Michigan Department of Health & Human Services

MDHHS

Michigan Department of Health & Human Services

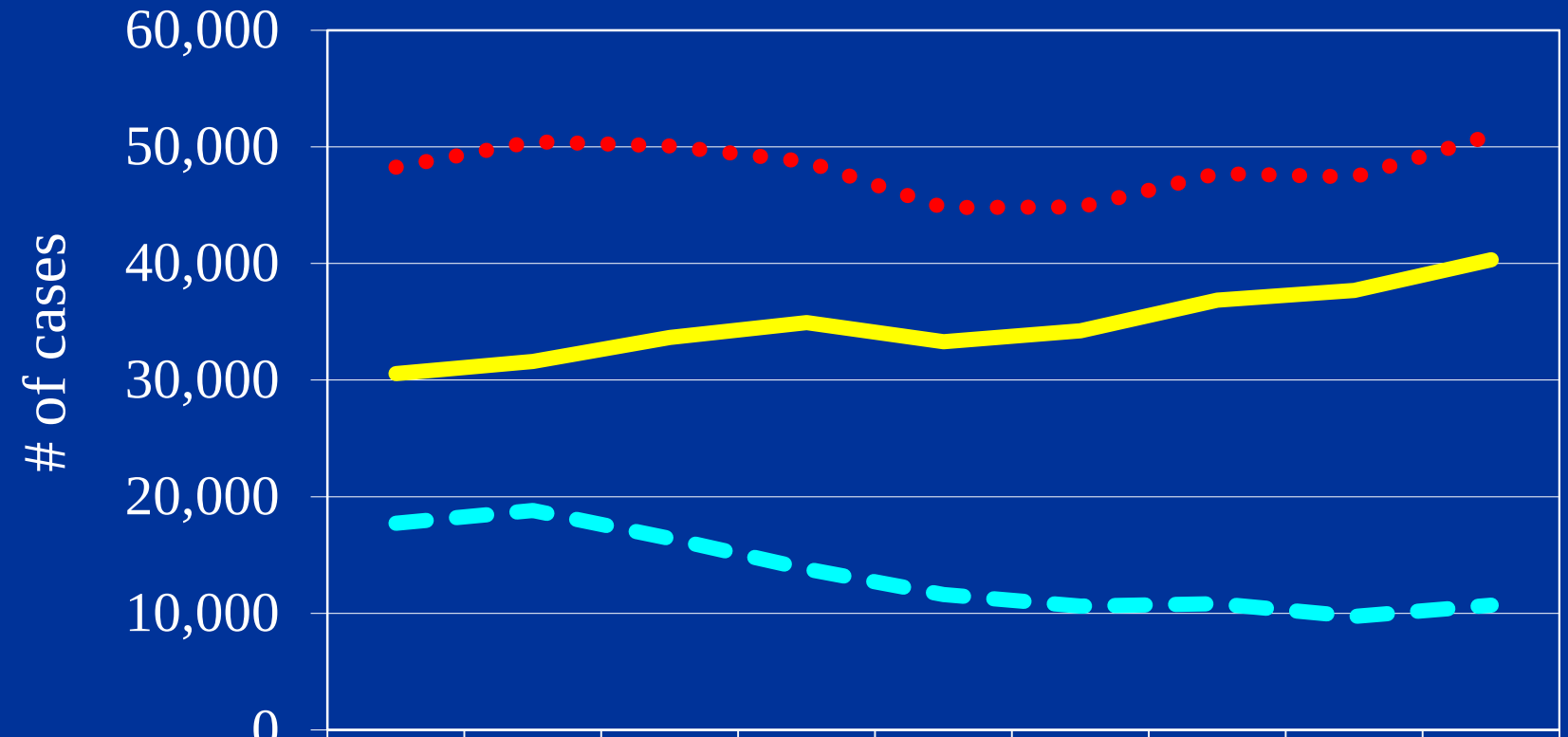
RICK SNYDER, GOVERNOR | NICK LYON, DIRECTOR

Michigan Sexually Transmitted Disease (STD) in 2017

Population Health and Community Services

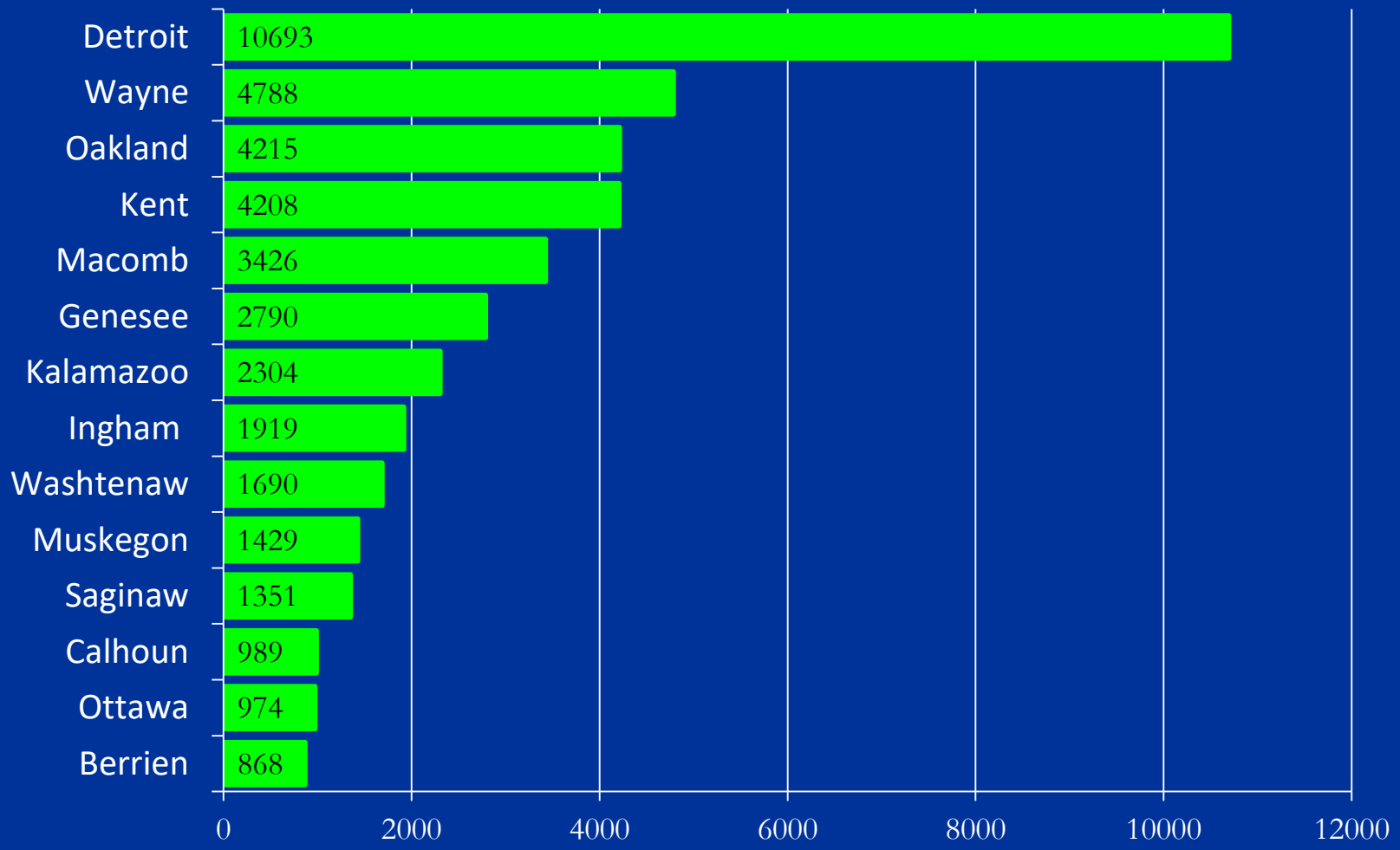
Division of HIV and STD Programs, STD Section, and
Bureau of Epidemiology and Population Health, HIV- STD Section

