

EXPEDITED PARTNER THERAPY

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PRESENTATION TOPICS

- Overview of STD Burden
 - What is EPT?
 - Why is EPT Important?
 - What is the role of Pharmacy?
-

National Prevalence of Sexually Transmitted Diseases

Almost 20 million new cases of STDs every year

Approximately 50% among young people ages 15-24

4 of the 5 leading reportable diseases in the US are STDs

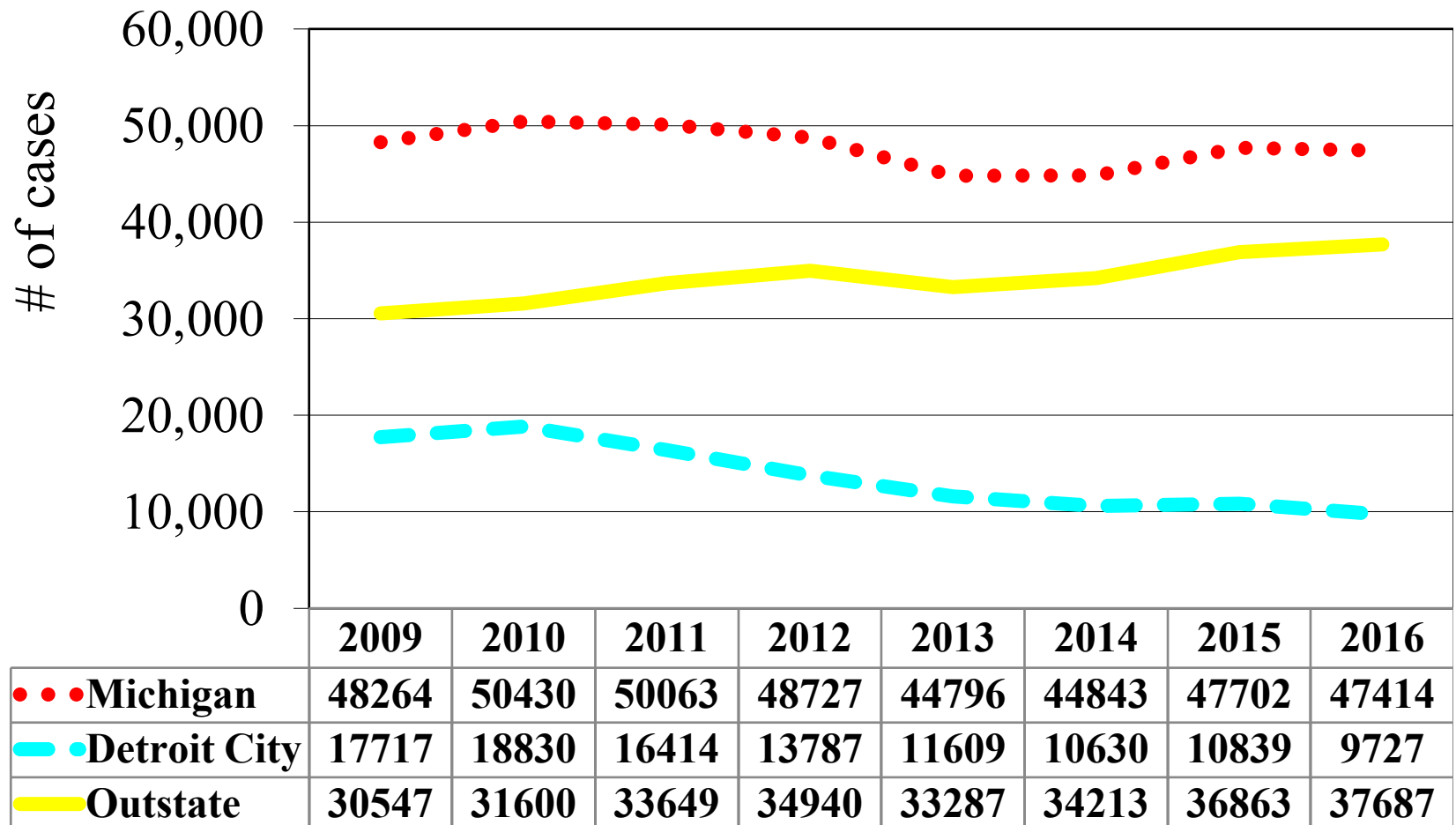
- Chlamydia
- Gonorrhea
- Syphilis
- HIV

