

CUYAHOGA COUNTY BOARD OF HEALTH

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Cleveland TGA 2016 Epidemiology Overview

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Ryan White Part A
Cleveland TGA

Incidence (New Cases)

- 227 new cases in 2016, 4.6% decrease in cases from 2015
-number of male cases decreased 12.5% from 2015; number of female cases increased 50% from 2015
- Highest number of new cases are in the 20-24yo age group (29%)
- 57% of new cases in the TGA were under the age of 30 at diagnosis
- 53% of new cases were African-American males



Incidence – Risk Factors

- 70% of the male cases were in the male-to-male sexual contact (MSM) transmission category
- 18% of total new cases reported being in the heterosexual contact transmission category
- About 6% of cases had any exposure to intravenous drug use (IDU)



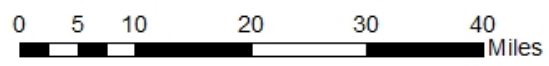
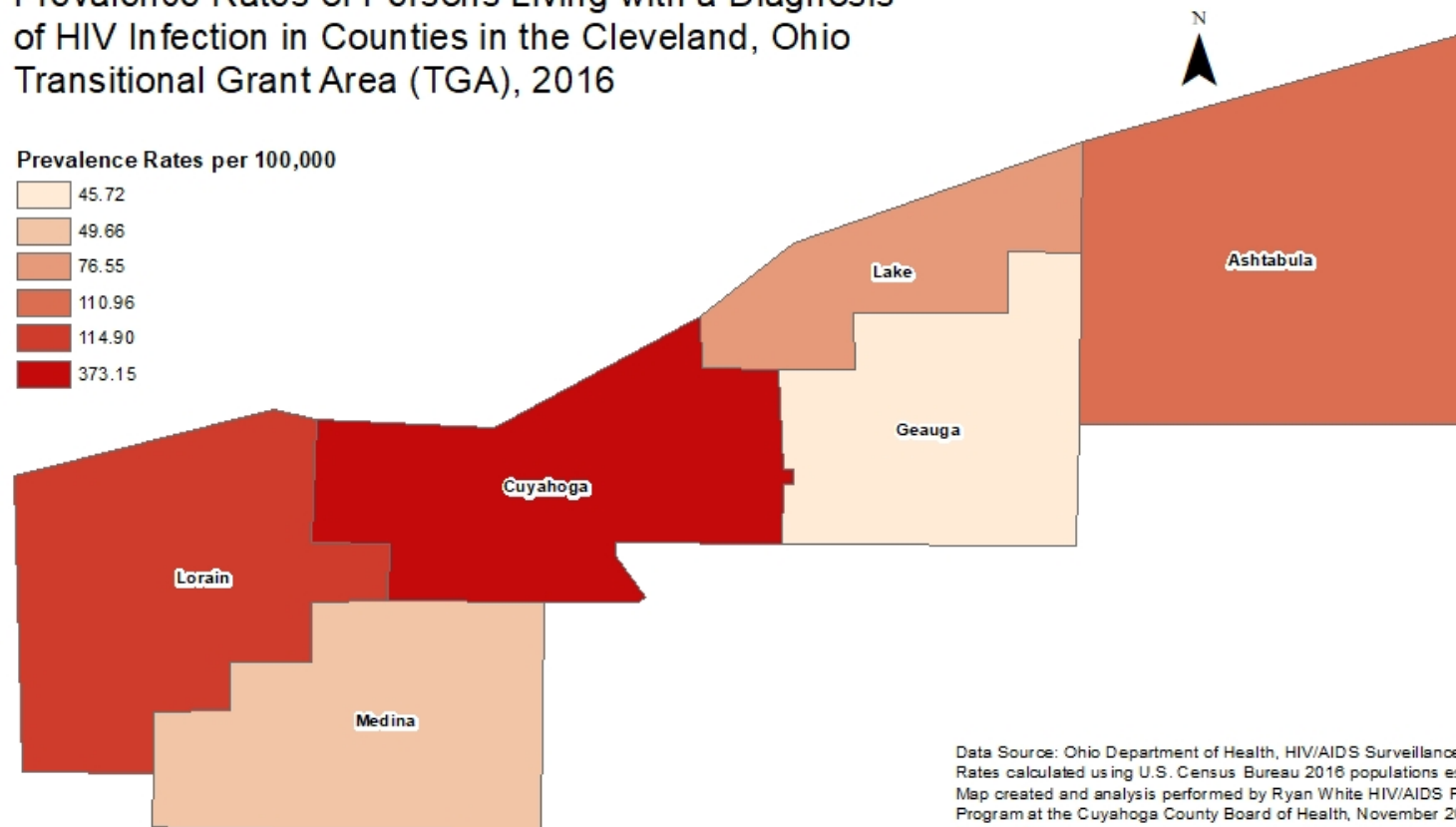
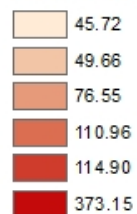
Prevalence (PLWHA)