Chlamydia Cases in Michigan, 2010-17

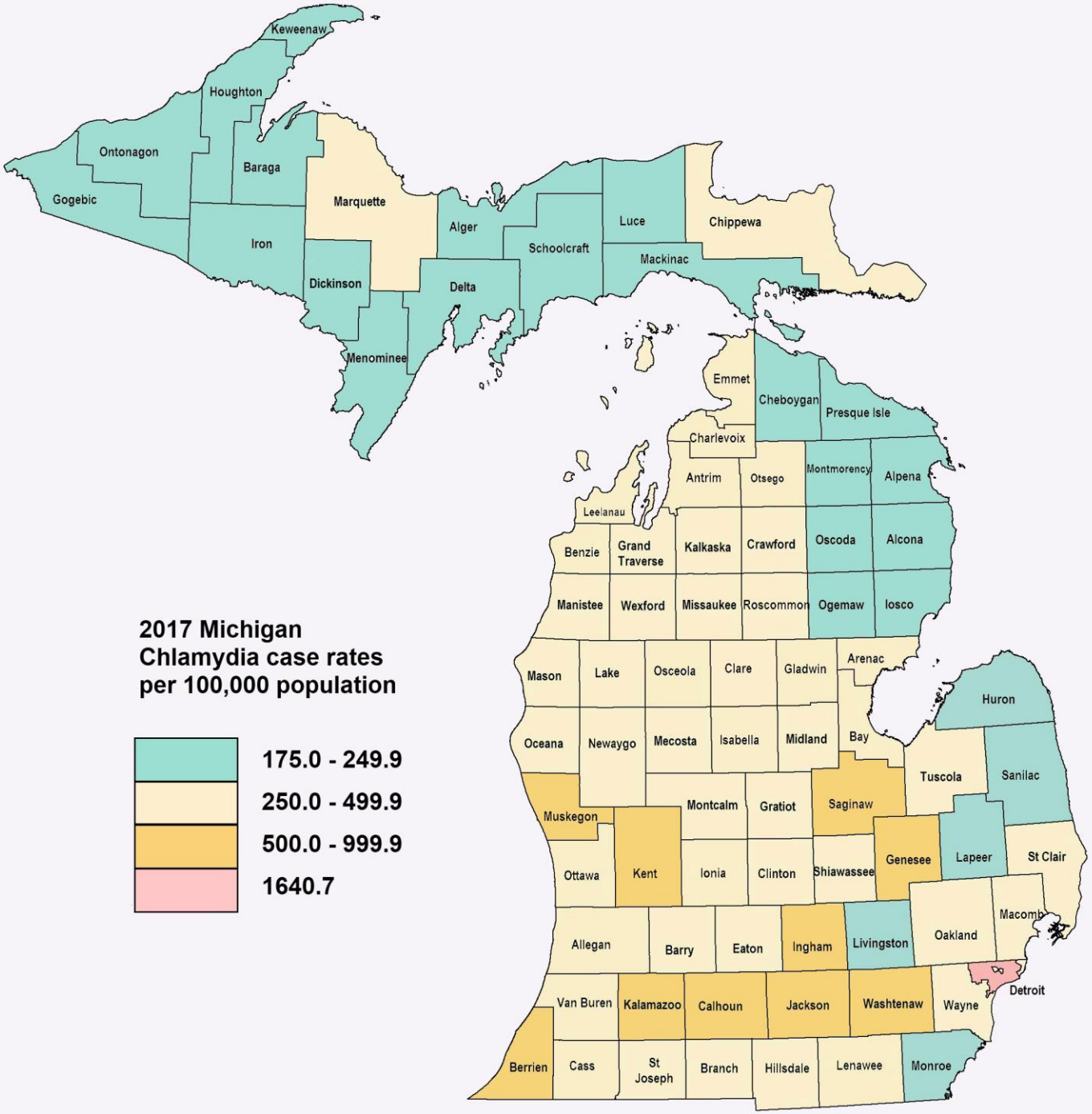


	2009	2010	2011	2012	2013	2014	2015	2016	2017
Michigan	48264	50430	50063	48727	44796	44843	47702	47414	50998
Detroit City	17717	18830	16414	13787	11609	10630	10839	9727	10693
Outstate	30547	31600	33649	34940	33287	34213	36863	37687	40305

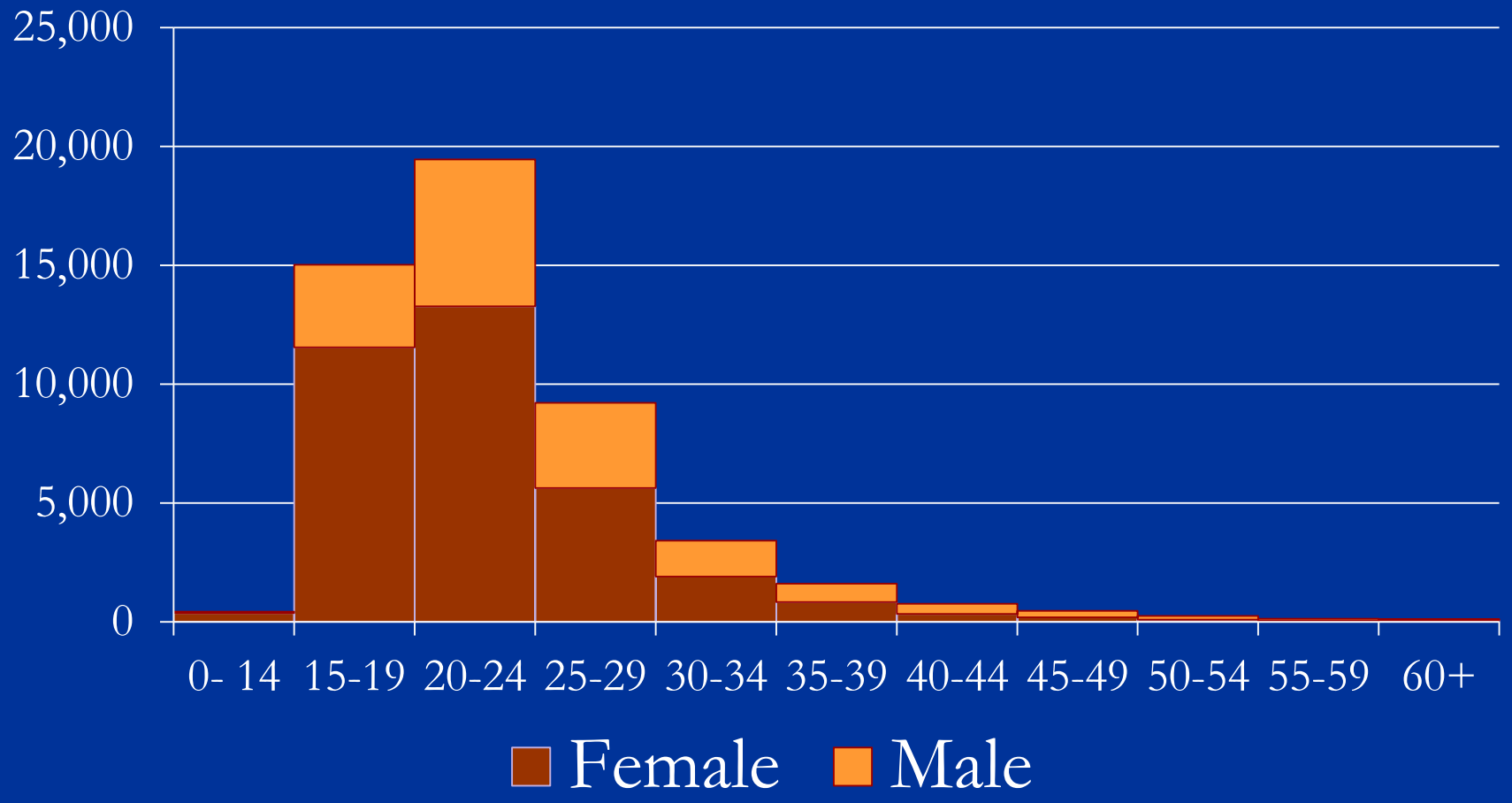
Chlamydia Cases by County
2017 Year (n= 50,998)



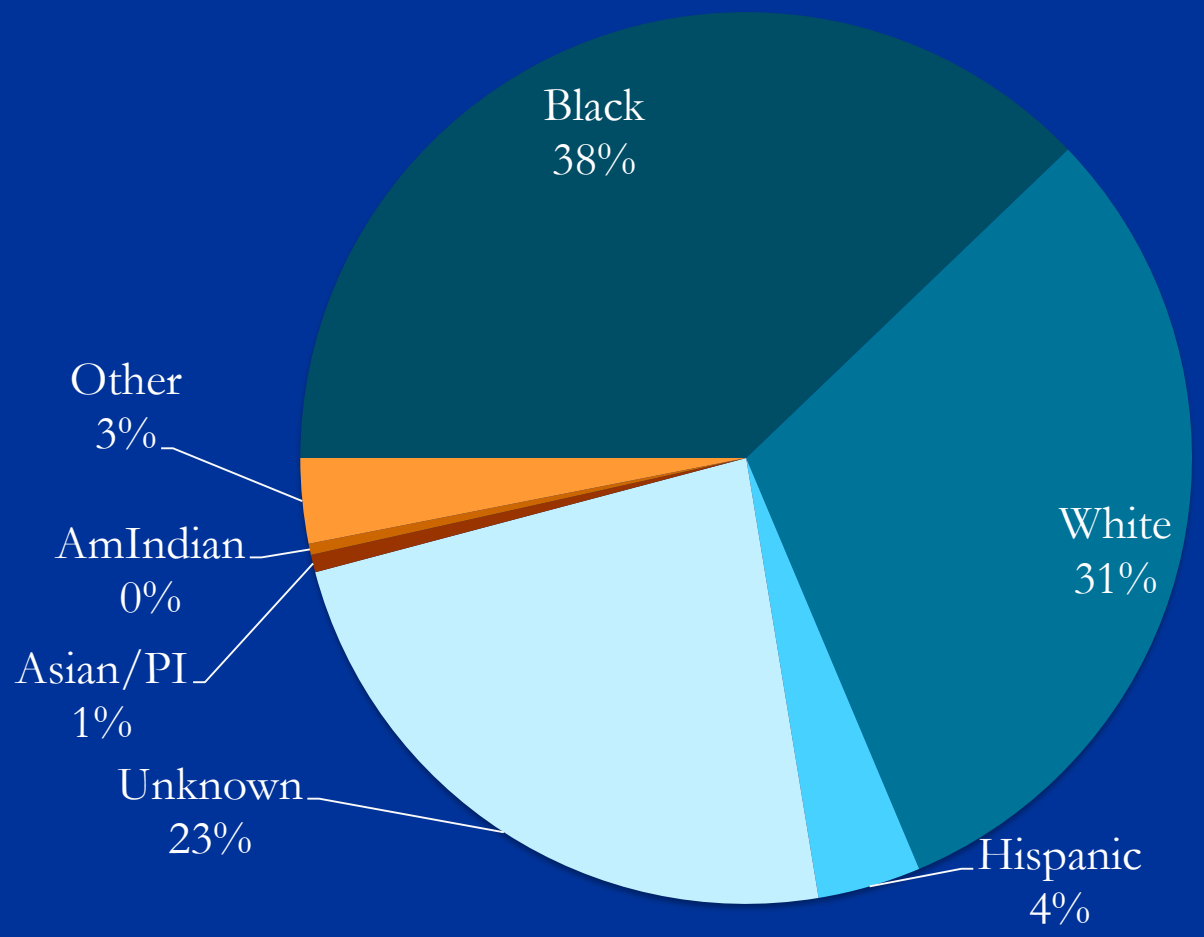
2017 Chlamydia Cases (n=50,998)