STD's in Michigan

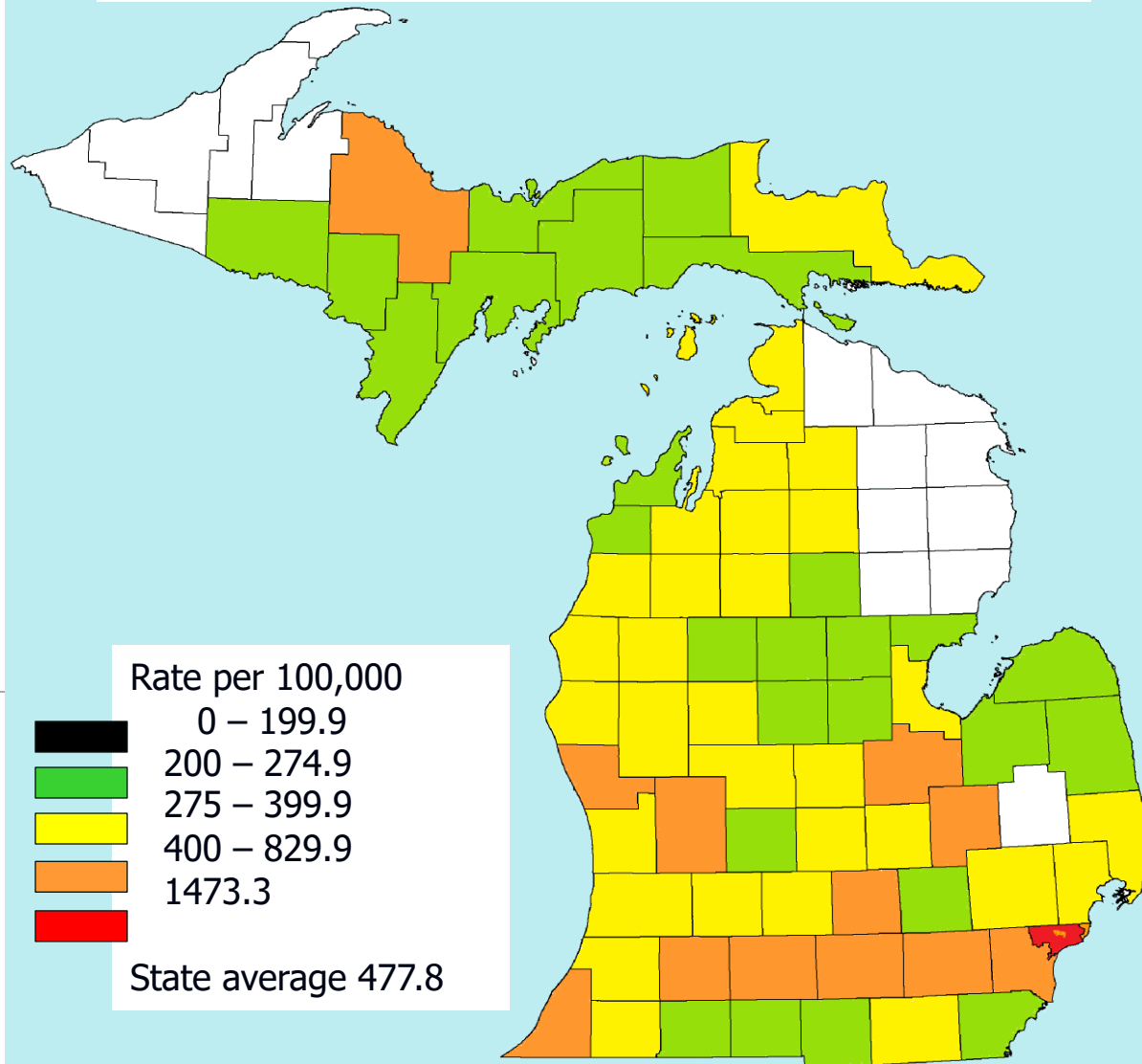
Cases reported in 2016:

