



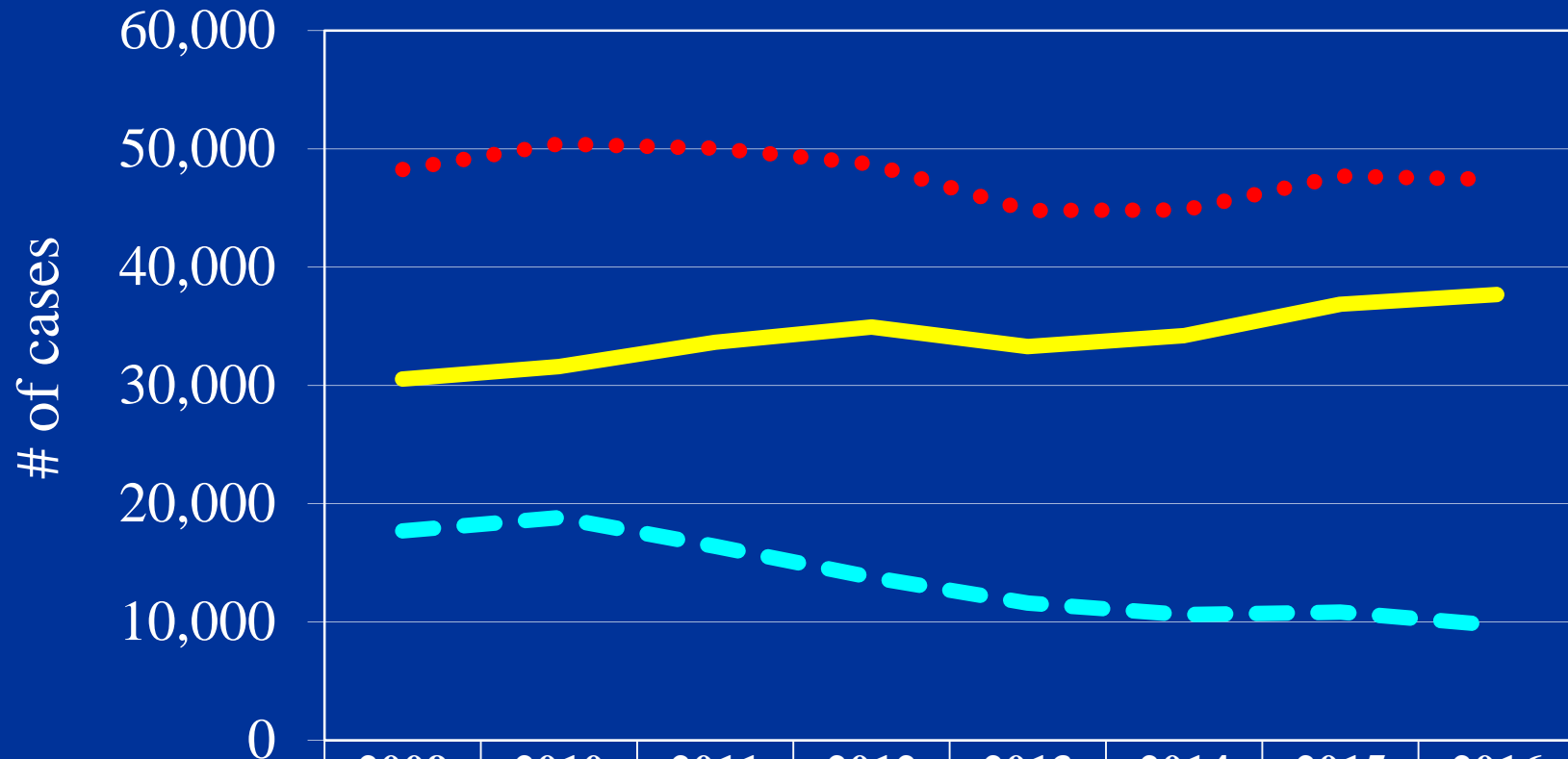
Michigan Department of Health & Human Services

