

National Academies Committee on Prevention and Control of Sexually Transmitted Infections: Experiences at the Local Level

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Financial Disclosure

- None

- Participating in the NACCHO STI Express Data Collaborative Study - 2019

Nashville/Davidson County, TN

YEAR	POPULATION
2010	601,222
2017	688,901
2018	691,243

- More than twenty 4-year colleges and universities
- About 18 community colleges and vocational schools
- <https://www.nashvillechamber.com/explore/live/schools/community-colleges-and-vocational-schools>. Accessed 9/6/19

2018 Facts	Percent
Whites	65.2%
Black/African American	27.9%
Hispanic	105%
Asian	3.8%
2 or more races	2.5%
Females	51.8%
Males	48.2%
Between ages of 18-64 years	77.7%

Metro Public Health Department of Nashville/Davidson County, Tennessee

Sexual Health Center Demographics Years 2014 – April 2019

- Gender
 - 62% Males
 - 38% Females
- Race
 - 63% Black
 - 33% White
 - 3% Other or unknown
 - 1% Asian
- Ethnicity
 - 94% Non-Hispanic
 - 5% Hispanic
 - 1% Unknown



MPHD Sexual Health Center

-Infectious
Disease
Physician

-Disease
Intervention
Specialists

- Early
Intervention
Specialists

Clinical Services
Director

Clinic Manager

-Nurse Practitioner
-Nurses
-Medical Assistant

Office Support Staff

Billing

- Currently only TennCare insurance is billed
- Testing \$10
- HIV testing is free

Lab results

- Onsite – Trich, RPR and HIV testing
- Uploaded in state of TN electronic record within 3-4 days
- Hardcopies received within 4-5 days

MPHD Sexual Health Center

- Interpreters available via telephone
 - >200 languages



- HIV PrEP clinic...coming soon
 - 1 APN
 - 1 case manager
 - Funded by TN Dept of Health

STIs

- Trend upwards in incidence rates:
 - Chlamydia
 - Females > males; Blacks/African-Americans > Whites; ages 15 – 24 years
 - Gonorrhea
 - Males > females; Blacks/African-Americans > Whites; MSMs
- Syphilis – was plateauing but concern for trend upwards 2019
 - Males > females
- 18% decrease in HIV incidence over the past 5 years (2013-2018)
 - Highest incidence rates – Black/African-American males, MSMs

Challenges

Institution

- Need \$\$\$
 - Need for more financial and human resources
- Distrust of the healthcare system
- Facilities that screen/test but patients can not afford treatment
 - Some patients distrust government

Patients

- Transportation
- Work hours
- Parents of minors
- Temporary residency
 - College/university students return home for vacation

What is MPHD doing to meet these challenges

- Evening clinic once a week
- 2017 Fast (Express) Track service
- July 2018 Results Line
- October 2018 Appointments with slots for walk-ins
- Collaborating with other programs for use of their vehicles
- Give free bus passes
- No patient is refused care
- Expanded role RN training Spring 2019
- Survey regarding hours patients prefer