- 5429 PLWHA in 2016, 3.8% increase from 2015
- 79% of PLWHA are male
- 23% are in the 55-64yo age group
- 39% are African-American males
- 69% of male PLWHA were in the male-to-male sexual (MSM) contact transmission category



Prevalence Rates of Persons Living with a Diagnosis of HIV Infection in Counties in the Cleveland, Ohio Transitional Grant Area (TGA), 2016

Prevalence Rates per 100,000



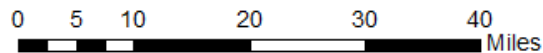
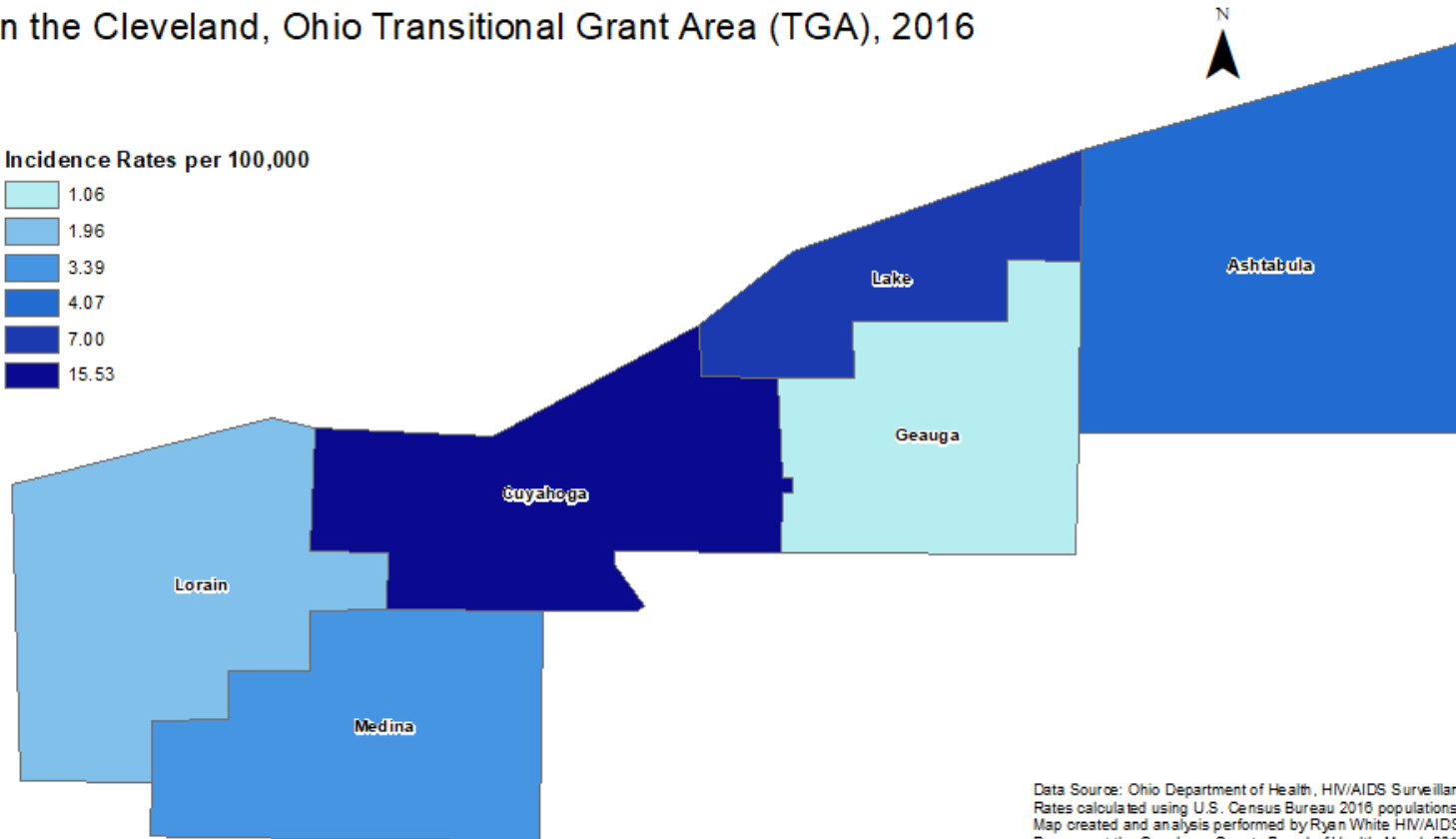
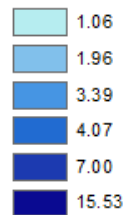
Data Source: Ohio Department of Health, HIV/AIDS Surveillance
Rates calculated using U.S. Census Bureau 2016 populations estimates
Map created and analysis performed by Ryan White HIV/AIDS Part A
Program at the Cuyahoga County Board of Health, November 2017
Author: V.Sundaram