- Chlamydia: 47,414
- Gonorrhea: 12,866
- Infectious Syphilis: 374
 - HIV: 748

Chlamydia Cases in Michigan, 2009-16

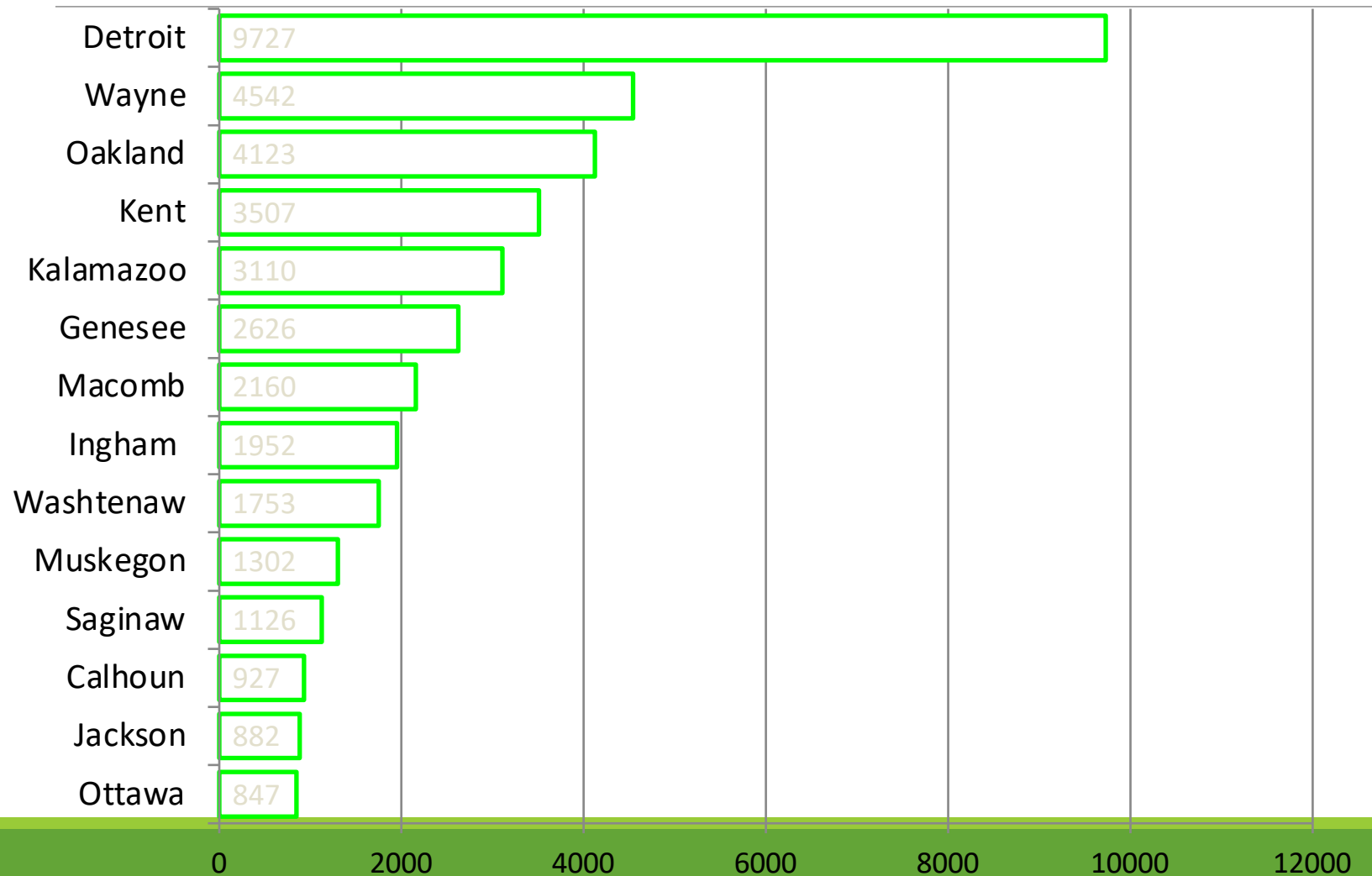


2016 Chlamydia Rates by Local Health Jurisdiction