# Michigan Sexually Transmitted Disease (STD) in 2016

## Population Health and Community Services

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

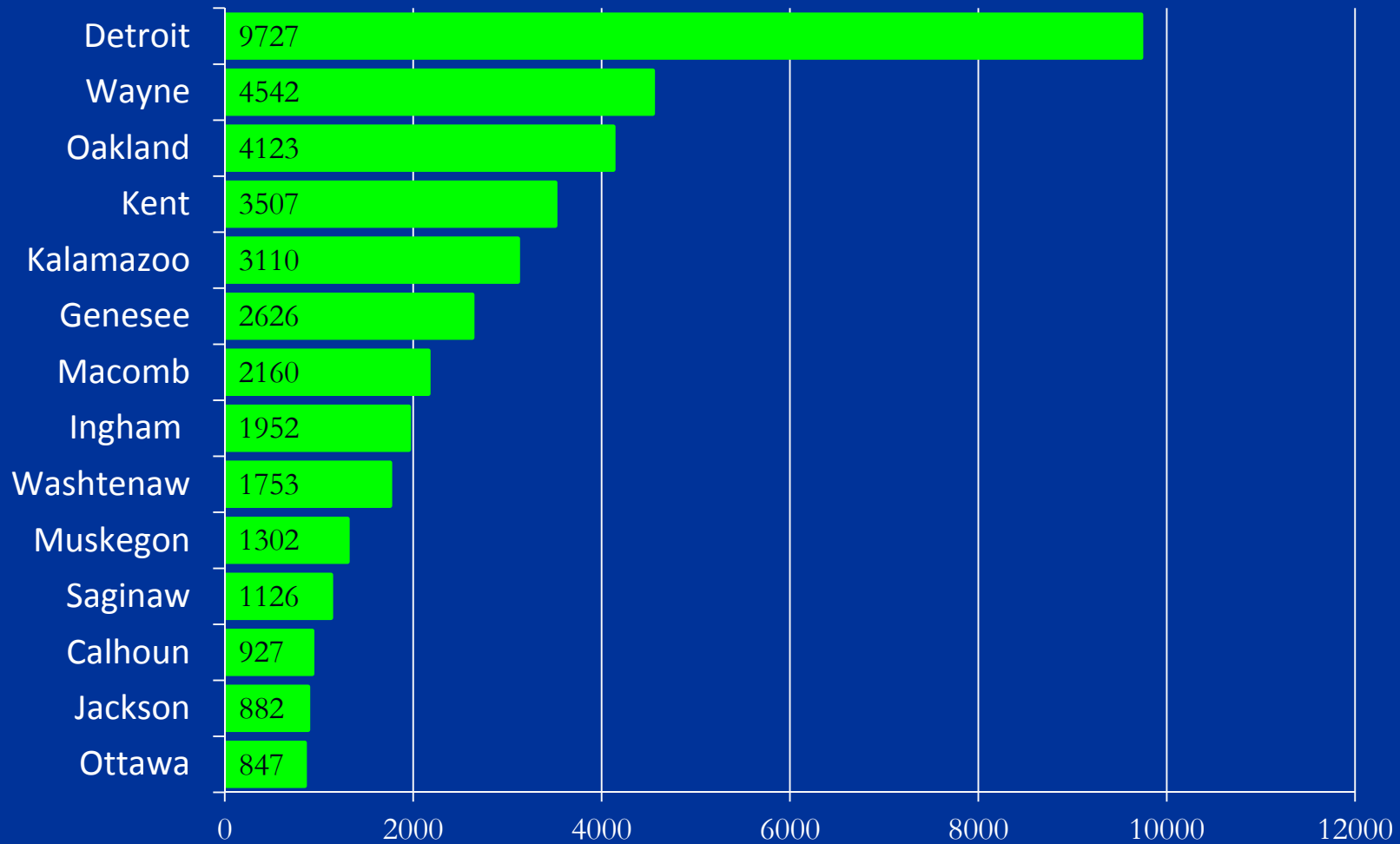
## Chlamydia Cases in Michigan, 2009-16



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

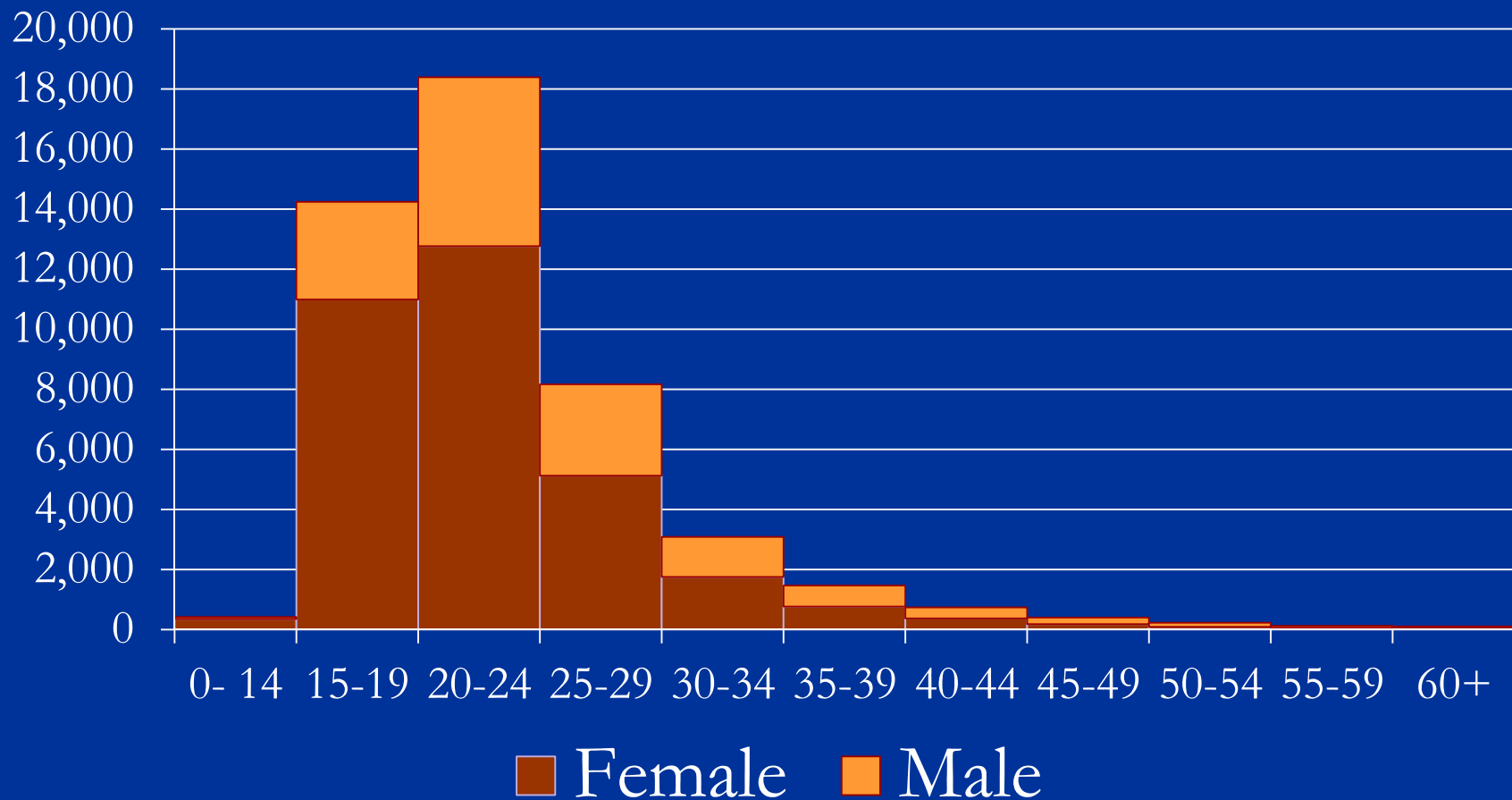
# Chlamydia Cases by County

## 2016 Year (n= 47,414)



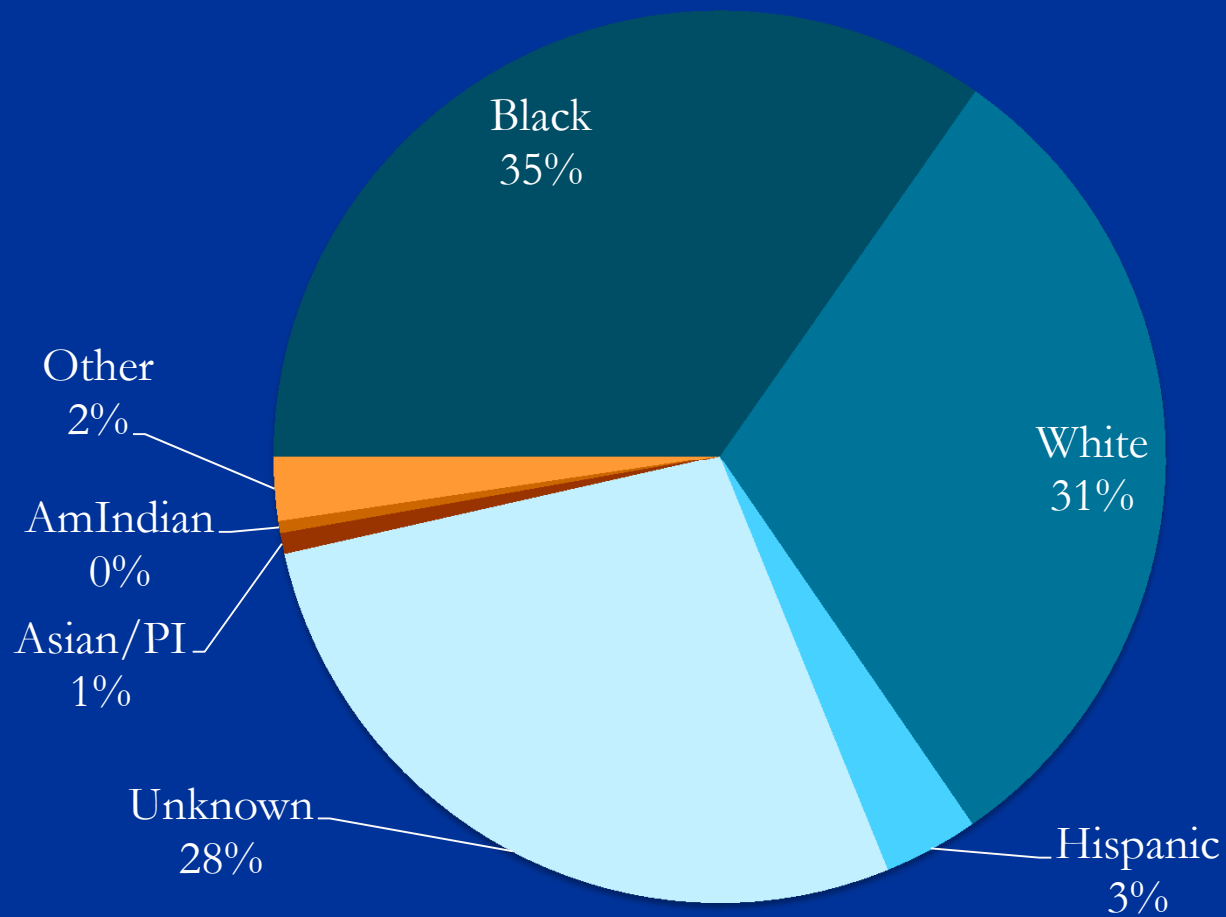
# Chlamydia Cases by Sex 2016

(n= 47,414)

