

HIV PARTNER SERVICES

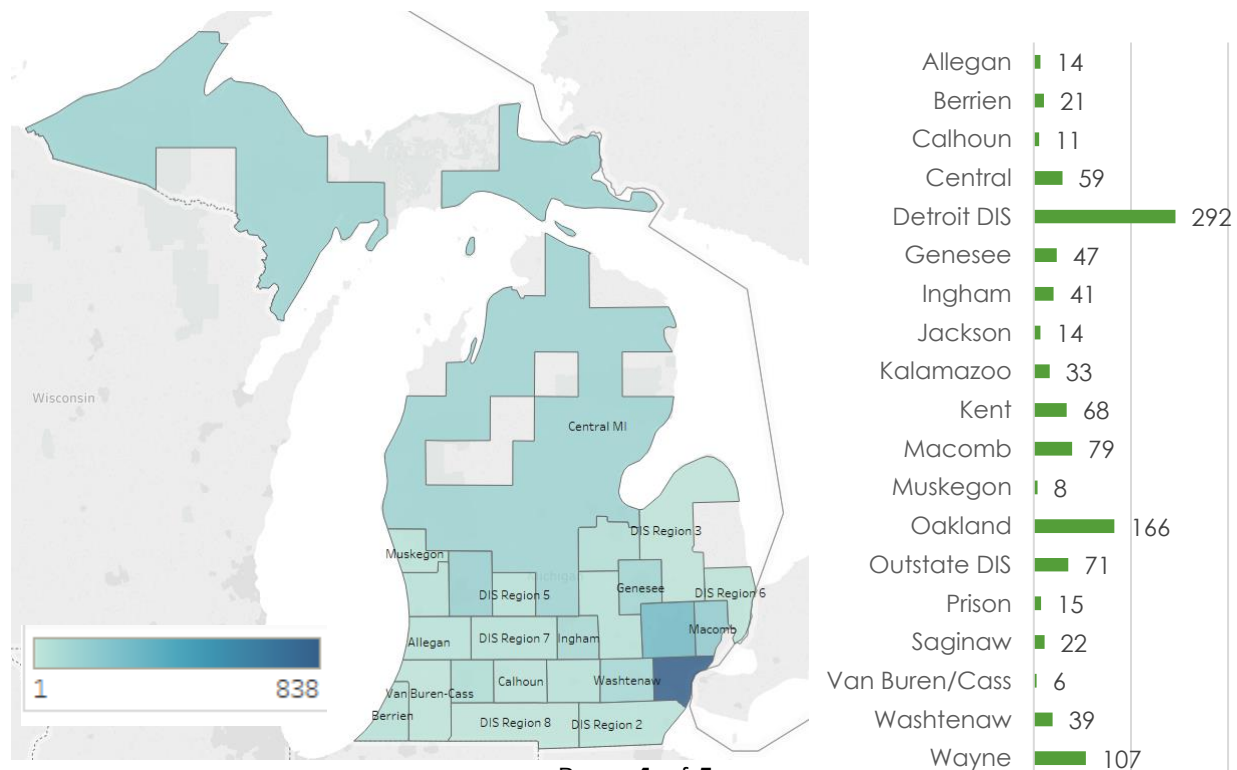


Partner Services (PS) are assistance offered to persons recently diagnosed with HIV or previously positive but new to Michigan. Local health jurisdiction staff – either local health department prevention staff or MDHHS disease intervention specialist (DIS) – reach out to contact, interview, offer referrals, and discuss the importance of partner notification with these people living with HIV (PLWH). Partners named in the process are notified confidentially and offered HIV testing and counseling.