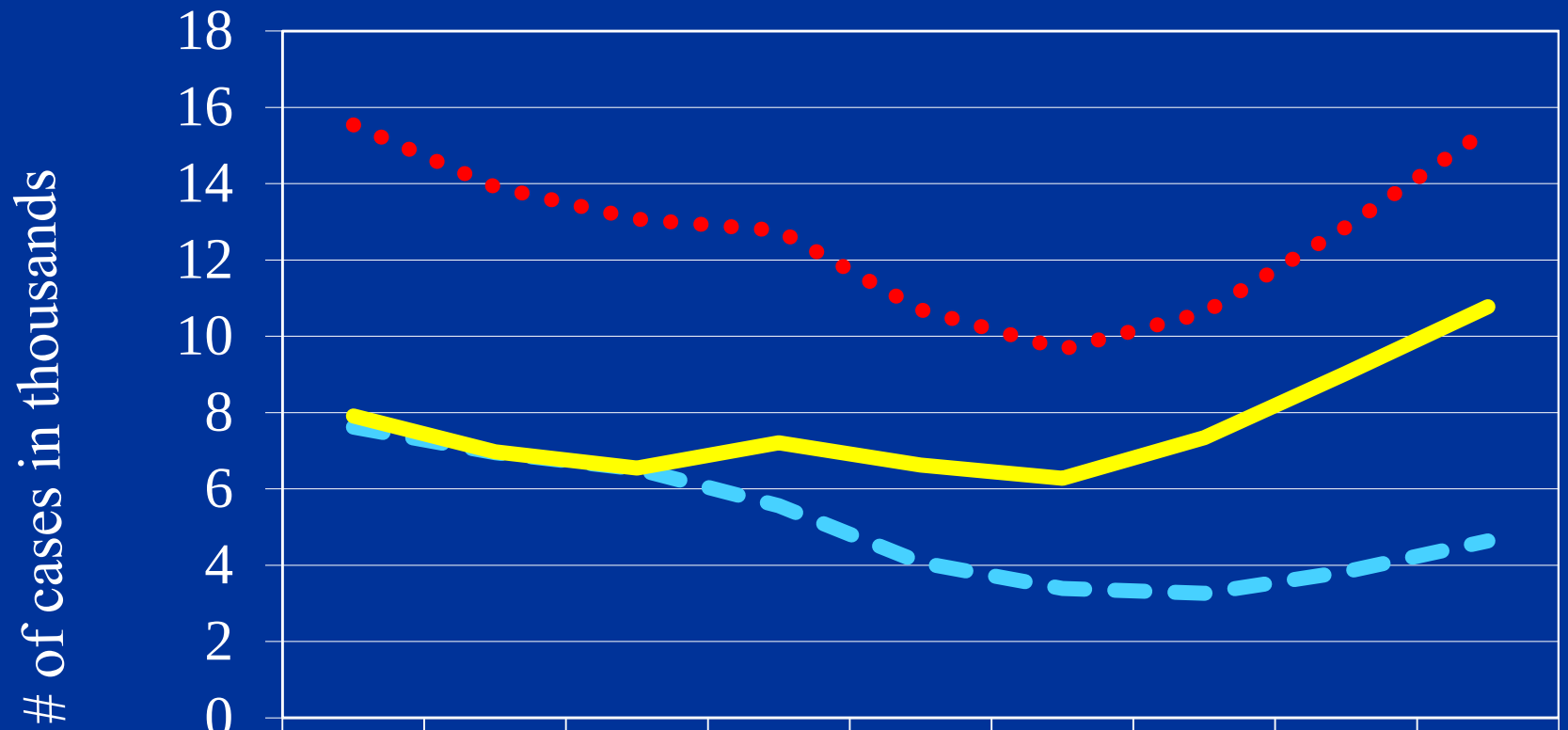
Chlamydia Cases by Sex 2017
(n= 50,998)



Race Distribution
2017 Chlamydia Cases (n= 50,998)