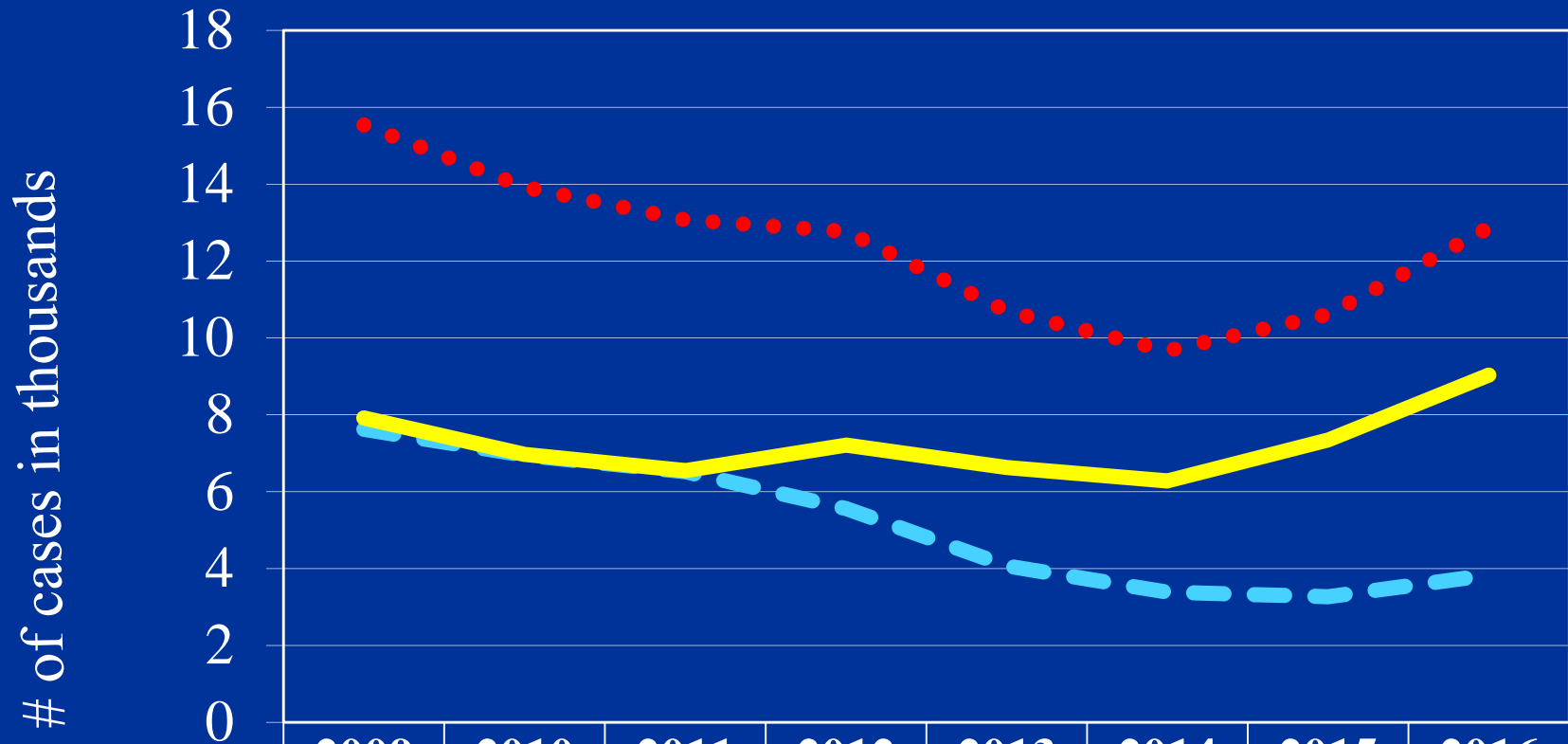


# Race Distribution

## 2016 Chlamydia Cases (n= 47,414)



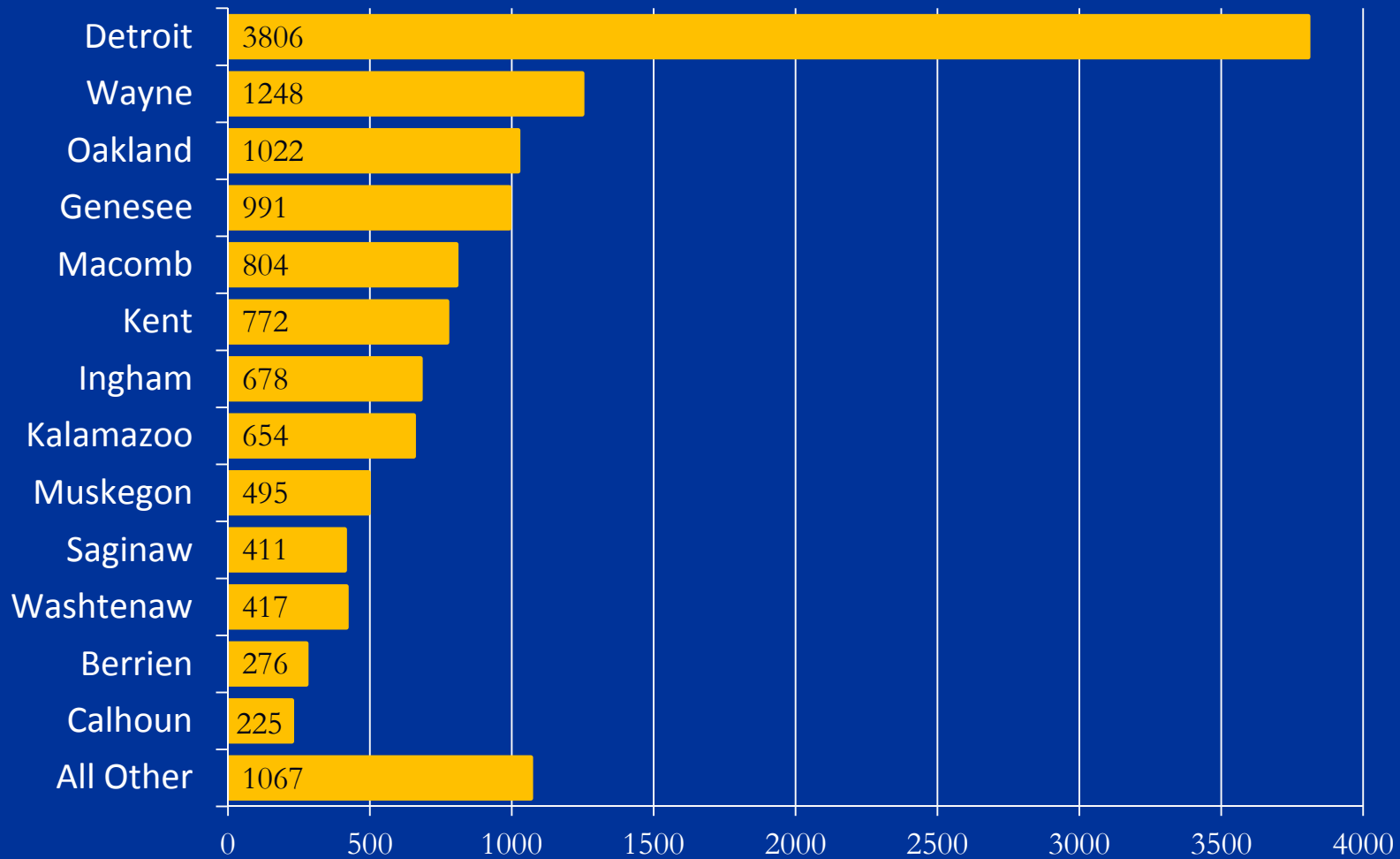
## Gonorrhea Cases in Michigan, 2009-2016