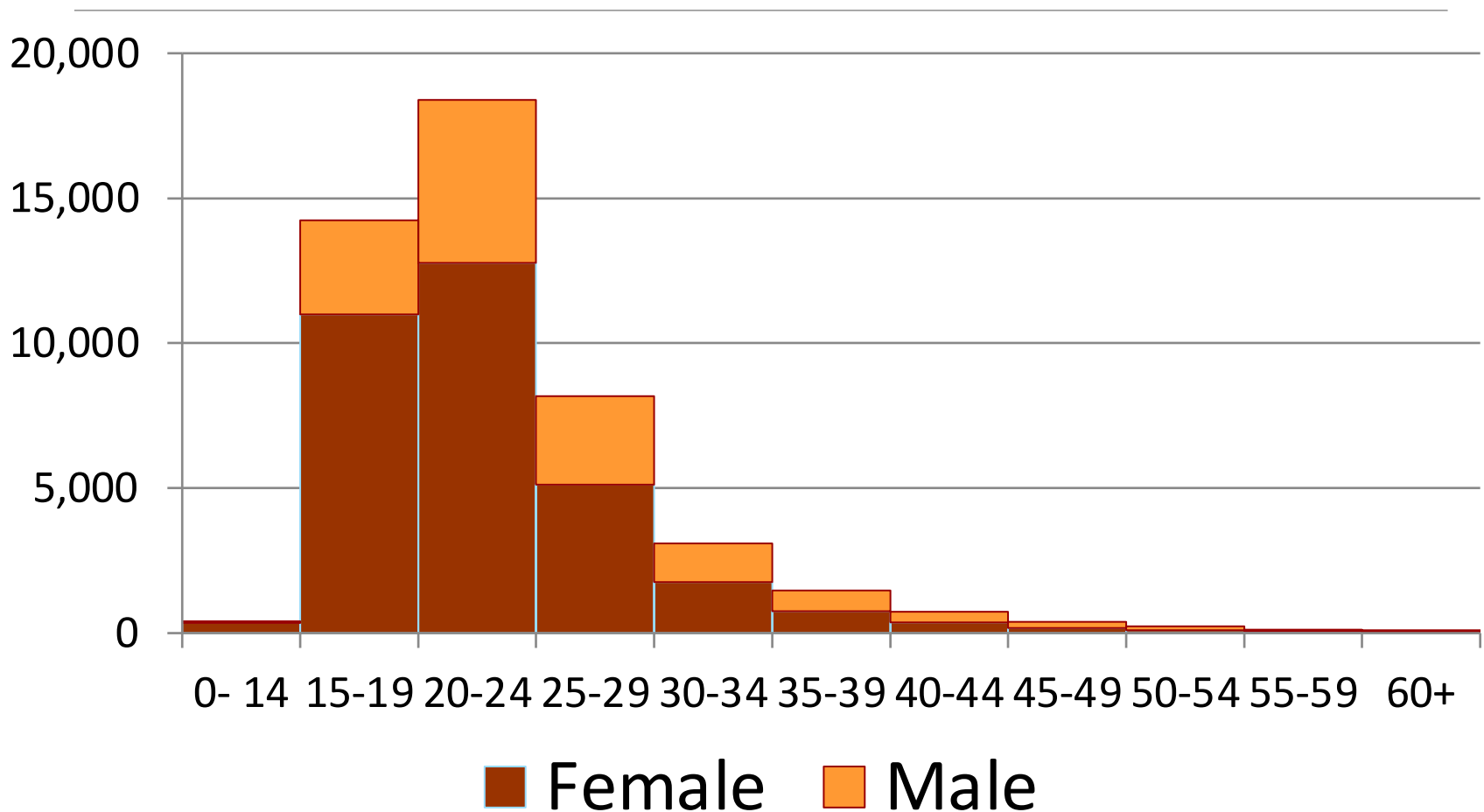
Chlamydia Cases by Health Jurisdiction

2016 Year (n= 47,414)