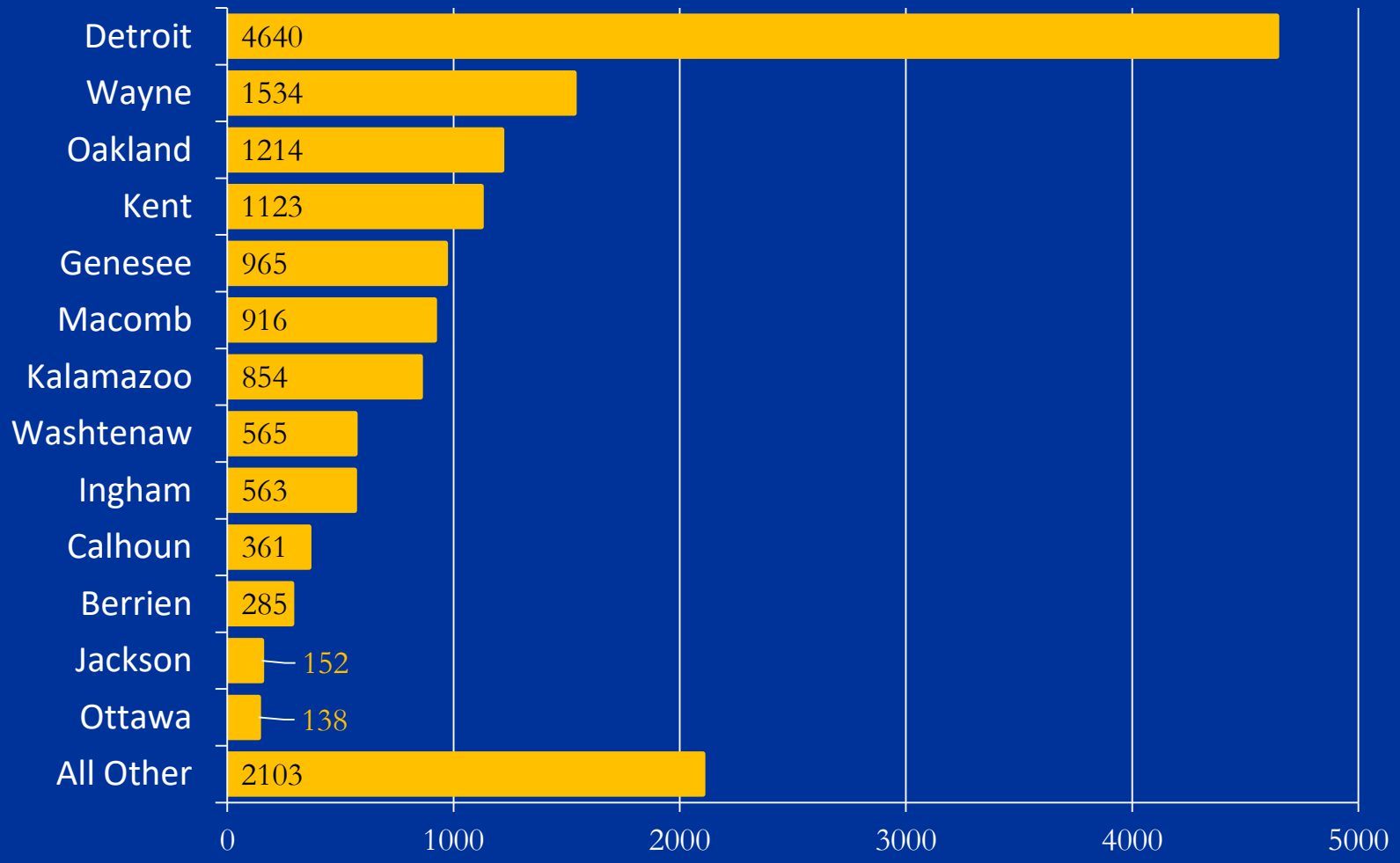
Gonorrhea Cases in Michigan, 2010-2017

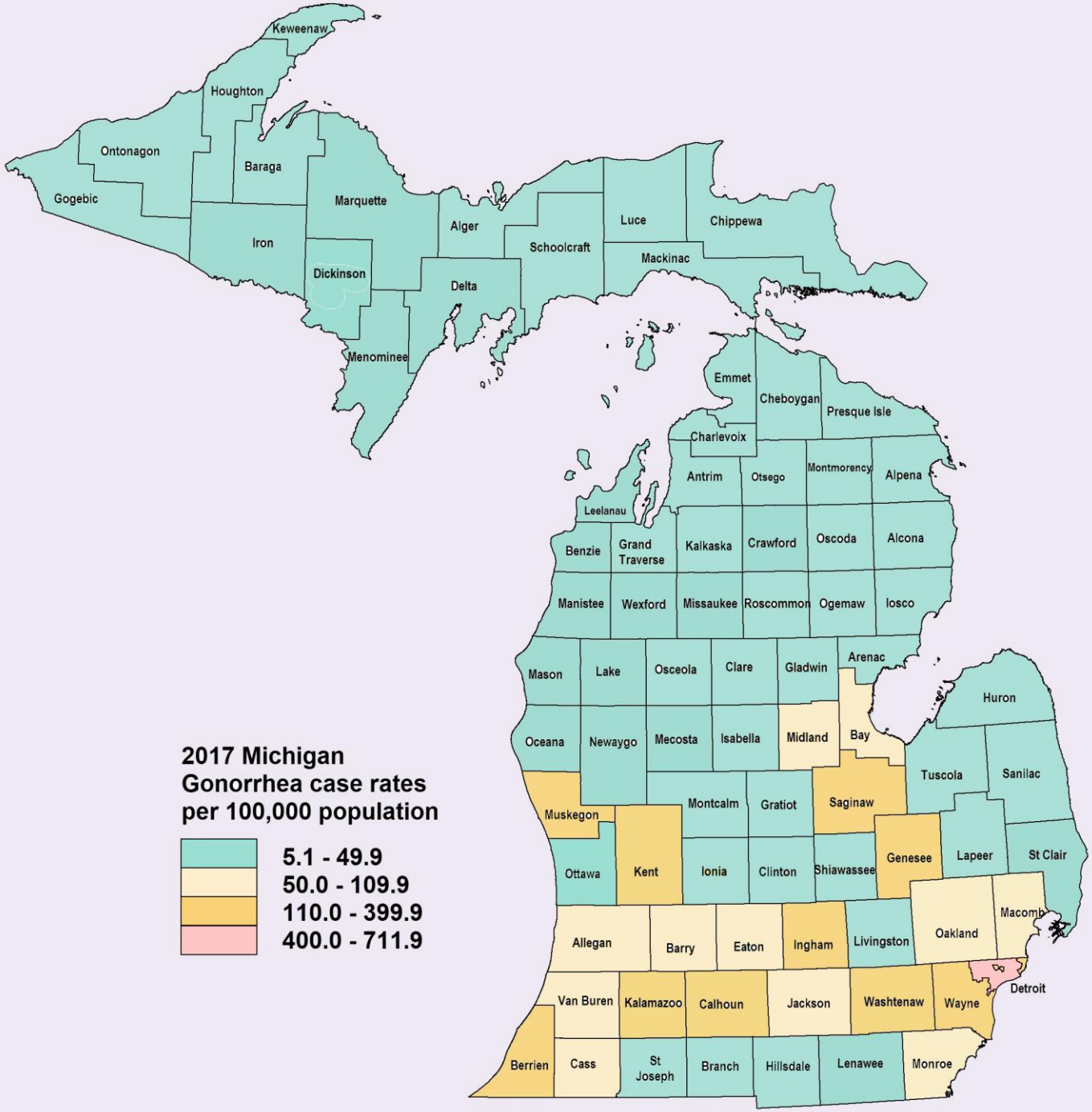


	2009	2010	2011	2012	2013	2014	2015	2016	2017
Michigan	15539	13919	13070	12770	10698	9667	10615	12866	15413
Detroit City	7624	6948	6521	5561	4072	3388	3269	3835	4640
Outstate	7915	6971	6549	7209	6626	6279	7346	9031	10773

Gonorrhea Cases by County

2017 Year (n= 15,413)

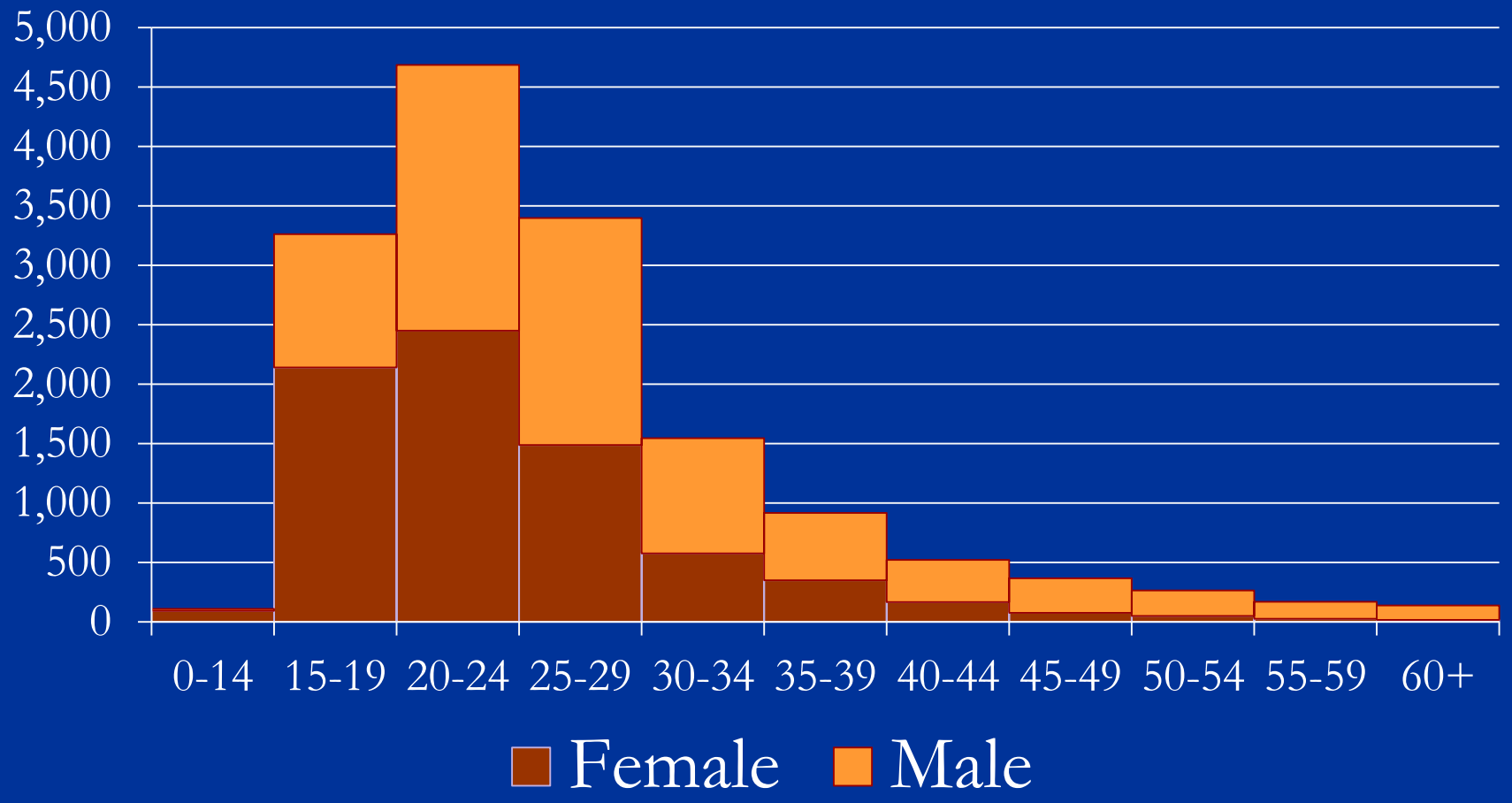




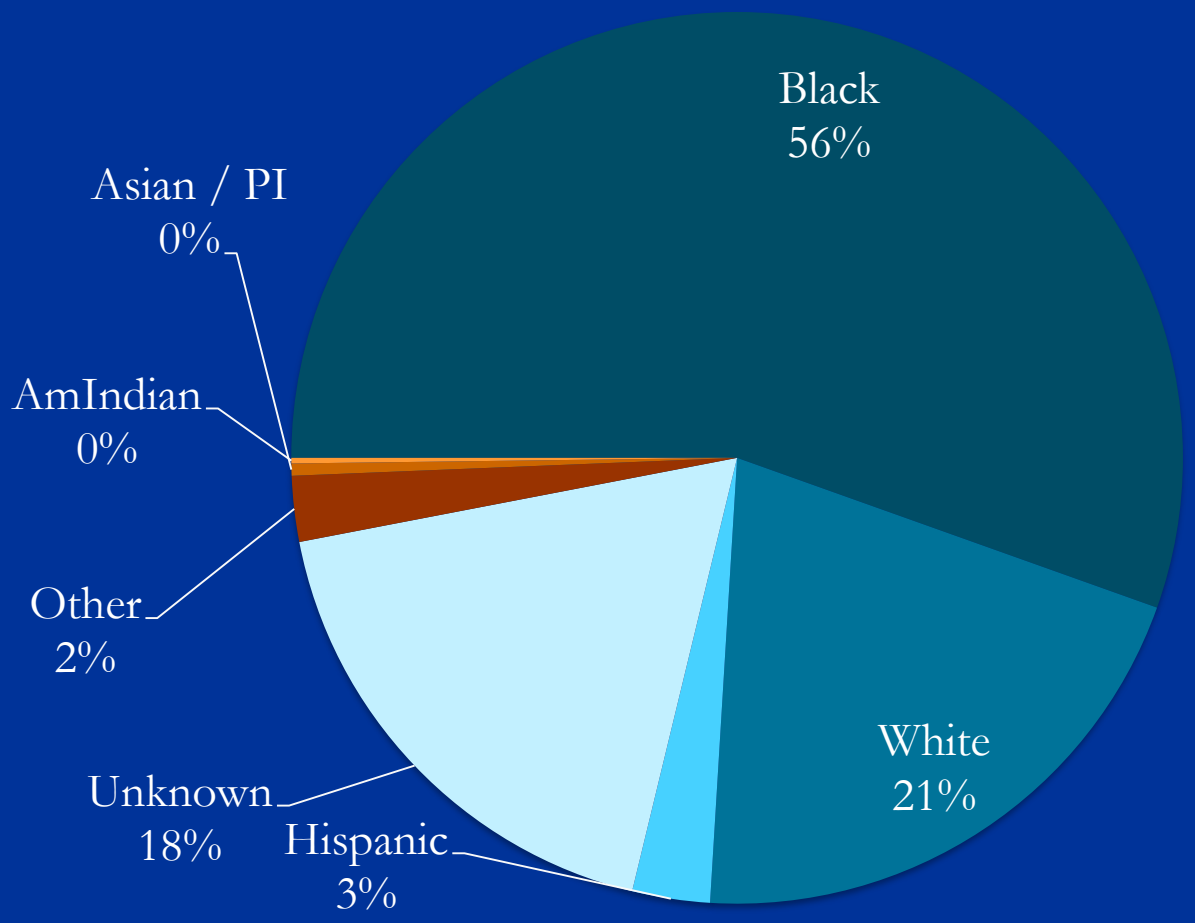
2017 Gonorrhea Cases (n= 15,413)