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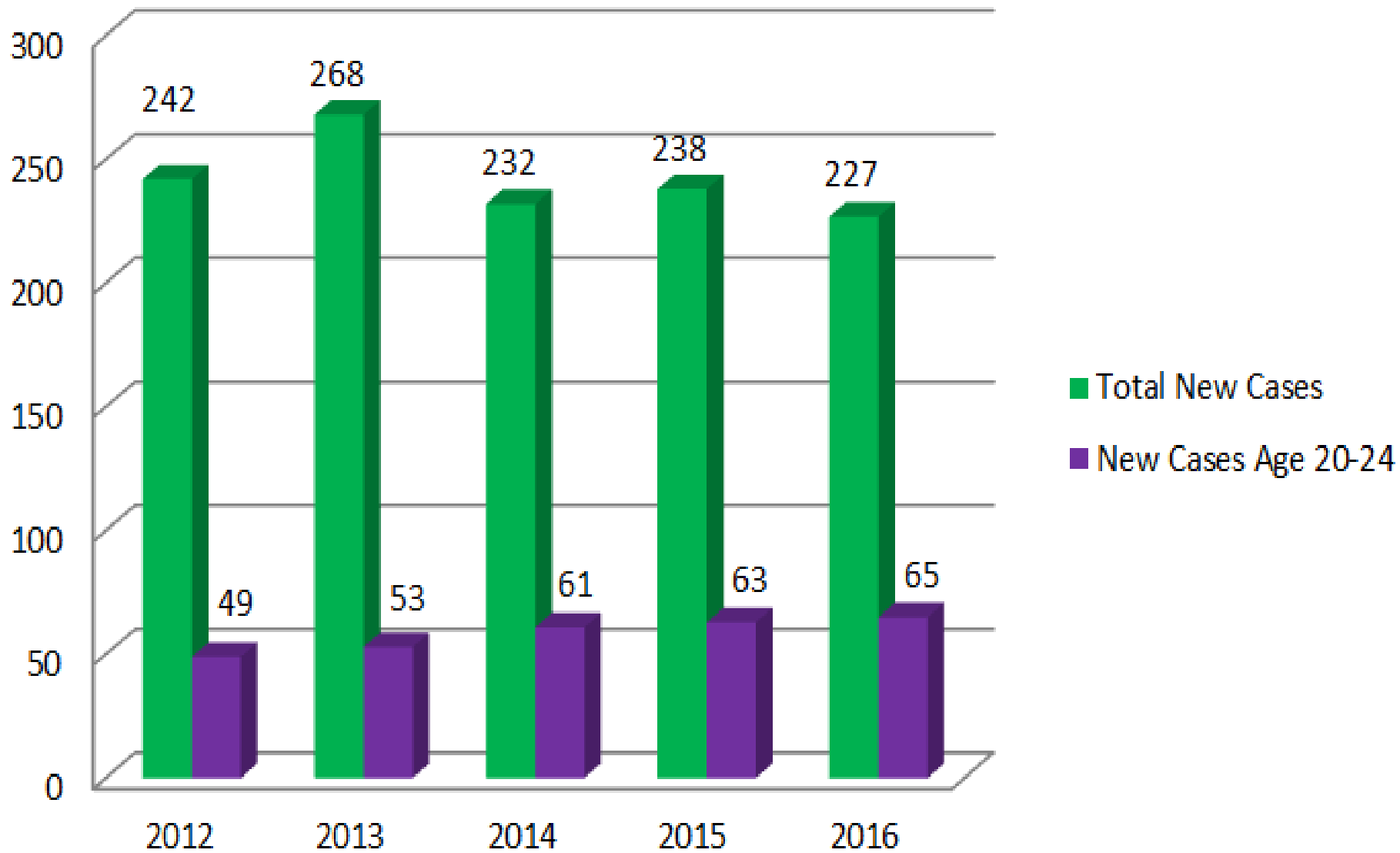
Incidence Rates of New HIV/AIDS Infections in Counties in the Cleveland, Ohio Transitional Grant Area (TGA), 2016