HIV Partner Services activities are funded through Centers for Disease Control and Prevention (CDC) announcement PS 12-1201 and renewed with PS 18-1802. For more information, see the CDC website: <https://www.cdc.gov/hiv/library/reports/index.html>

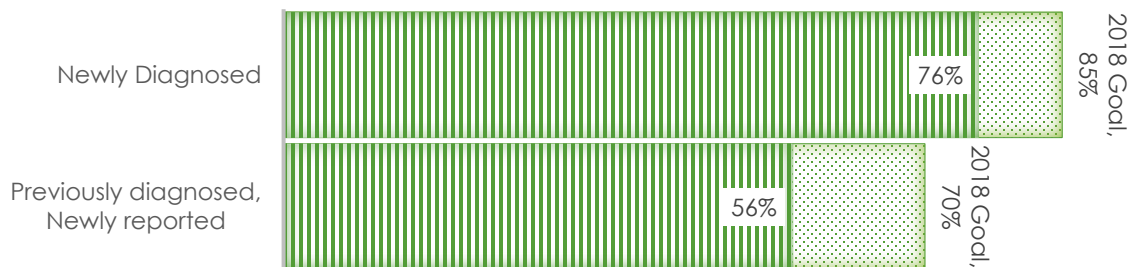
Case Assignment by Jurisdiction

Newly reported PLWH are assigned to local health jurisdictions by the HIV Surveillance program. Partner notification is performed by either the client or PS staff according to the client's preference. In 2017, **1,113** PLWH were initiated for partner services in Michigan. The shaded portion of the map below shows the counties (grouped by health jurisdiction) where clients resided. Higher number of clients are indicated by darker shading.



Partner Services Interviews

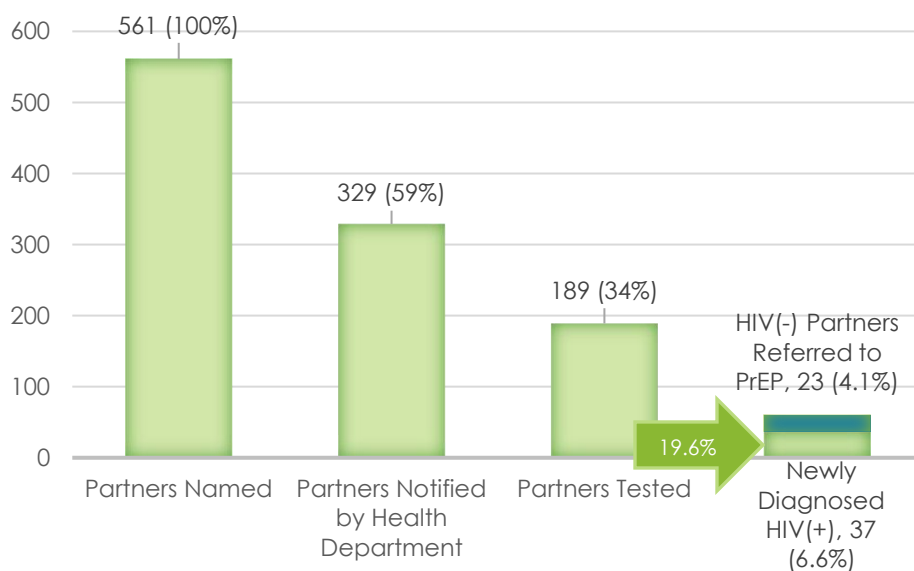
While partner notification is required for PLWH, participation in partner services is voluntary. There were **825** people newly diagnosed with HIV initiated for partners services in 2017 and **76 percent** were located and consented to an interview. Another **288** previously diagnosed people living with HIV who were new to Michigan were initiated for partner services, of whom **56 percent** were located and interviewed. Program goals set by CDC are shown for reference.



