

The relationship between STDs and recent HIV diagnosis – Connecticut, 2016

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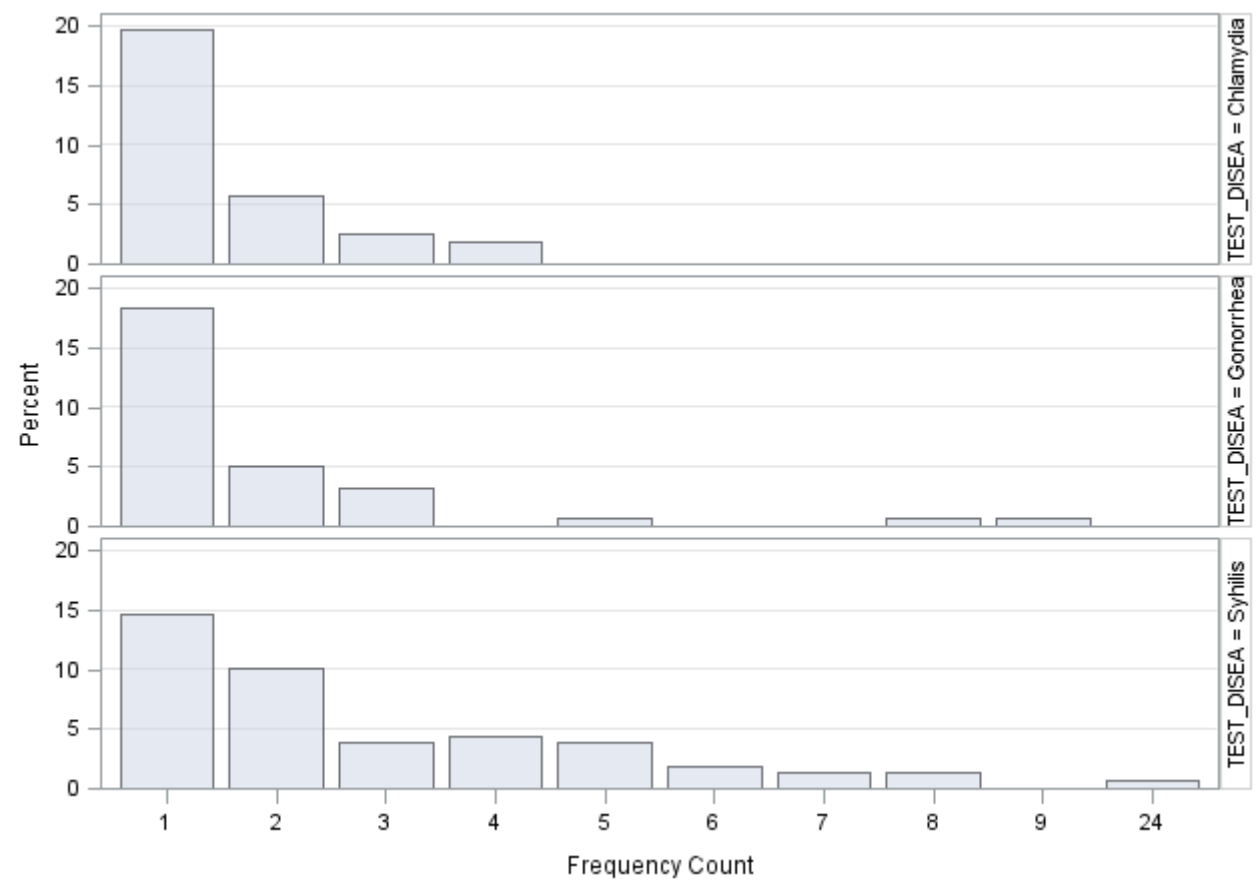
Methods

- Patients identified as having a new HIV diagnosis were cross-referenced with CT DPH STD registry
 - Chlamydia, gonorrhea and/or syphilis
 - Demographic and clinical information
- Analysis
 - Descriptive
 - Logic regression (on-going)