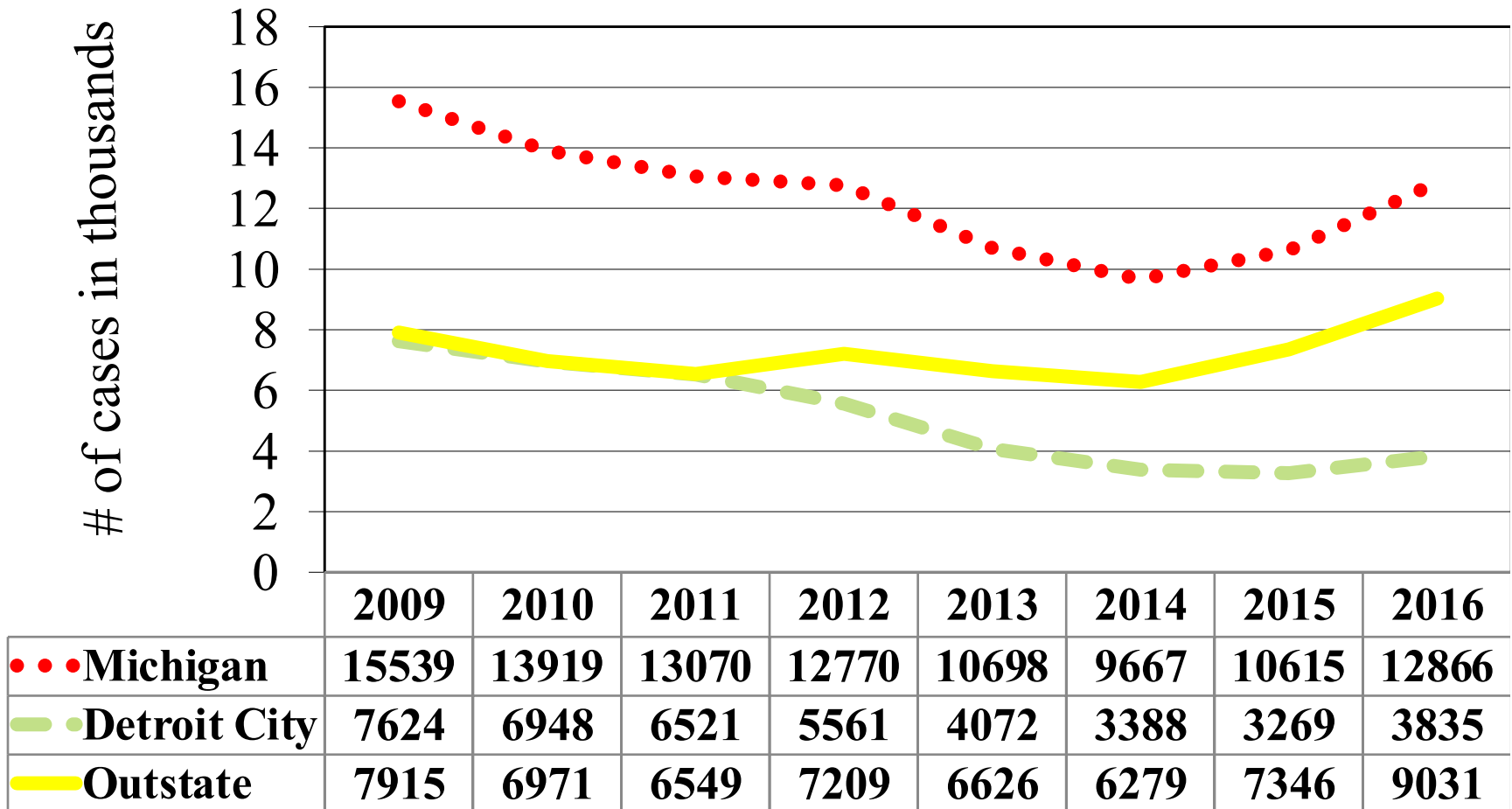


Chlamydia Cases by Sex 2016

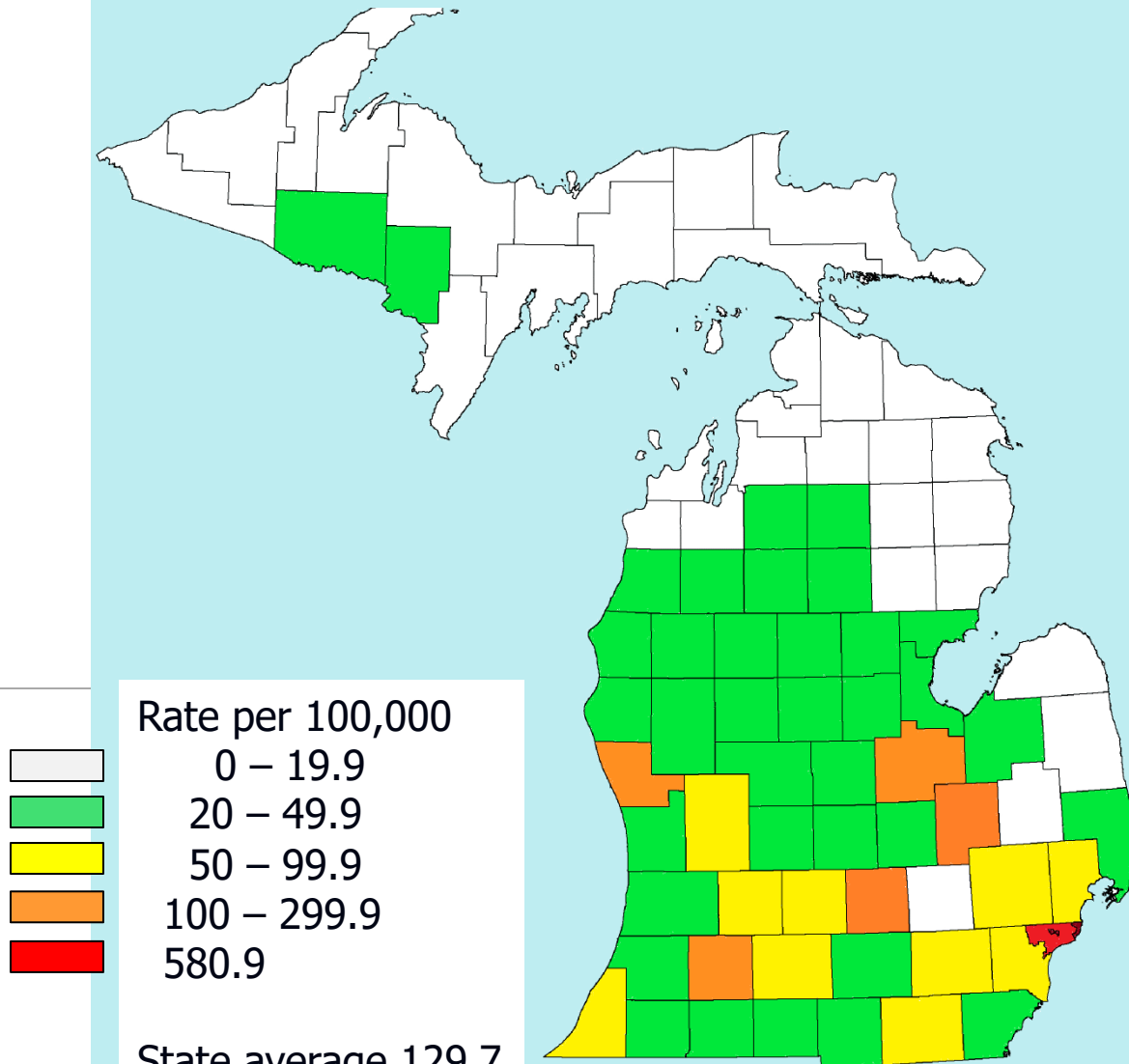
(n= 47,414)