Incidence Rates per 100,000



Data Source: Ohio Department of Health, HIV/AIDS Surveillance
Rates calculated using U.S. Census Bureau 2016 population estimates
Map created and analysis performed by Ryan White HIV/AIDS Part A
Program at the Cuyahoga County Board of Health, March 2018
Author: V.Sundaram

New Cases in Cleveland TGA, 2012-2016

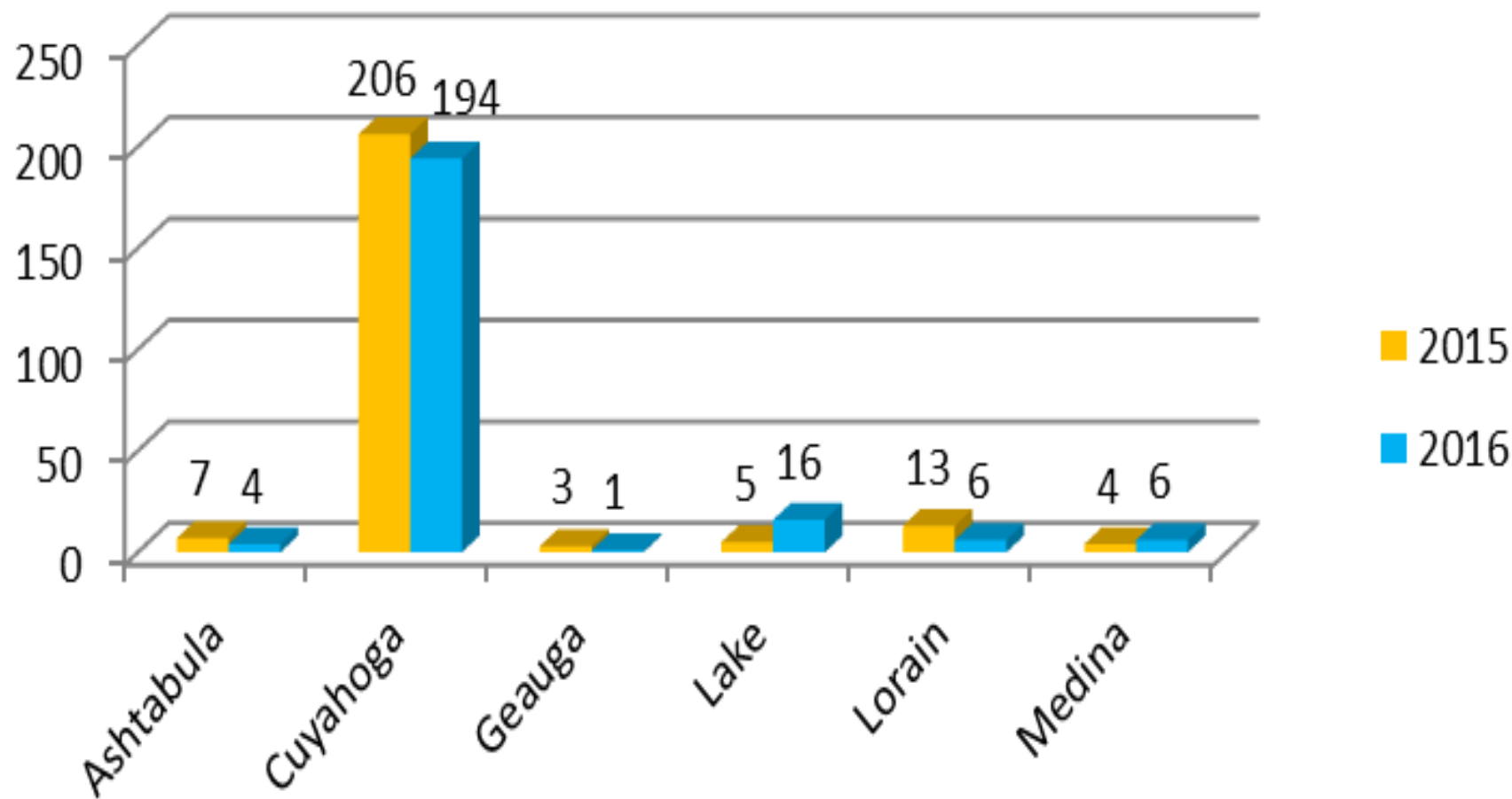


Disease Status Among New 2016 Cases, Cleveland TGA

	Disease Status At Initial Diagnosis		
	HIV (not AIDS)	HIV & Later AIDS	AIDS
Ashtabula	4	0	0
Cuyahoga	156	25	13
Geauga	0	0	1
Lake	14	2	0
Lorain	6	0	0
Medina	5	1	0