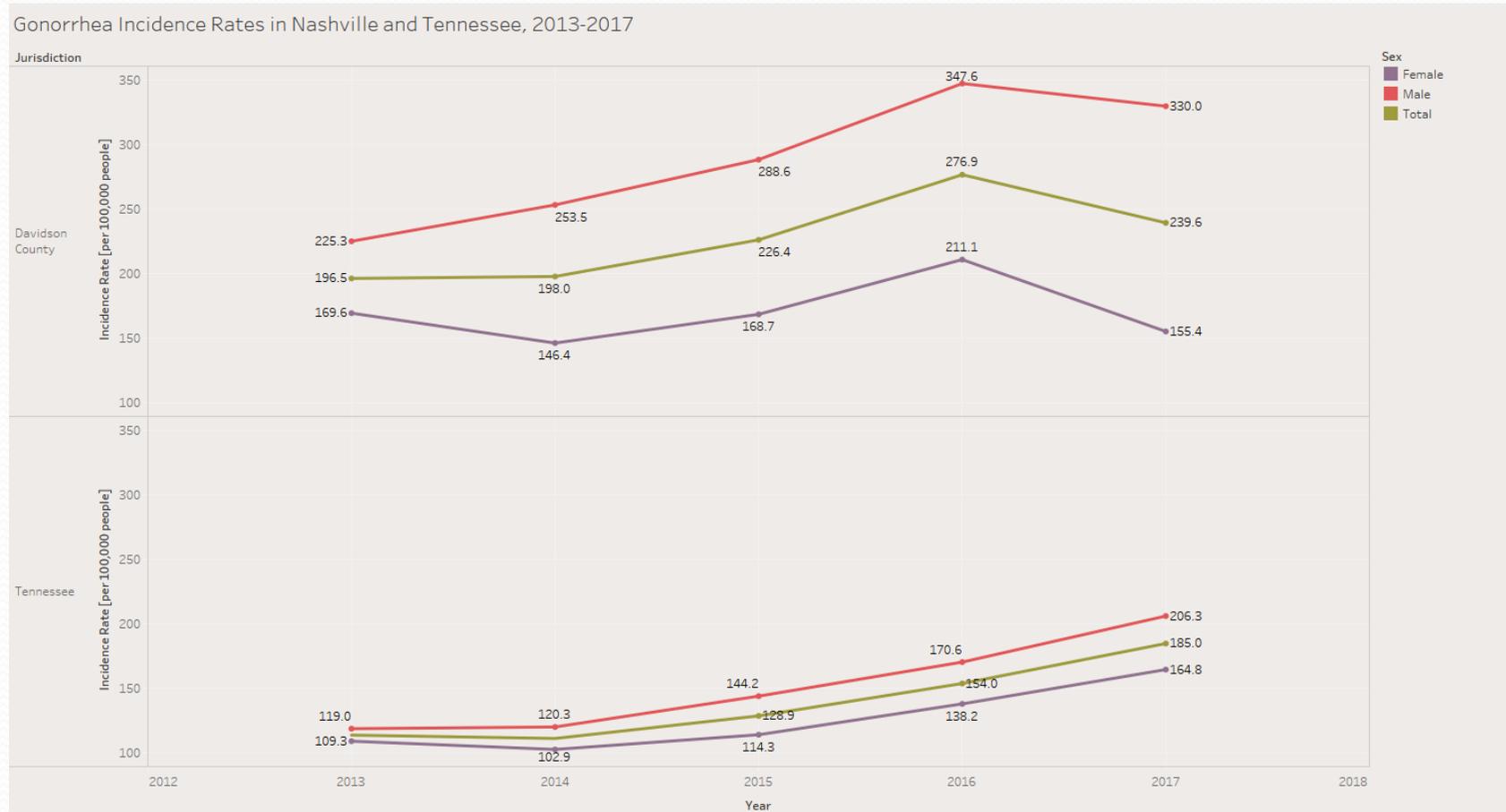
Current Discussions

- Expand access to EPT
 - EPT in the field??
- DIS rotate at each location
- Meet with colleges and universities
- Meet with private business providing STI testing and screening
- Use of social media