Gonorrhea Cases in Michigan, 2009-2016

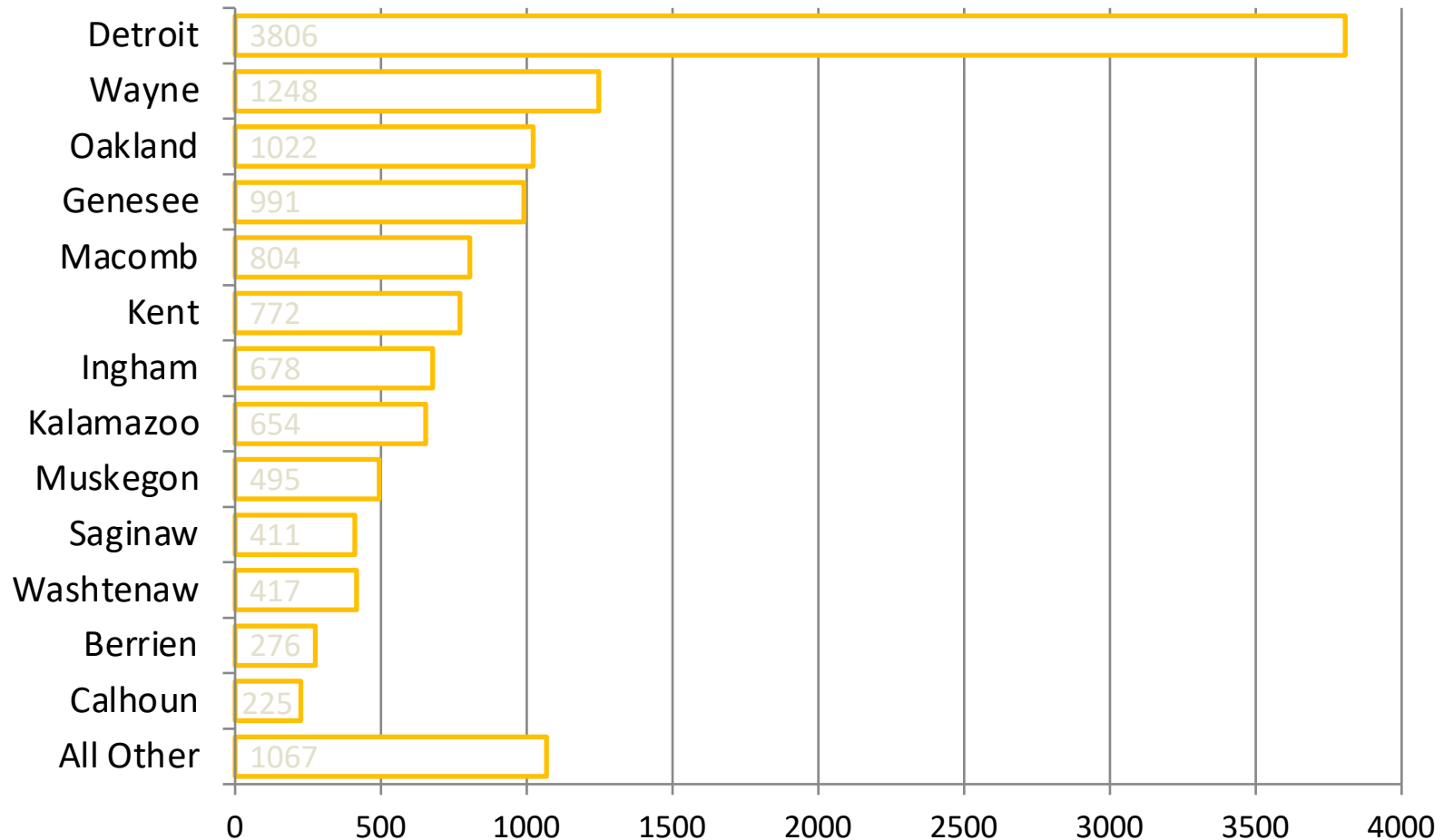


2016 Gonorrhea Rates by Local Health Jurisdiction



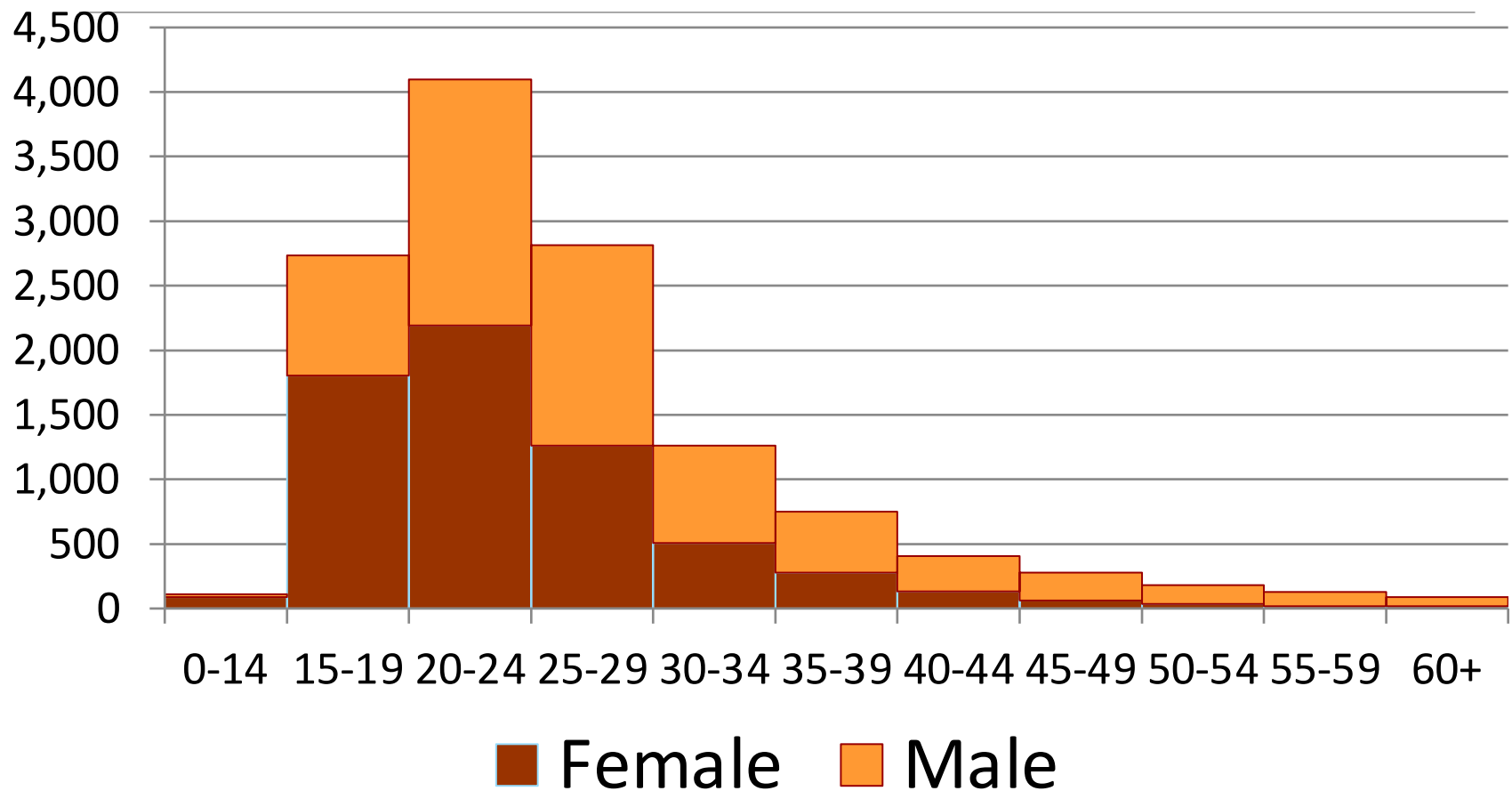
Gonorrhea Cases by Health Jurisdiction

2016 Year (n= 12,866)



Gonorrhea Cases by Sex 2016

(n= 12,866)



Why is STD Prevention so Important?

New STDs cost the U.S. health care system over \$15 billion every year

STDs create a higher risk of HIV infection and certain cancers

STDs in Pregnancy: fetal death, disabilities, prematurity

Women are particularly vulnerable to STDs and their consequences

- Infertility
- Ectopic Pregnancy

What is Expedited Partner Therapy (EPT)?

The practice of treating the sex partner(s) of persons diagnosed with a sexually transmitted infection without an intervening medical evaluation

EPT allows health care professionals to provide patients with antibiotics or prescriptions for their partners without requiring a visit by that partner

Treatment of the partner is critical to preventing further transmission and reinfection

Why EPT is Important in Michigan?

There are approximately 60,000 new sexually transmitted infections reported annually in Michigan

Re-infection rates are very high (20-25% of MDHHS lab run tests)

With diminishing public health resources, there is not enough staff in local health to provide active partner services (PS) to each of these cases

Not all patients are willing to divulge the identity of their sexual partners

Not all partners are willing to go to a health care provider

Many individuals have challenges seeking medical service, including highly limited access to care

Traditional Partner Service Strategies

Patient Referral

DIS Referral

Provider Referral

**All require partner to see a clinician*

Public Act 525 of 2014

This amendment to the Public Health Code authorized the use of EPT in Michigan

Currently EPT can be used for *

- Partners to chlamydia