New Cases in 2015 and 2016, by County, Cleveland TGA



Cuyahoga County

Incidence

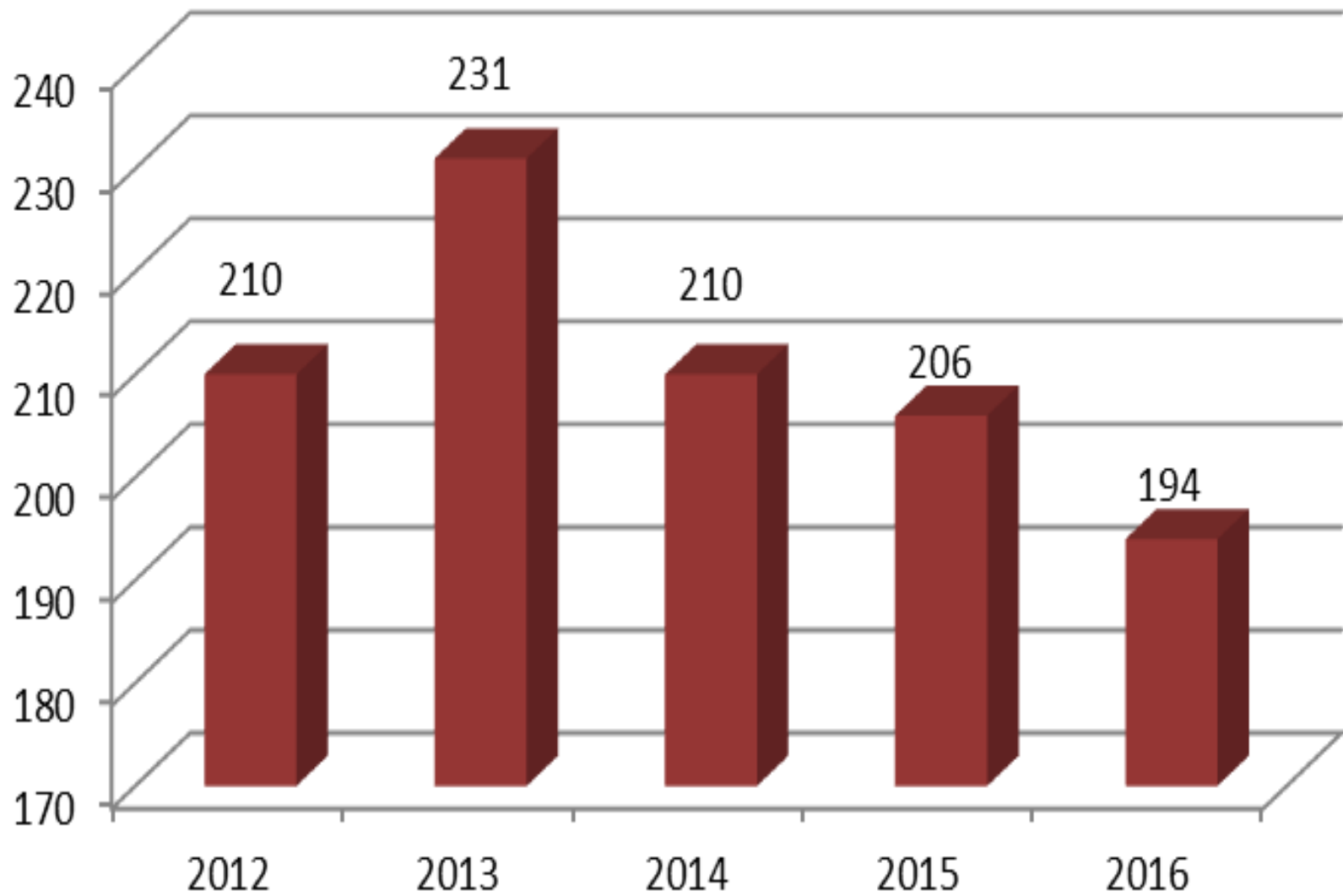
- There were 194 new cases; 152 were males and 42 were females
- 28% of the cases were in the 20-24yo group
- 59% were African-American males
- 54% of cases were in the MSM exposure category

Prevalence

- There were a total of 4662 PLWHA in the county
- 23% were in the 55-64yo age group
- 43% were African-American males