Partners Identified through PS

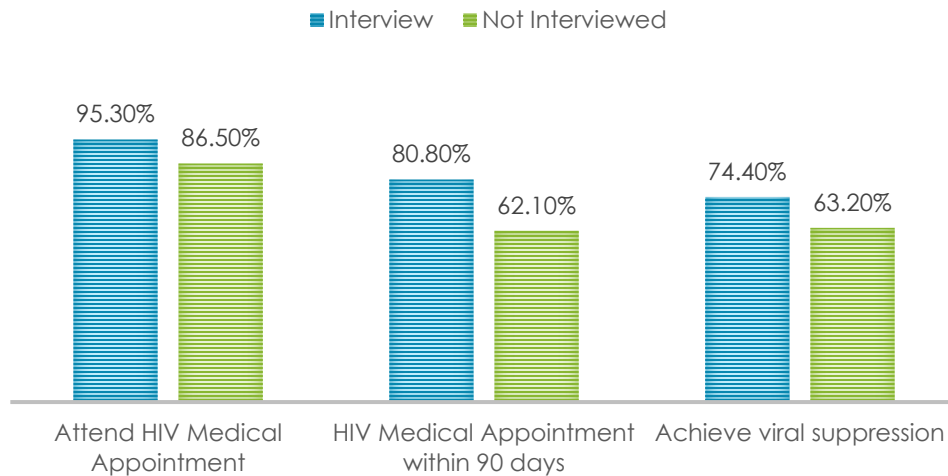
Through those investigations, **561** partners were named, and **329** partners were successfully notified by local public health. Of **189** tested partners, **37** were identified as new HIV diagnoses, signifying a positivity rate of **19.6 percent**. Of partners who tested negative, **12 percent** were referred to pre-exposure prophylaxis (PrEP).

CDC has set a goal of **70 percent** of notified partners being tested. In 2017, **57 percent** of notified partners in Michigan had a recorded HIV test from partner services.



Care Rates among Clients

In 2017, **1,113** PLWH were initiated for follow up by local health department (LHD) and disease investigation specialists for partner services. Of those, both newly diagnosed and previously positive, **786 (71 percent)** were interviewed for partner services. Those interviewed for partner services have a higher probability of being linked to care (defined as having a CD4 or viral load result reported) and becoming virally suppressed (defined as having a viral load ≤ 200 copies/mL) than those who are not located or who refuse partner services.



Based on all **2,124** index clients assigned in 2016 and 2017, the association between partner services interview and viral suppression was statistically significant using multivariate logistic regression. Index clients interviewed by PS had **1.846 (95% CI 1.467, 2.323)** times higher odds of achieving viral suppression than not interviewed clients with the same demographics.

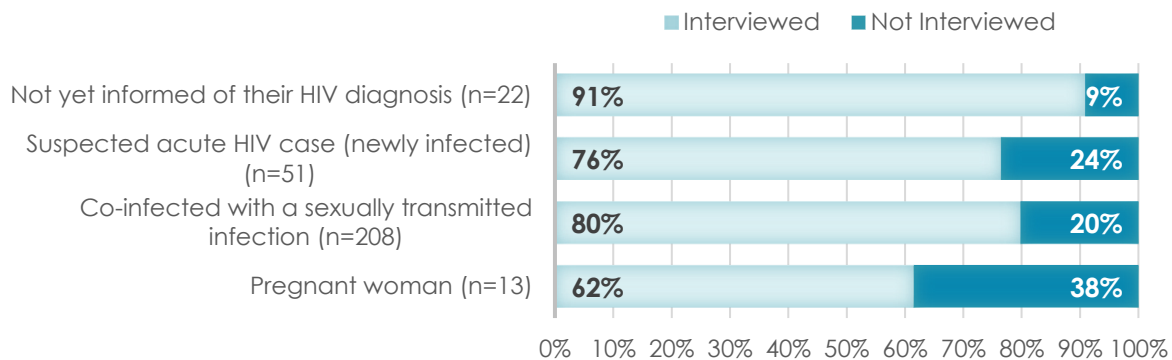
High Priority Partner Services

Partner Services cases are assigned to local health departments as “High Priority” if they meet one or more of these criteria:

- Pregnant woman
- Co-infected with another sexually transmitted infection
- Suspected acute HIV case (newly infected)
- Not yet informed of their HIV diagnosis

LHDs and DIS prioritize these cases and attempt to contact them within 48 hours to interview and address their additional health concerns quickly.