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

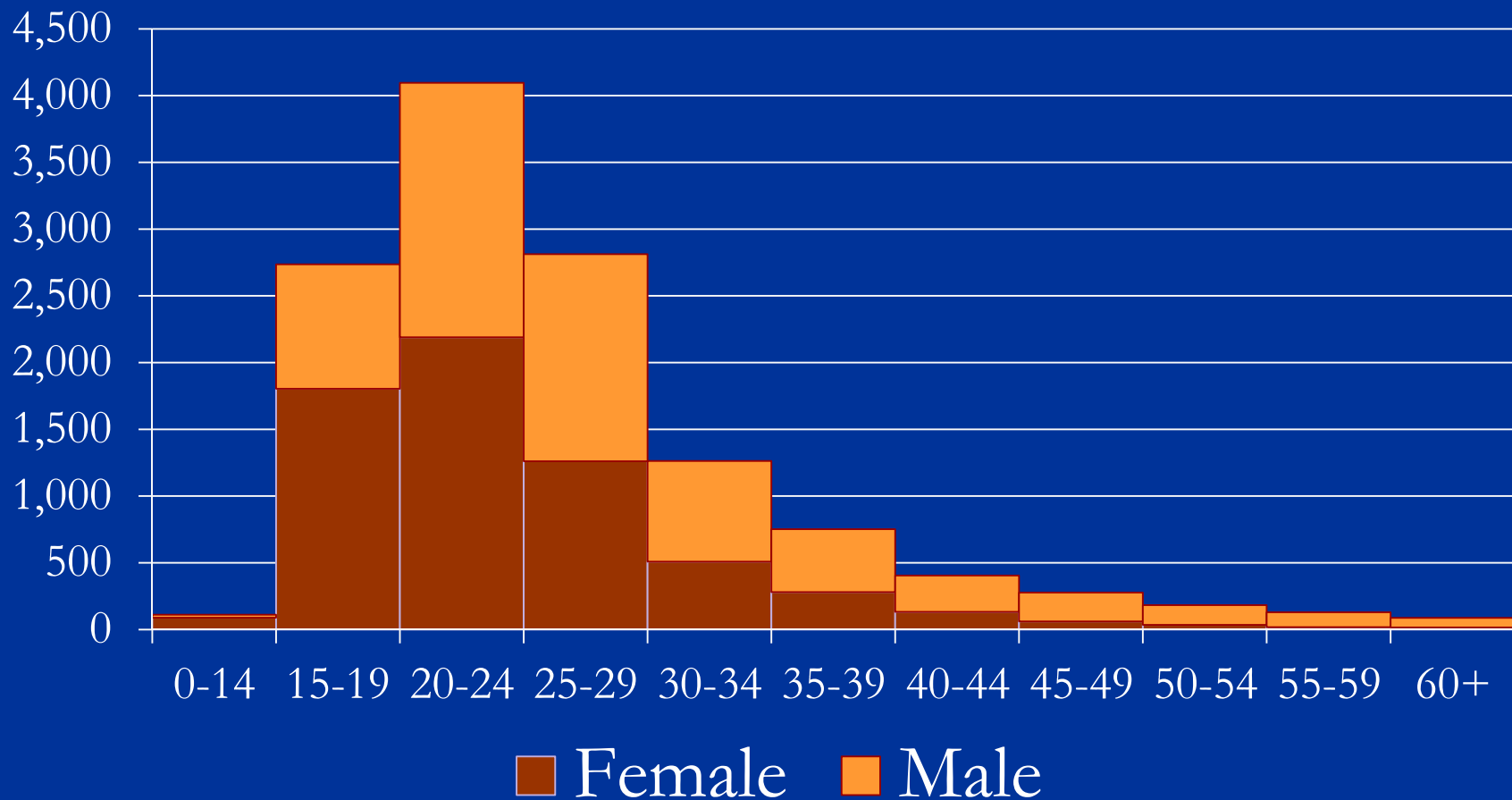
# Gonorrhea Cases by County

## 2016 Year (n= 12,866)



# Gonorrhea Cases by Sex 2016

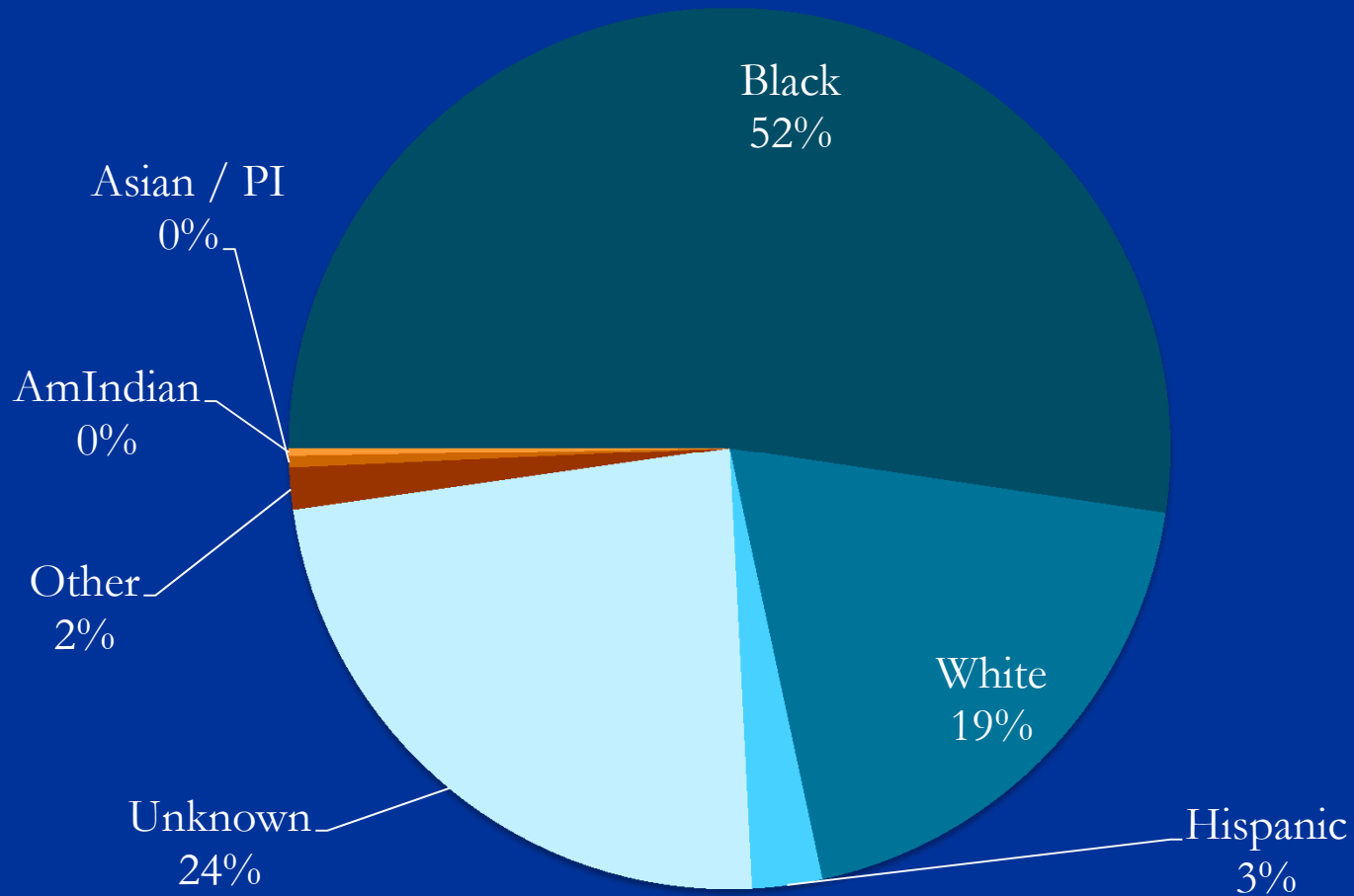
(n= 12,866)



