient is 1.31; 19% had greater than one readmission.
- Hospitalizations due to mood disorders and schizophrenia or other psychotic disorders accounted for zero patients and \$0 hospitalization costs. The only mental health hospitalization costs were incurred by other mental health disorders.^{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).

^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} 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.

^{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.

Wyoming County Community Profile

DEMOGRAPHICSⁱ

Wyoming County's Total Population is **41,679**.

- Residents in Wyoming County tend to be older; 21.1% are 60 years or older.
- 90% of the population is White; 5.5% is Black, 3.1% Hispanic, 0.6% Multi-Race and 0.8% Other Races.
- Only 1.7% of residents are foreign-born.
- 96% of residents speak only English at home, and 2.4% speak Spanish at home.

ECONOMIC INDICATORSⁱⁱ

Indicator	Wyoming County	NY Statewide Rate
Median Household Income	\$53,012	\$58,687
% living at less than 100% of Federal Poverty Level	10.2%	16.0%
Unemployment Rate	7.4%	8.9%
% receiving Medicaid / means-tested Public Coverage	15.8%	22.5%
% Uninsured	7.9%	10.6%

HIV/AIDS IN WYOMING COUNTY

New HIV Infections: Between 2011 and 2013, the average annual number of new HIV diagnoses in Wyoming County was less than 1 (0.3) per year. Annual HIV incidence is 0.8 per 100,000 residents.

PLWHA: As of December 31, 2013, there were 10 people living with HIV/AIDS in Wyoming County. HIV prevalence is 24.1 per 100,000 residents. (New York State's overall prevalence is 666.9 per 100,000 residents.)

Deaths: Between 2011 and 2013, the average annual number of deaths among PLWHA was less than 1 (0.3).

HIV/AIDS Incidence, Prevalence, and Deathsⁱⁱⁱ

	# of New HIV Diagnoses	%	# of PLWHA	%	# Deaths among PLWHA	%
Total	0.3	100.0%	10	100.0%	0.3	100.0%
Sex at Birth						
Male	0.3	100.0%	8	80.0%	0.3	100.0%
Female	0.0	0.0%	2	20.0%	0.0	0.0%
Age						
12 & under	0.0	0.0%	0	0.0%	0.0	0.0%
13-19	0.0	0.0%	2	20.0%	0.0	0.0%
20-24	0.0	0.0%	0	0.0%	0.0	0.0%
25-29	0.0	0.0%	0	0.0%	0.0	0.0%
30-39	0.3	0.0%	2	20.0%	0.0	0.0%
40-49	0.0	0.0%	3	30.0%	0.0	0.0%
50-59	0.0	0.0%	1	10.0%	0.3	100.0%
60+	0.0	0.0%	2	20.0%	0.0	0.0%

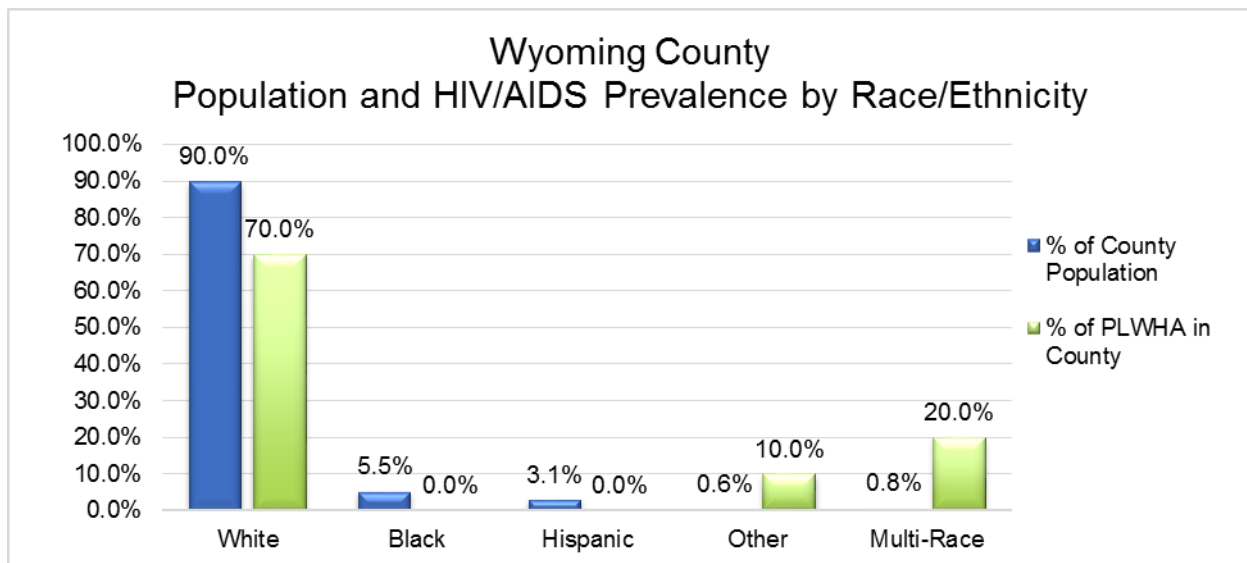
HIV/AIDS Hospitalization Costs^{iv}

In 2014, Wyoming County reported \$0 in hospitalization costs and 0 patients admitted for “HIV with Major and Multiple Major Related Conditions.”

HIV/AIDS Disparities

HIV and AIDS disproportionately impacts non-white individuals in Wyoming County, especially those who identify as Multi-Race (not Hispanic) and Other Race (not Hispanic).

From 2011 through 2013, the one new HIV diagnosis among males had a transmission risk of men who have sex with men (MSM). No new diagnoses occurred for females during those three years.