Gonorrhea Cases by Sex 2017

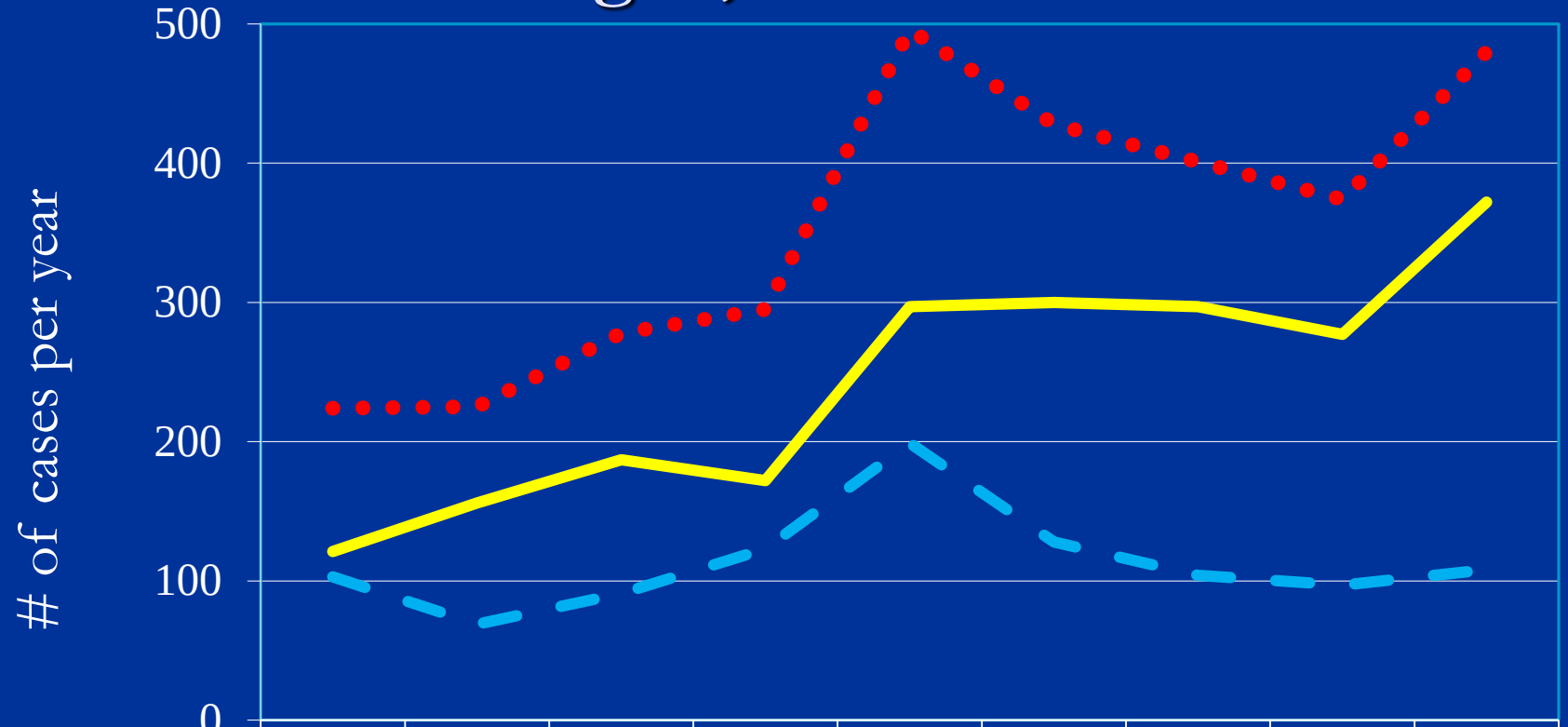
(n= 15,413)



Race Distribution
2017 Gonorrhea Cases (n= 15,413)



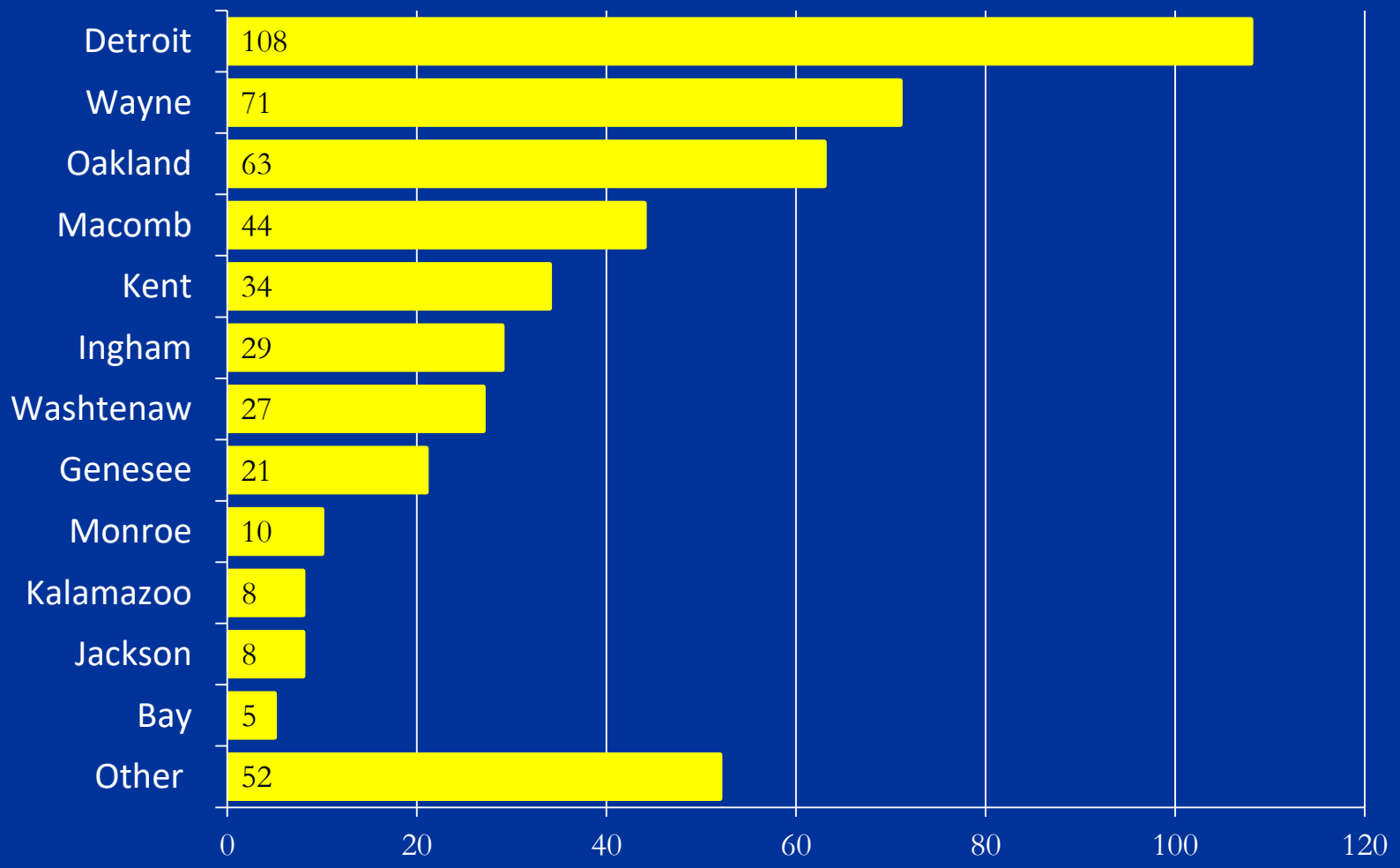
Primary & Secondary Syphilis in Michigan, 2009- 2017



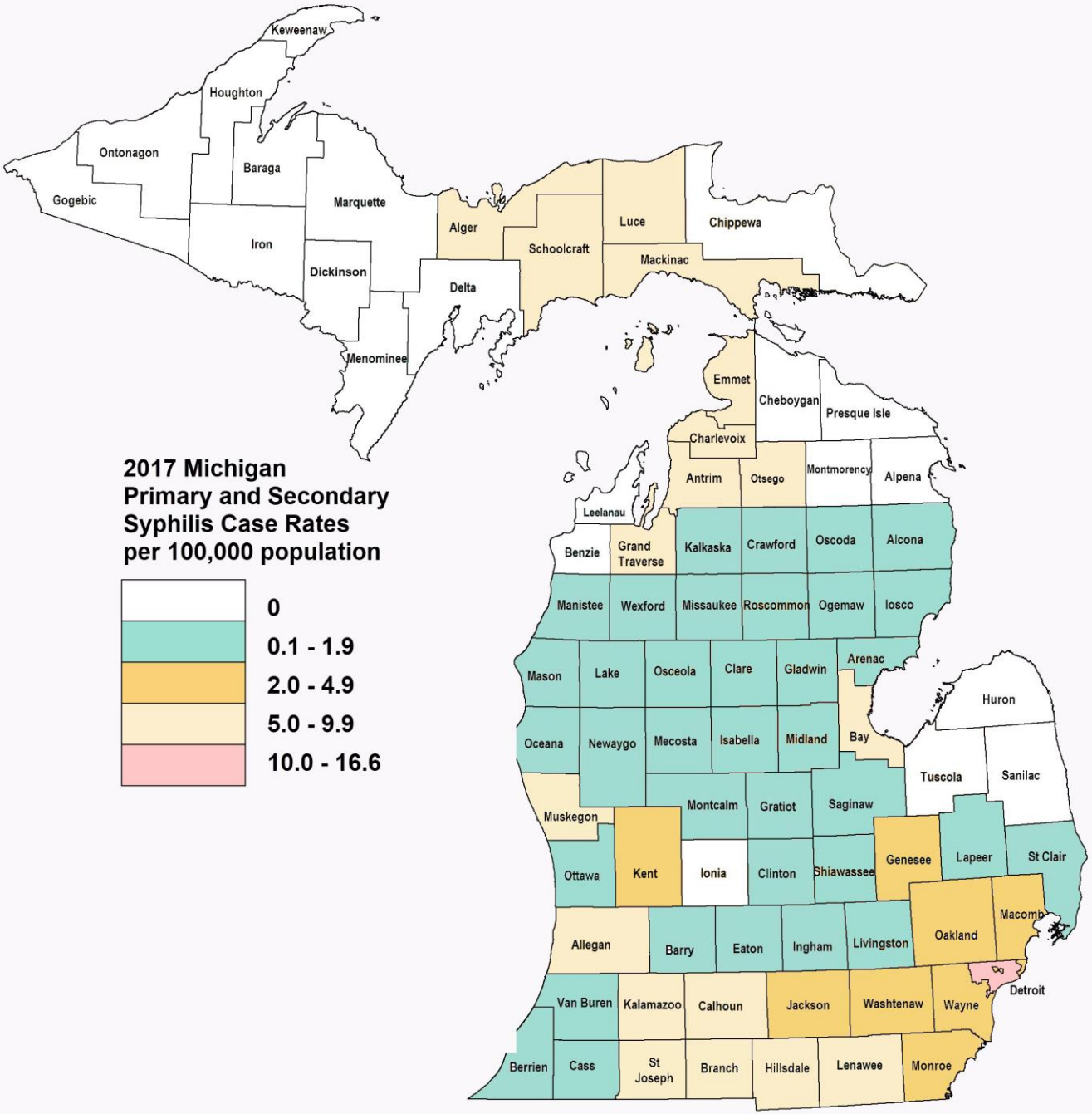
	2009	2010	2011	2012	2013	2014	2015	2016	2017
Michigan	224	225	278	295	496	428	401	374	480
Detroit City	103	69	91	123	199	128	104	97	108
Outstate	121	156	187	172	297	300	297	277	372