New Cases of HIV/AIDS in Cuyahoga County, 2012-2016



Eastern Counties – Lake, Ashtabula, Geauga

Incidence

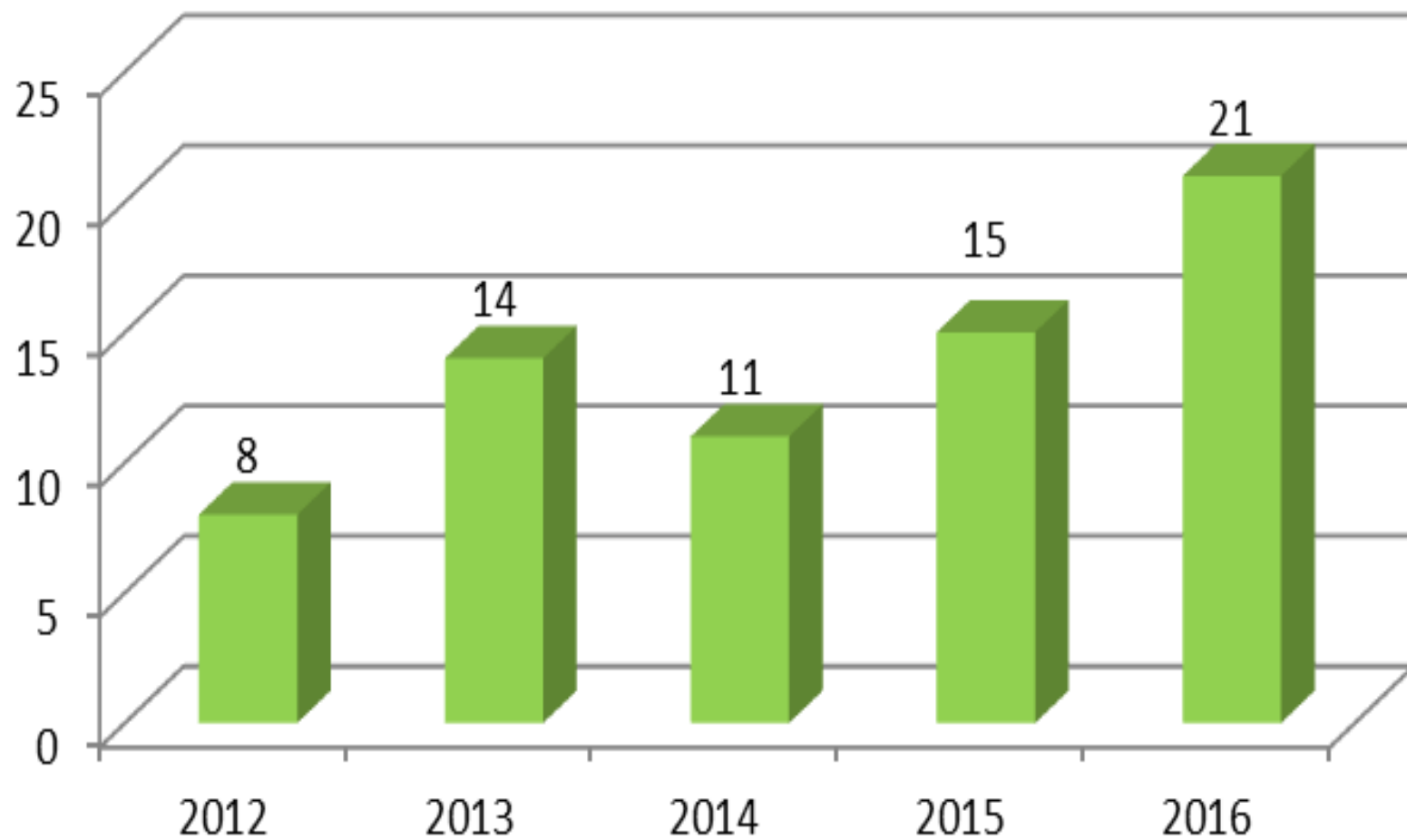
- There were 21 new cases; 95% were male
- 29% of cases were in the 20-24yo age group
- 43% of cases were White males
- 81% of cases were in the MSM exposure category

Prevalence

- There were 327 PLWHA combined in the three counties
- 24% of PLWHA were in the 55-64yo age group
- 55% were White males