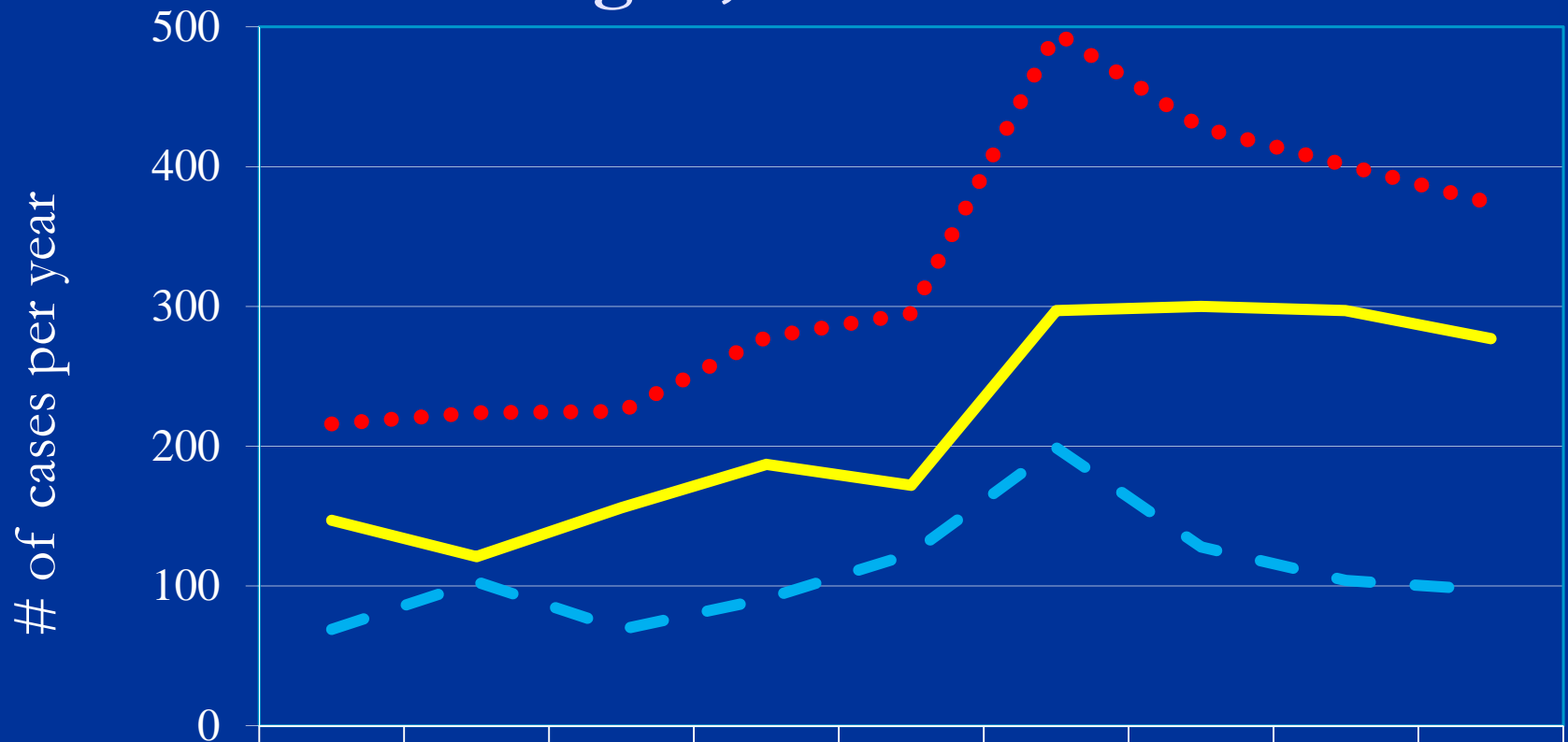


# Race Distribution

## 2016 Gonorrhea Cases (n= 12,866)



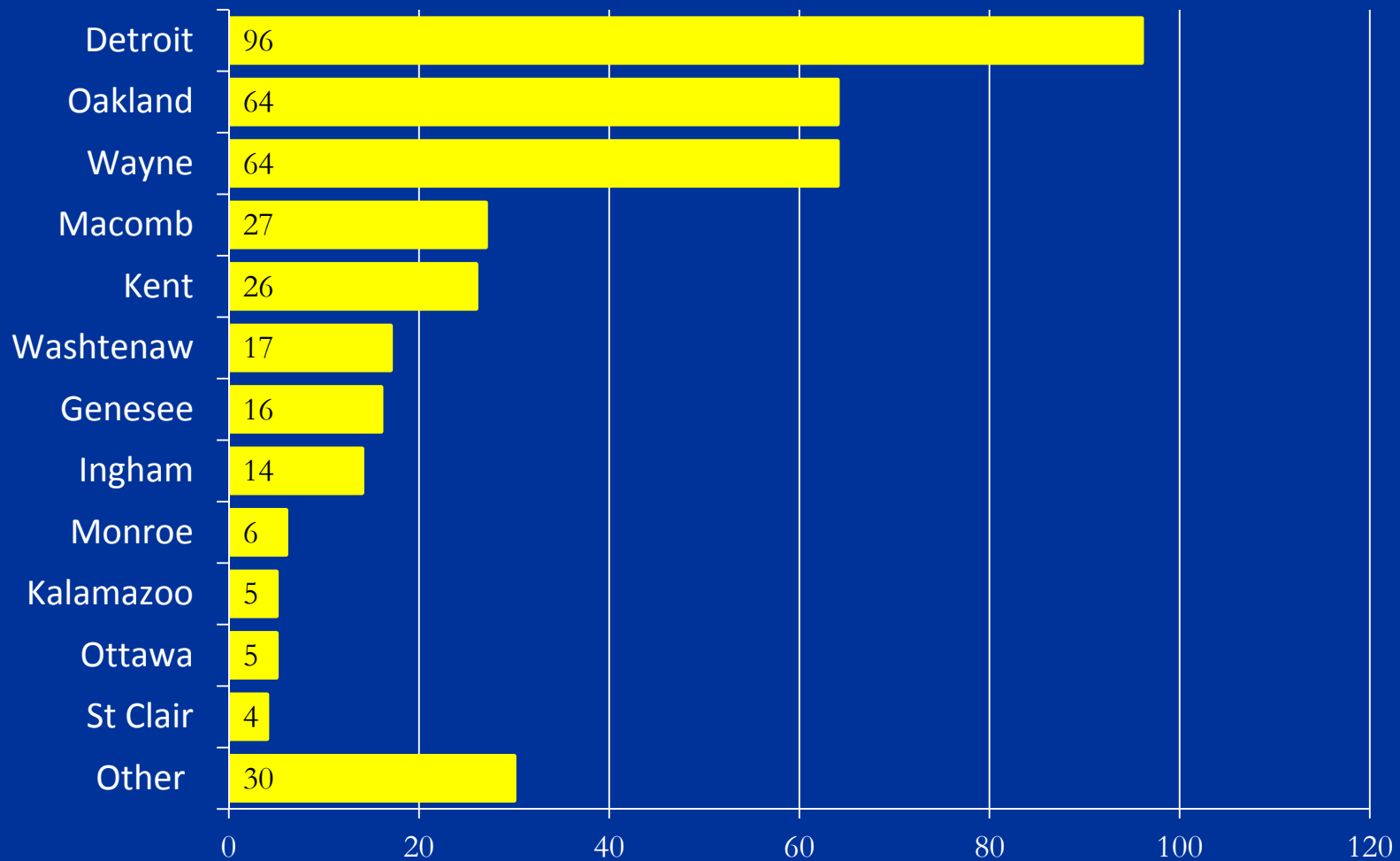
# Primary & Secondary Syphilis in Michigan, 2008- 2016