P&S Syphilis Cases by County

2017 Year (n= 480)

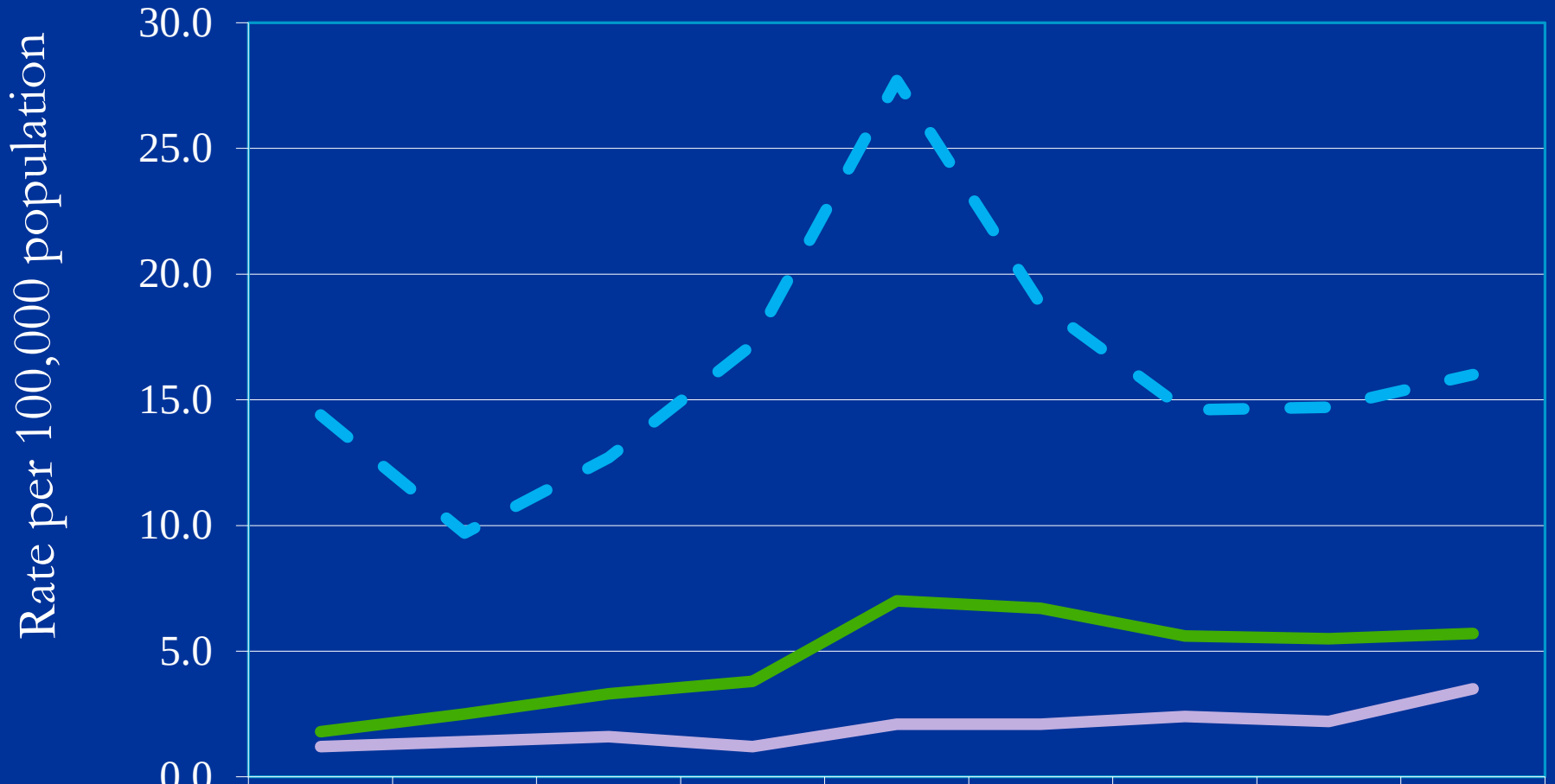


2017 Primary and Secondary Syphilis Cases (n= 480)



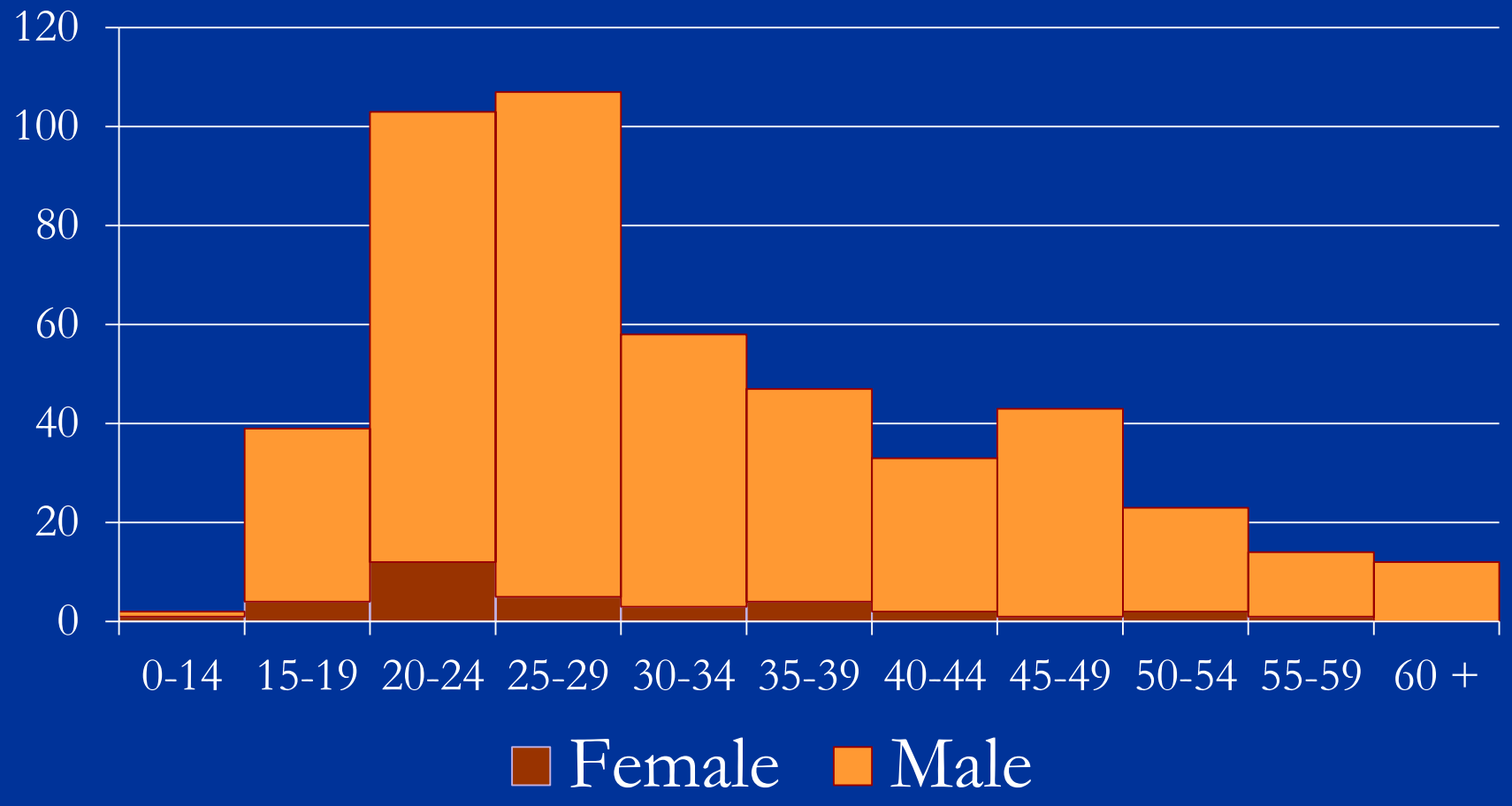
Primary & Secondary Syphilis Rates by area of Michigan 2009 – 2017