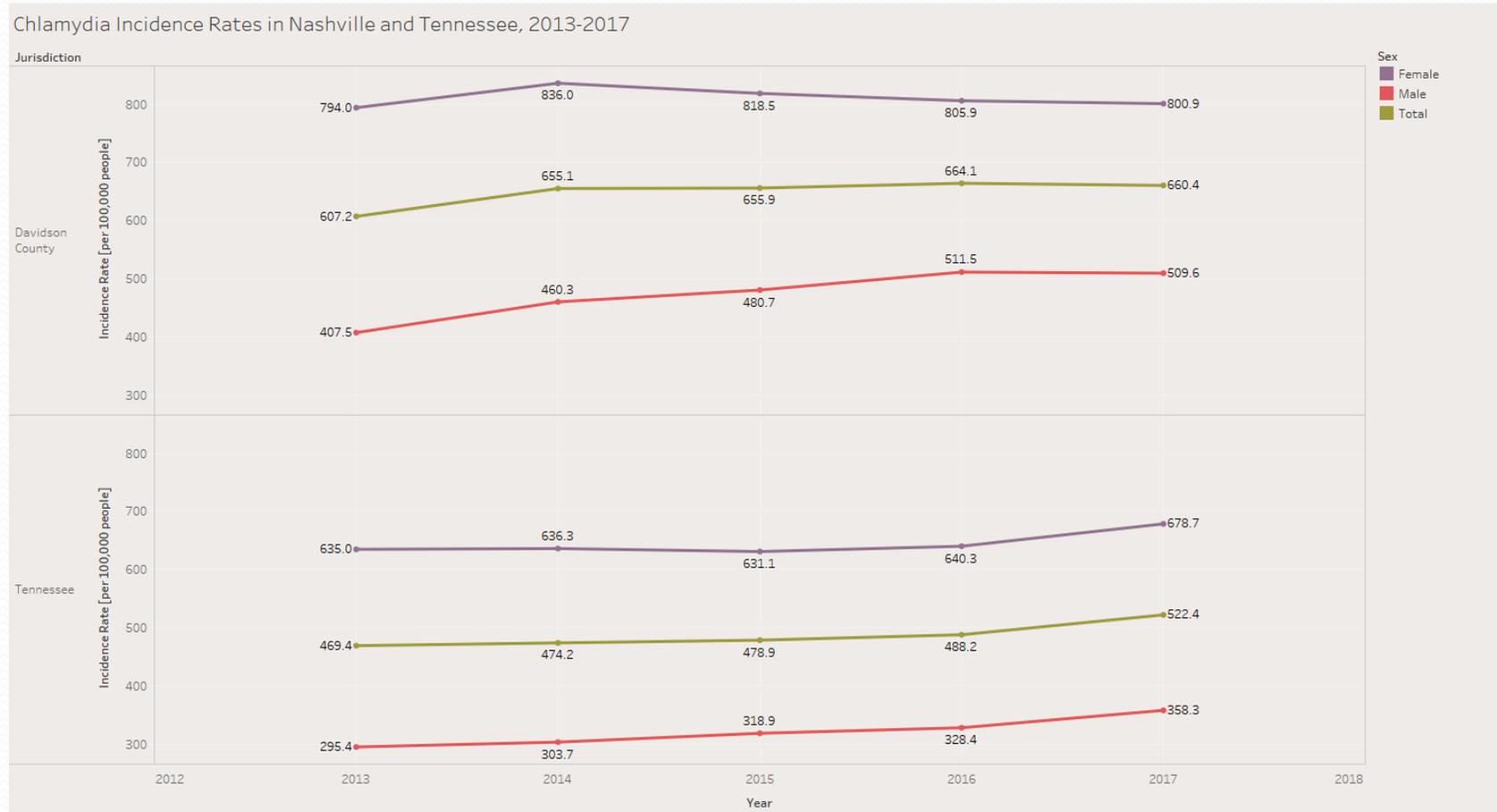


Thank You!

Gonorrhea Incidence Rates - Davidson County 2013-2017

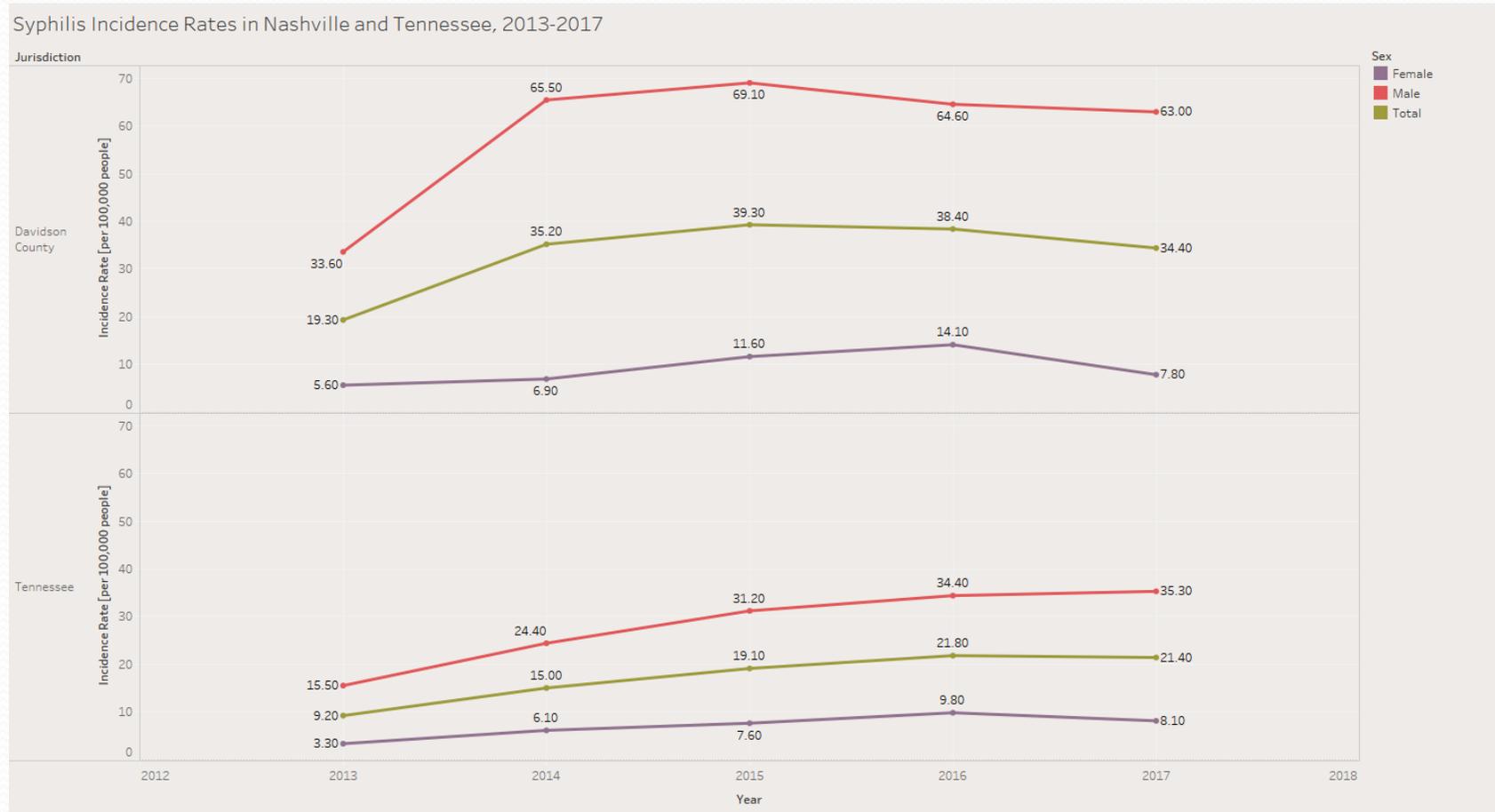


Chlamydia Incidence Rates – Davidson County 2013 - 2017



Syphilis Incidence Rates – Davidson County

2013-2017



Davidson County – Spatial Distribution of STD Incidence by Zip Code, 2016