	2008	2009	2010	2011	2012	2013	2014	2015	2016
••• Michigan	216	224	225	278	295	496	428	401	374
— Detroit City	69	103	69	91	123	199	128	104	97
— Outstate	147	121	156	187	172	297	300	297	277

# P&S Syphilis Cases by County

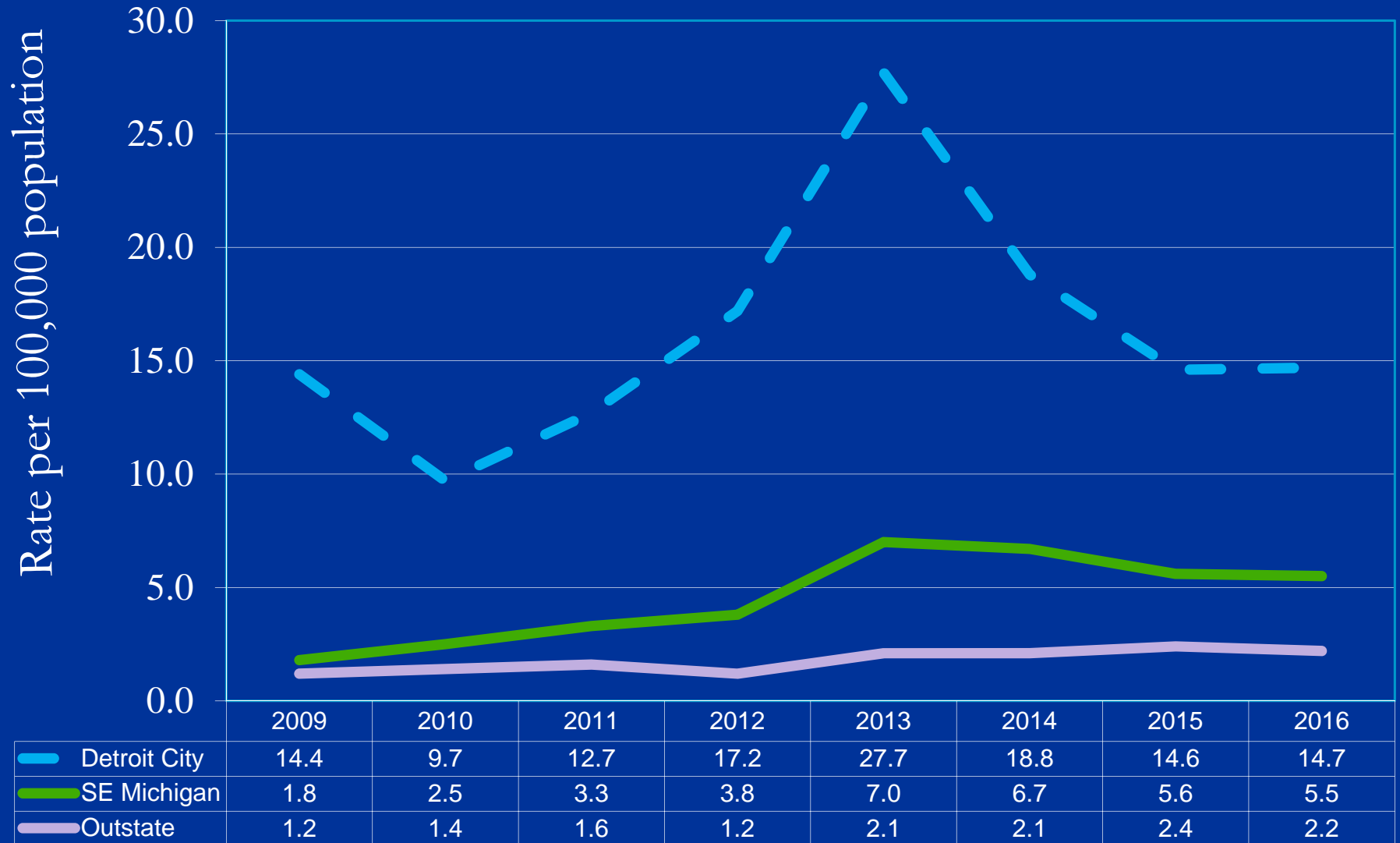
## 2016 Year (n= 374)