- Partners to gonorrhea (other than in cases involving men who have sex with men)

*Recommended use is reviewed annually

How is EPT Provided?

One or more partners are unwilling or unlikely to go for evaluation

An EPT 'Packet' is given for each partner:

- EPT Information Sheet (required in law)
- Medication
- Prescription
 - Made out to specific person
 - Made out to Expedited Partner Therapy (D.O.B. 1-1-CY)

EPT Works!

EPT is a vital tool in the STD control tool box that is a proven-effective intervention to reduce re-infection rates

Allows for treatment of partners who may not otherwise be treated

If a partner is not treated, then the treatment of the index patient not effective

What have we learned in Michigan?

45 Health Jurisdictions

- 25 use, 3 starting

2017 Targeted Evaluation Plan (CDC STD Grant)

- 3 geographic areas
 - Detroit EMA, Central MI, Western MI
- Highest reporters of chlamydia

Awareness

- 83% (20/23) had heard of EPT
- 70% (14/20) of those aware are using EPT
 - 7% rarely, 71% occasionally, 21% always

Barriers

- Organizational problems
- **Pharmacy**
- Discomfort treating patients they haven't seen
- Shortage of Cefixime

Pharmacy

Innovative Practice:

- Muskegon County

Challenges:

- Unaware of the law?
- Corporate policy?
- Concerned about allergy or adverse reaction?

MDHHS Publications

Guidance for Healthcare Providers

Information Sheet for Patients and Partners

Publications can be found at www.michigan.gov/hivstd

In Summary

EPT decreases persistent and recurrent STD infections

More likely the partner is treated than if they are referred

Reducing infection is particularly important in women because of the risk of PID and other complications

EPT is at least as equivalent and probably more efficacious than standard partner therapy for chlamydia and gonorrhea, and.....

Pharmacy is a vital part of this intervention!

THANK YOU!

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