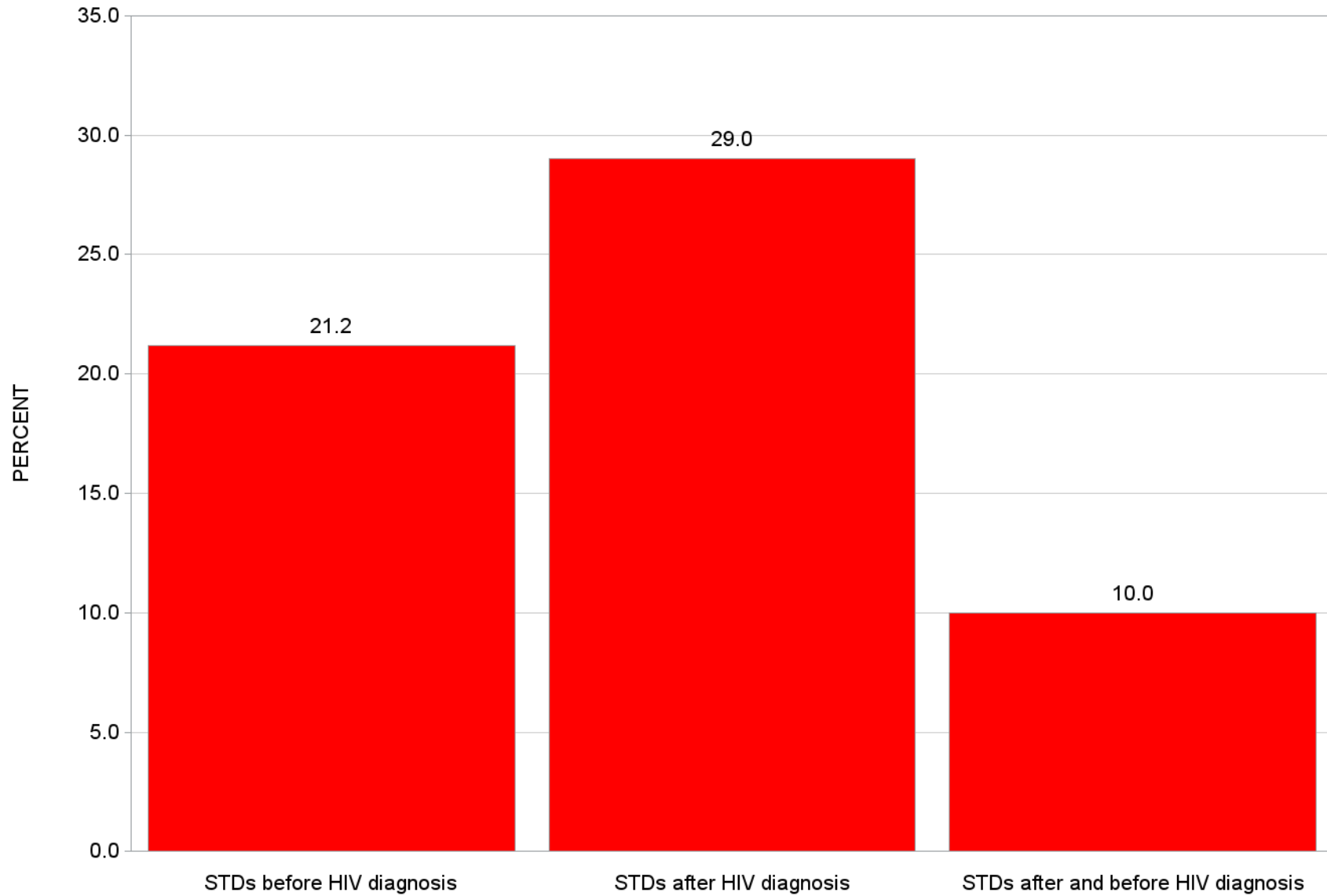
Results

- Out of 269 newly HIV diagnosed cases in 2016, 161 (60%) returned a match
- 108 (40%) had STD info (chlamydia, gonorrhoea, syphilis)
 - Before HIV diagnosis (N=57)
 - After HIV diagnosis (N=78)
 - or both (N=27)