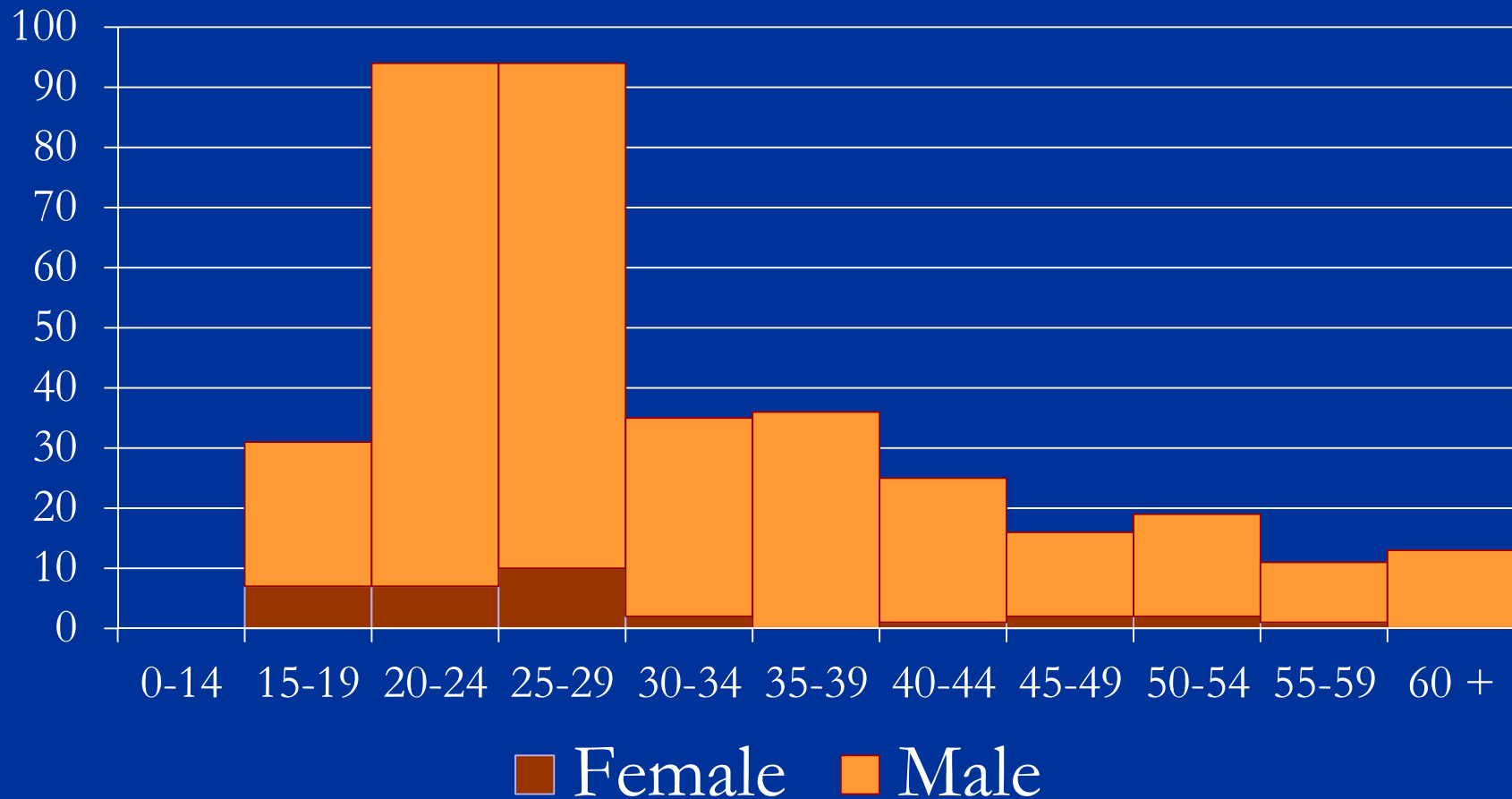
# Primary & Secondary Syphilis

## Rates by area of Michigan 2009 – 2016

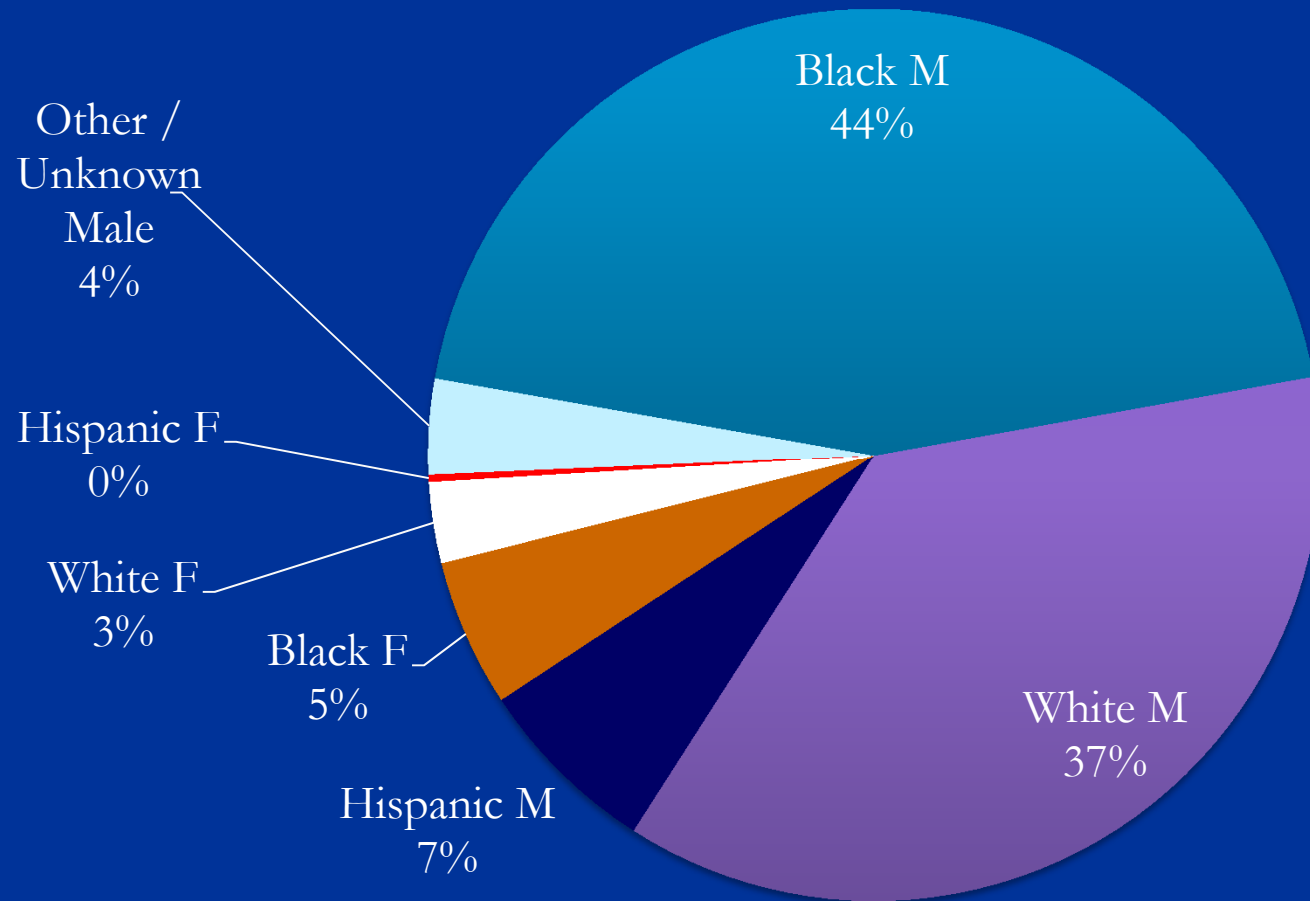
SE MI = Wayne and Oakland Counties



# Primary & Secondary Syphilis Cases by Sex 2016 (n= 374)

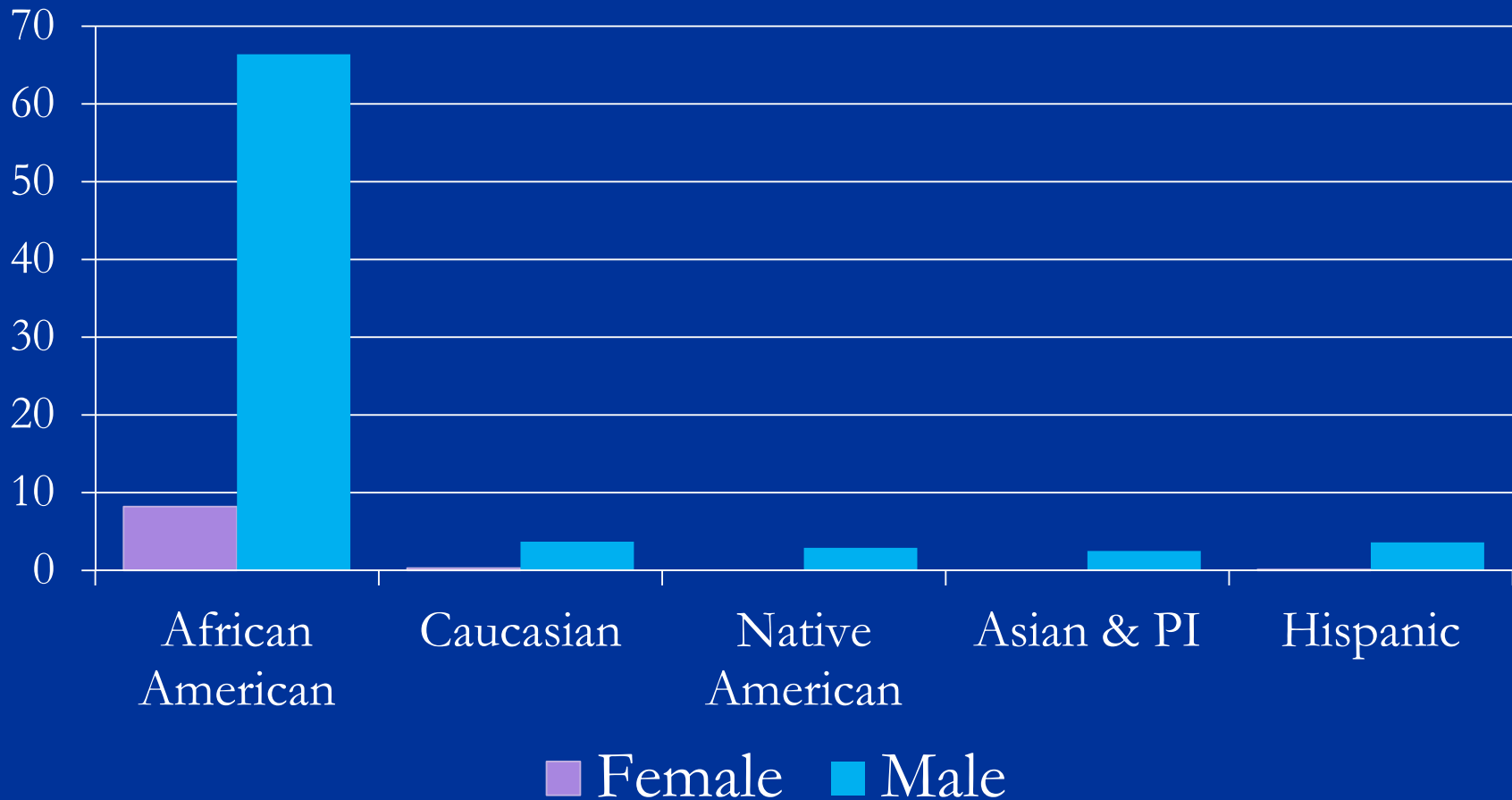


# Sex and Race Distribution 2016 P&S Cases, N= 374

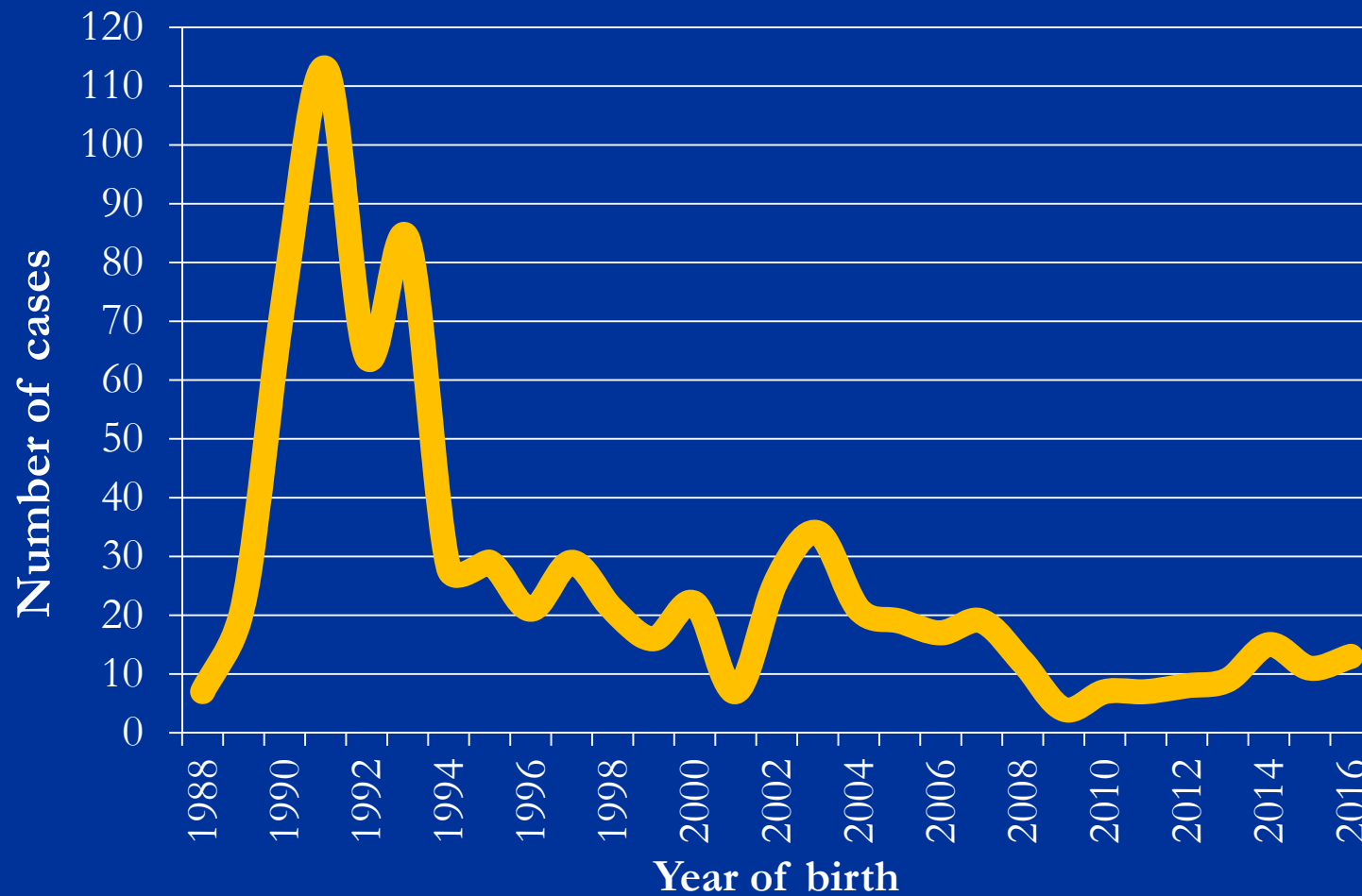


# 2016 P&S Syphilis by Sex and Race

## Rates per 100,000 population



# Michigan Congenital Syphilis 1989 - 2016





# HIV- STD Co-diagnoses

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

- In 2016 101 co-diagnoses were identified
- Of 40 HIV - gonorrhoea co-diagnoses,  
85% were linked to HIV care within 60 days
- Of 61 HIV - syphilis co-diagnoses,  
84% were linked to HIV care within 60 days

## HIV-STD Co-diagnoses by Local Health Jurisdiction