SE MI = Wayne and Oakland Counties

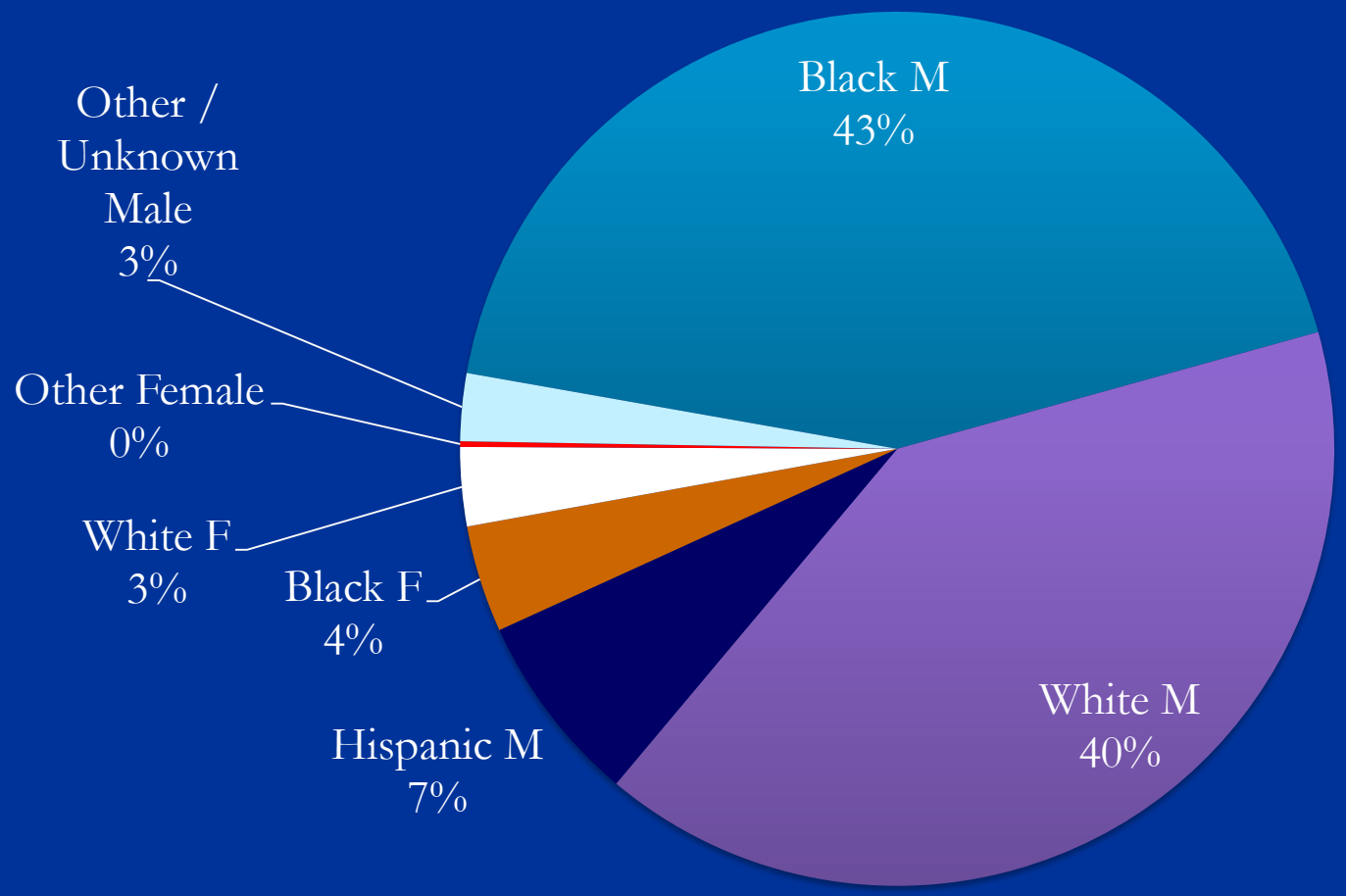


	2009	2010	2011	2012	2013	2014	2015	2016	2017
Detroit City	14.4	9.7	12.7	17.2	27.7	18.8	14.6	14.7	16.0
SE Michigan	1.8	2.5	3.3	3.8	7.0	6.7	5.6	5.5	5.7
Outstate	1.2	1.4	1.6	1.2	2.1	2.1	2.4	2.2	3.5

Primary &Secondary Syphilis Cases by Sex 2017 (n= 480)