In 2017, there were **221 (20 percent)** of all cases) high priority index cases assigned for partner services. Among high priority cases, PS staff were successful at locating and interviewing **62 percent** of pregnant women, **82 percent** of co-infected cases, **76 percent** of acute cases, and **91 percent** of people who had not yet been informed of their HIV positive status. Note that some high priority cases may fall into more than one high priority category.



Among **208** co-infected cases assigned for partner services, **63 percent** were co-infected with syphilis and **37 percent** were co-infected with gonorrhea. Chlamydia data was not included in this report.

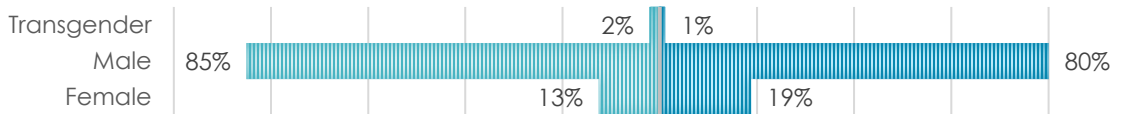
More information on STI data in Michigan is available here:

https://www.michigan.gov/mdhhs/0,5885,7-339-71550_2955_2982_46012---,00.html

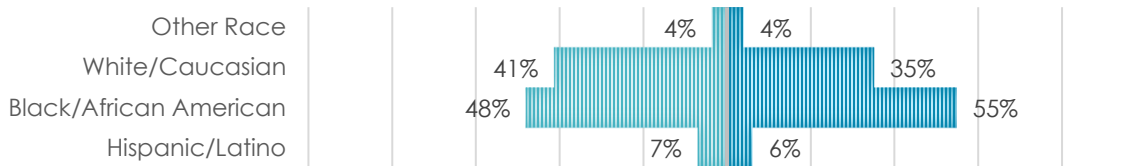
Select Characteristics of HIV Positive Cases assigned to Partner Services in 2017

■ No Interview (N=327) ■ Interviewed (N=786)

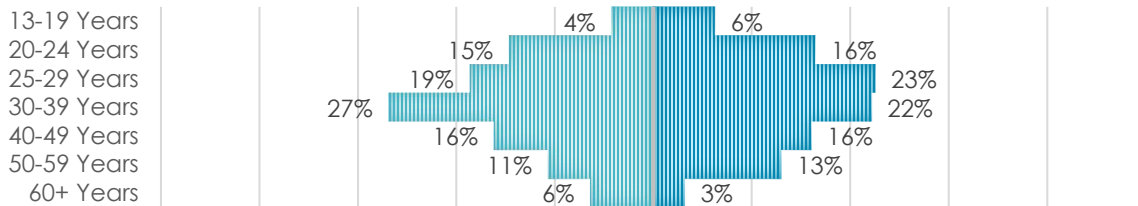
GENDER



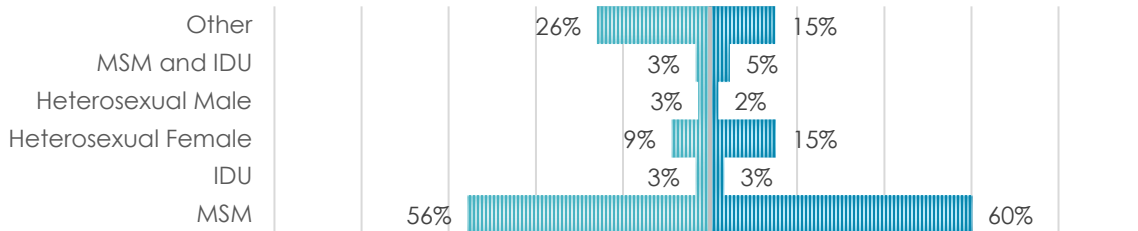
RACE



CURRENT AGE



RISK



MSM = men who have sex with men
IDU = Injection drug users

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Revised 5/17/2018