HIV/AIDS Incidence and Prevalence by Transmission Risk^v

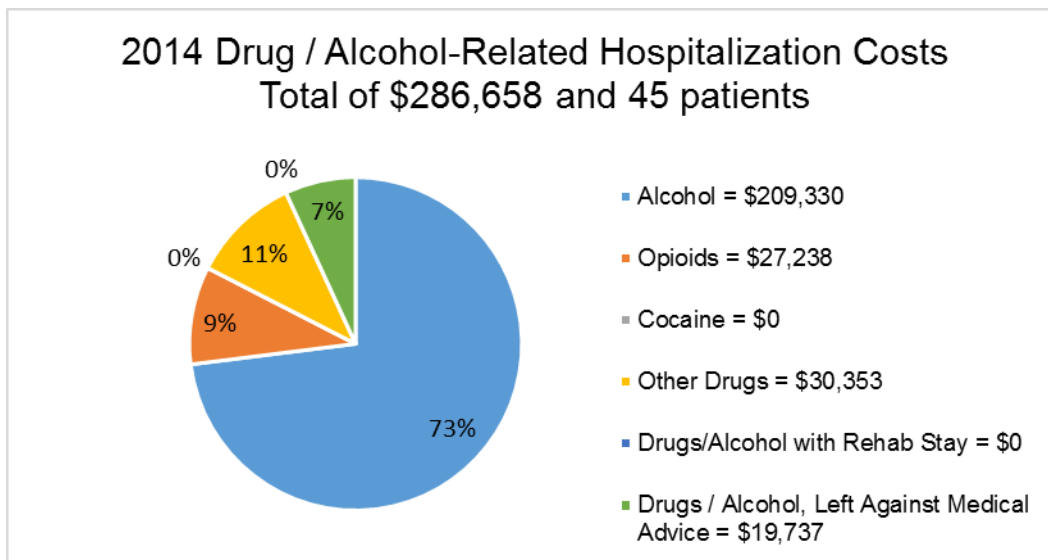
	HIV Diagnoses (2011-13 Annual Average)		Living HIV and AIDS Cases (December 2013)	
Transmission Risk Group – Males				
Total	0.3	100.0%	8	100.0%
MSM	0.3	100.0%	5	62.5%
IDU	0.0	0.0%	0	0.0%
MSM/IDU	0.0	0.0%	0	0.0%
Heterosexual	0.0	0.0%	0	0.0%
Blood Products	0.0	0.0%	1	12.5%
Pediatric Risk	0.0	0.0%	2	25.0%
Unknown	0.0	0.0%	0	0.0%
Transmission Risk Group – Females				
Total	0.0	0.0%	2	100.0%
IDU	0.0	0.0%	0	0.0%
Heterosexual Contact	0.0	0.0%	1	50.0%
Female Presumed Heterosexual Contact	0.0	0.0%	1	50.0%

	HIV Diagnoses (2011-13 Annual Average)		Living HIV and AIDS Cases (December 2013)	
Blood Products	0.0	0.0%	0	0.0%
Pediatric Risk	0.0	0.0%	0	0.0%
Unknown	0.0	0.0%	0	0.0%

HIV/AIDS RISK FACTORS

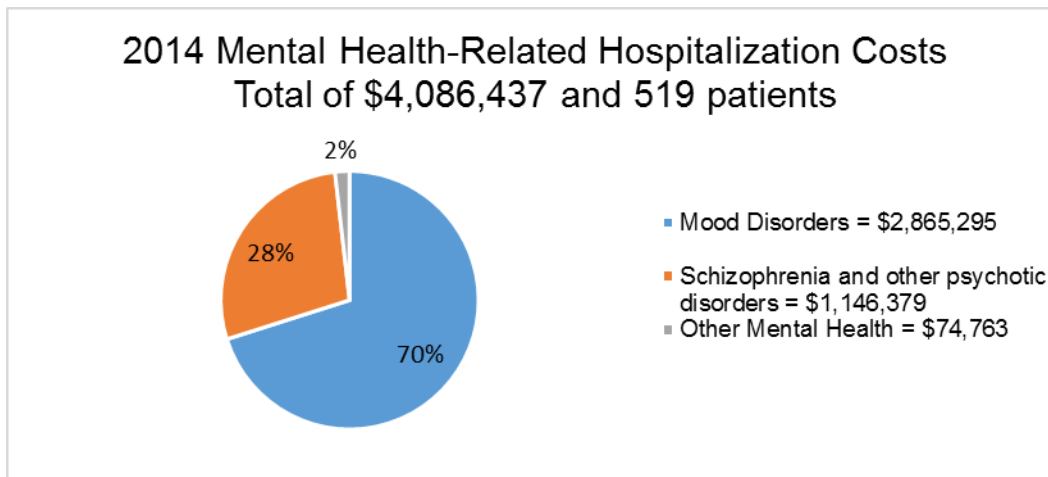
Substance Use

- In 2014, Drug/Alcohol-Related Hospitalizations in Wyoming County had a total cost of \$286,658, for 45 patients staying for 124 total days.^{vi}
- Among adults, 22.6% of adults smoke cigarettes, higher than the New York State-wide rate of 15.9% of adults. The percentage of adults in Orleans County who report binge drinking in the past month is 20.6%, 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 7.7% - lower than the statewide rate of 11.1%.^{viii}
- For Medicaid-covered persons with mental health issues, the average number of readmissions per patient is 1.25; 15% had greater than one readmission.
- Hospitalizations due to mood disorders and schizophrenia or other psychotic disorders accounted for 503 patients, 3,557 hospital days, and over \$4 million in hospitalization costs. Only \$74,763 in hospitalization costs were incurred by other mental health disorders.^{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.
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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.
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- ^{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.