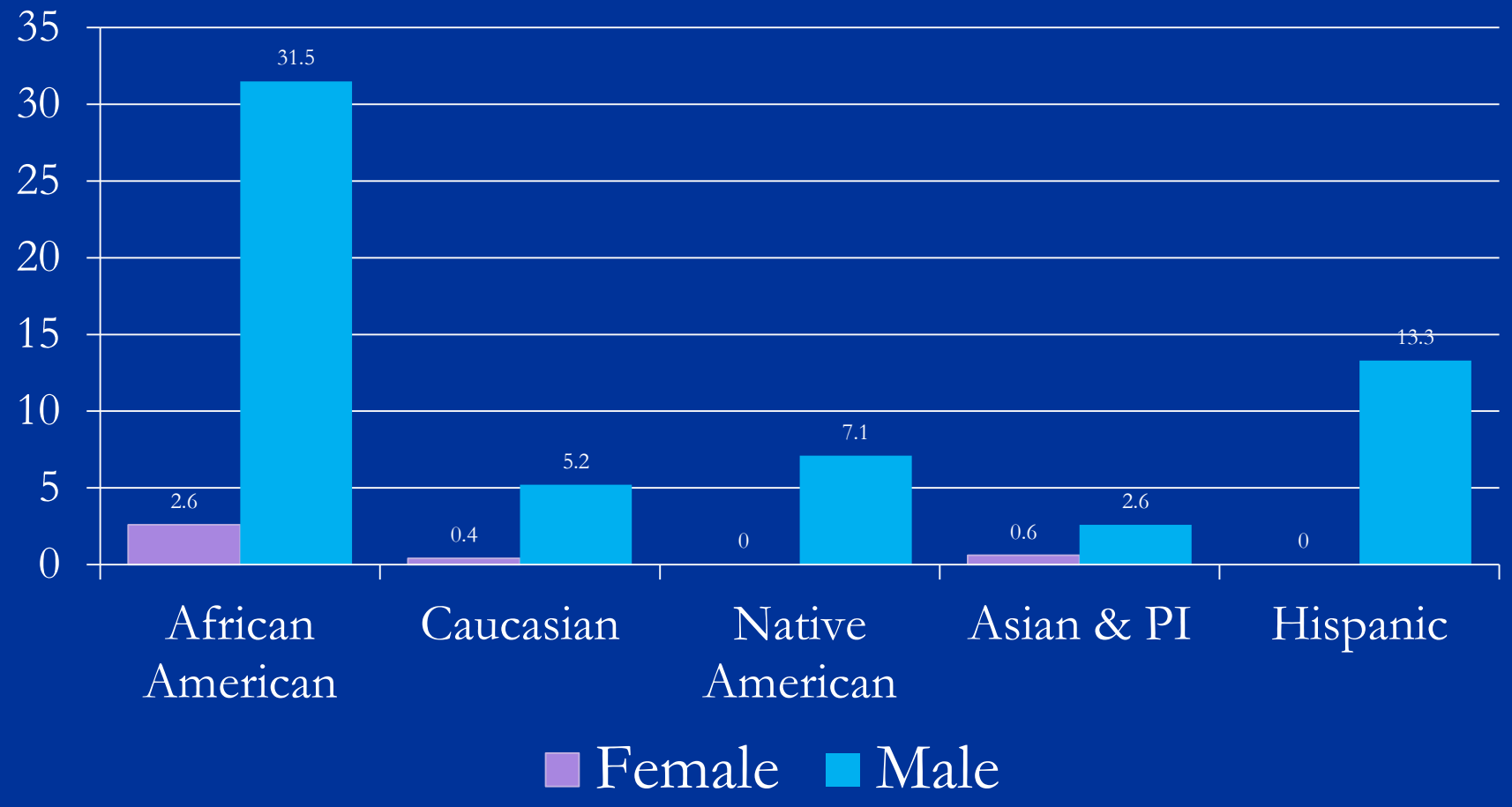


Sex and Race Distribution 2017 P&S Cases, N= 480



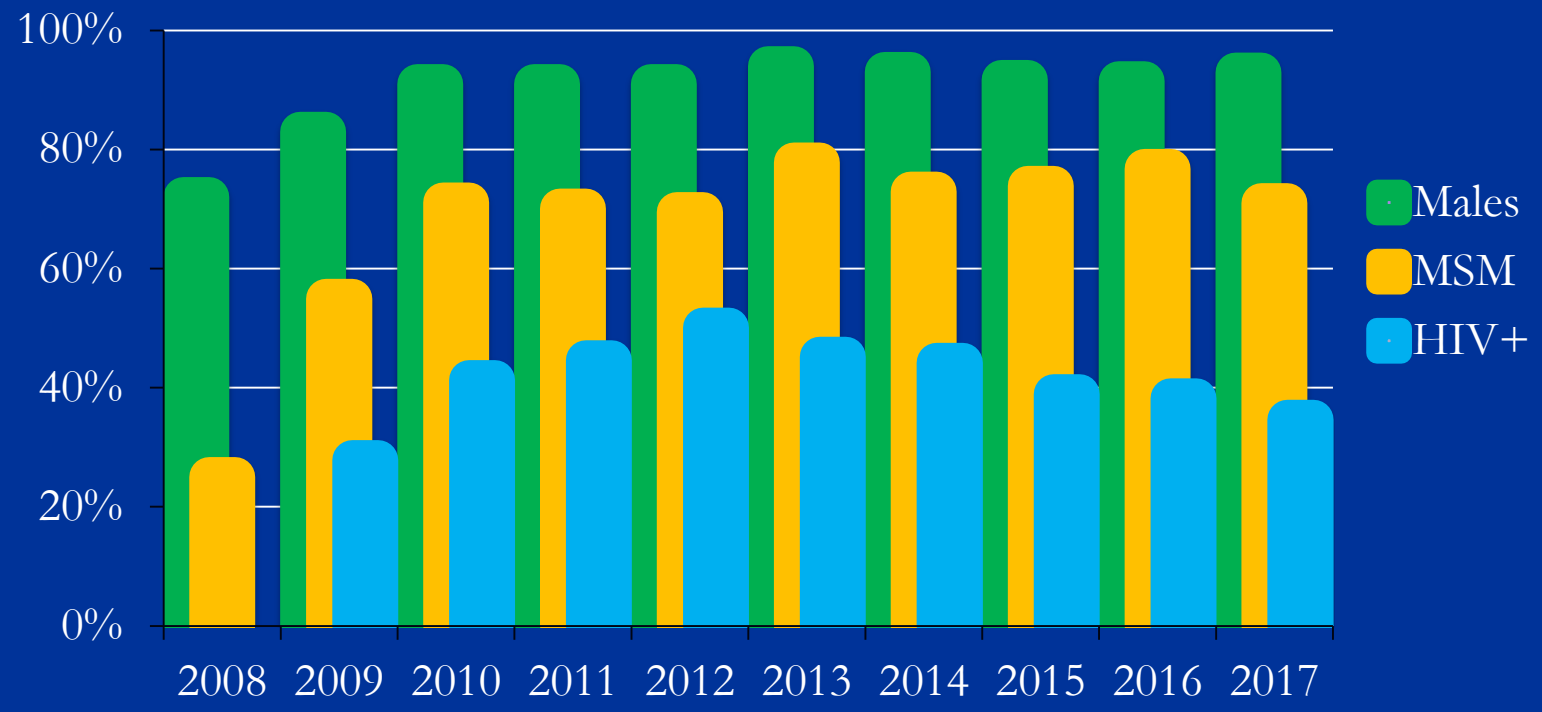
2017 P&S Syphilis by Sex and Race

Rates per 100,000 population



Primary & Secondary Syphilis Trends

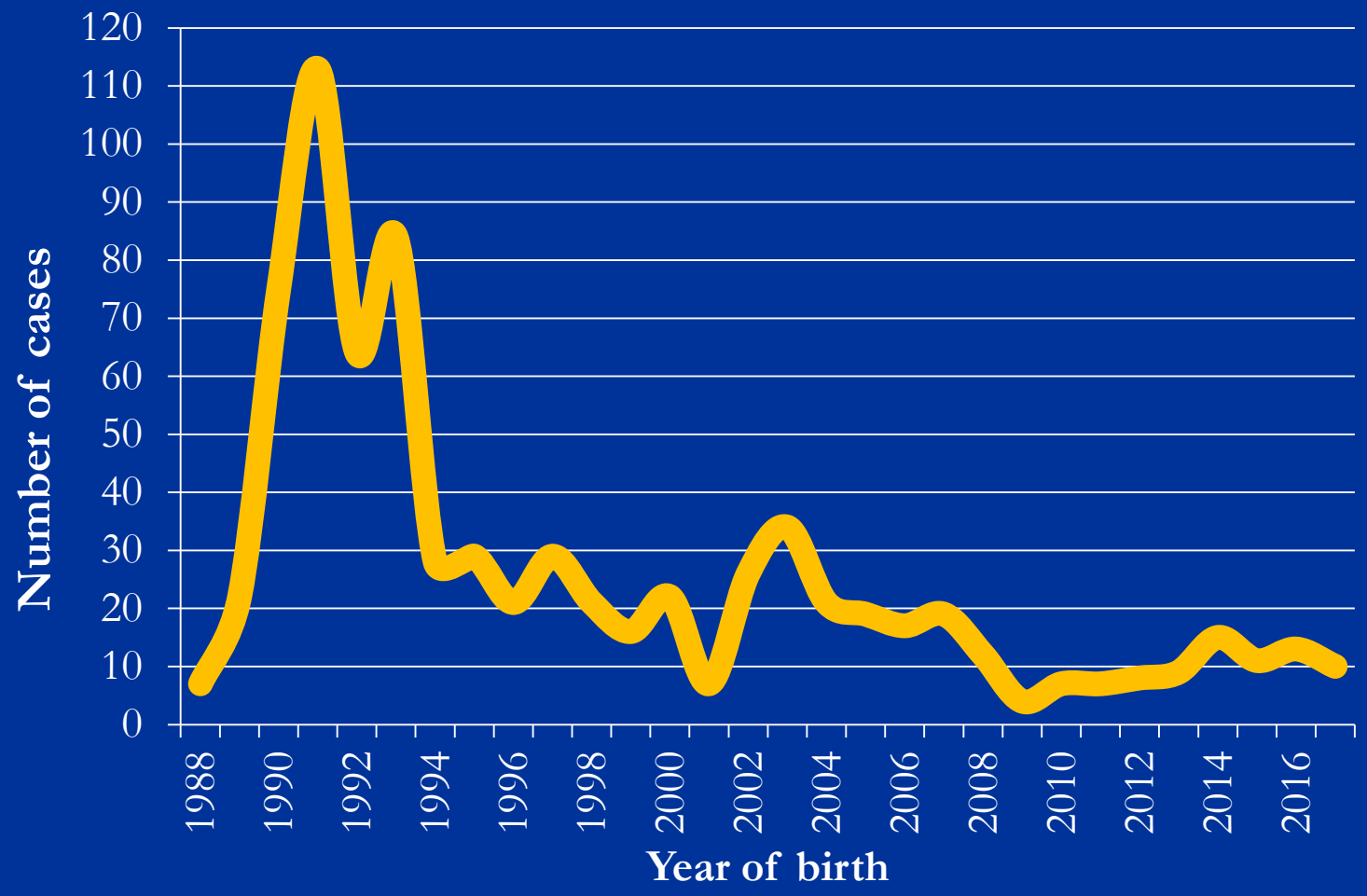
percent of MI cases that are Male, MSM*, or HIV+
All Michigan (2017 n= 480)



* MSM = Men who have sex with men

Michigan Congenital Syphilis

1989 - 2017

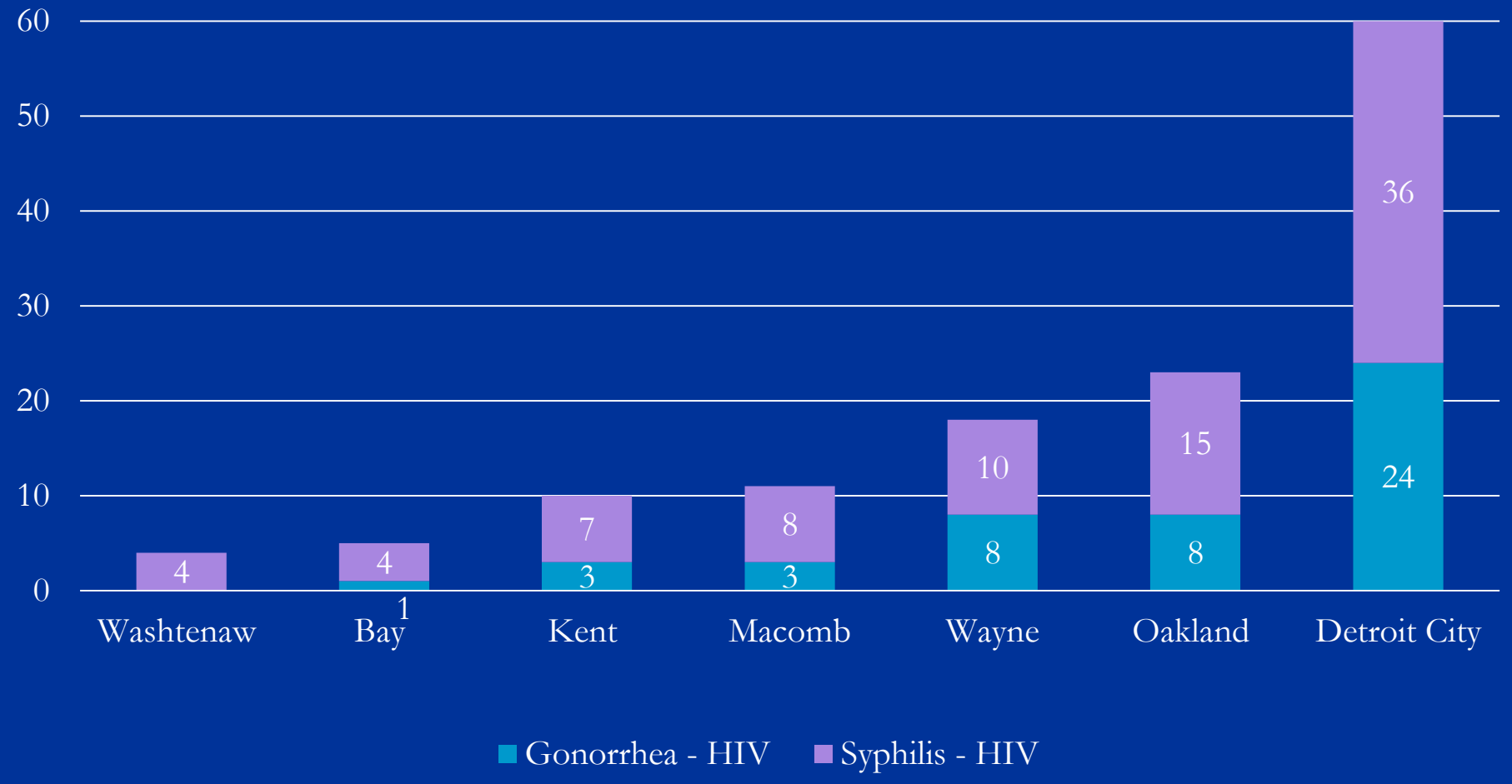


HIV- STD Co-diagnoses

In some cases HIV is co-diagnosed within 30 days of another STD, gonorrhea or syphilis

- In 2017, 153 co-diagnoses were identified
- Of 59 HIV - gonorrhea co-diagnoses,

  69% were linked to HIV care within 60 days
- Of 94 HIV - syphilis co-diagnoses,

  87% were linked to HIV care within 60 days

HIV- STD Co-infections by
Local Health Jurisdiction