New Cases of HIV/AIDS in Geauga, Lake, and Ashtabula Counties, 2012-2016



Western Counties – Lorain and Medina

Incidence

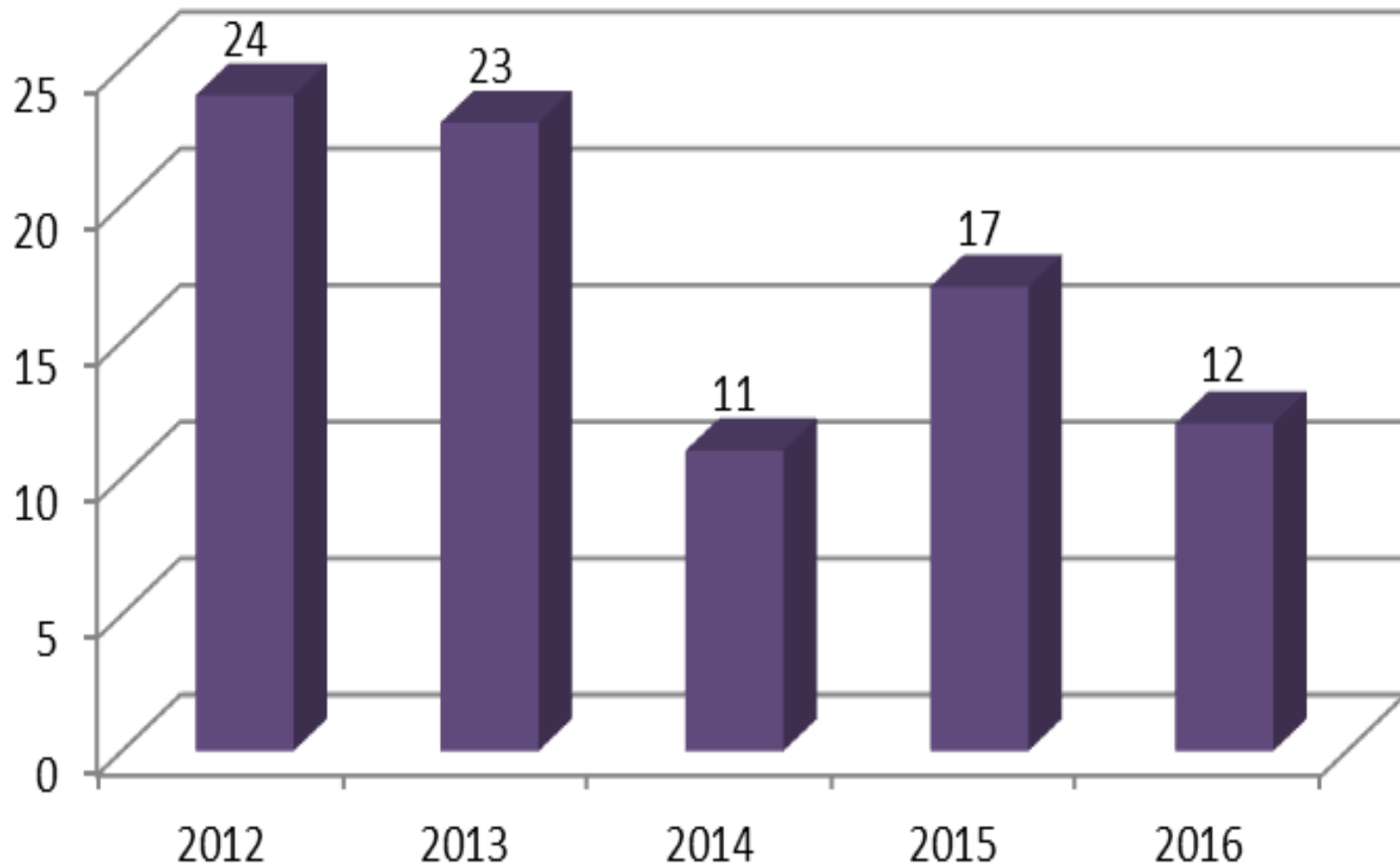
- There were 12 new cases; 83% were male
- 33% were in the 20-24yo age group
- 67% were White males
- 42% were in the MSM exposure category

Prevalence

- There were 440 PLWHA in the 2 counties
- 23% were in the 55-64yo age group
- 44% were White males



New Cases of HIV/AIDS in Lorain and Medina Counties, 2012-2016



Key Takeaways

- Consistently, highest number of new cases is in the 20-24yo age group. Important to pay attention to this age group.
- Even though Cuyahoga County had highest number of new cases; important to take note that Lake County had a 220% change, going from 5 cases in 2015 to 16 cases in 2016.
- Among PLWHA and new cases, MSM contact makes up the highest proportion of transmission category. Important that providers have training and cultural competency to provide care this population.



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