STD Distribution for this population

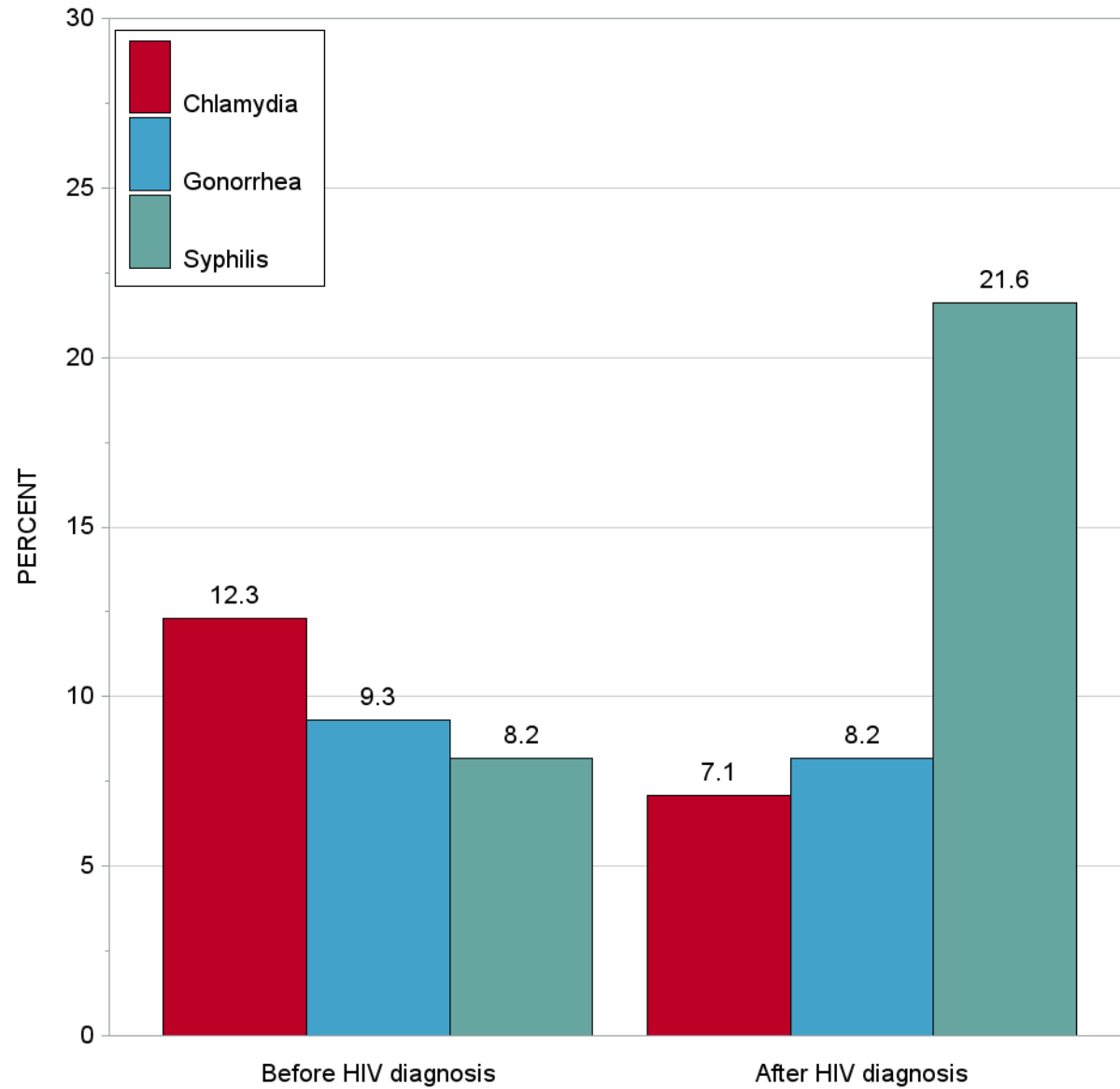


Prevalence of STDs in newly HIV diagnosed cases
Connecticut, 2016
(n=269)



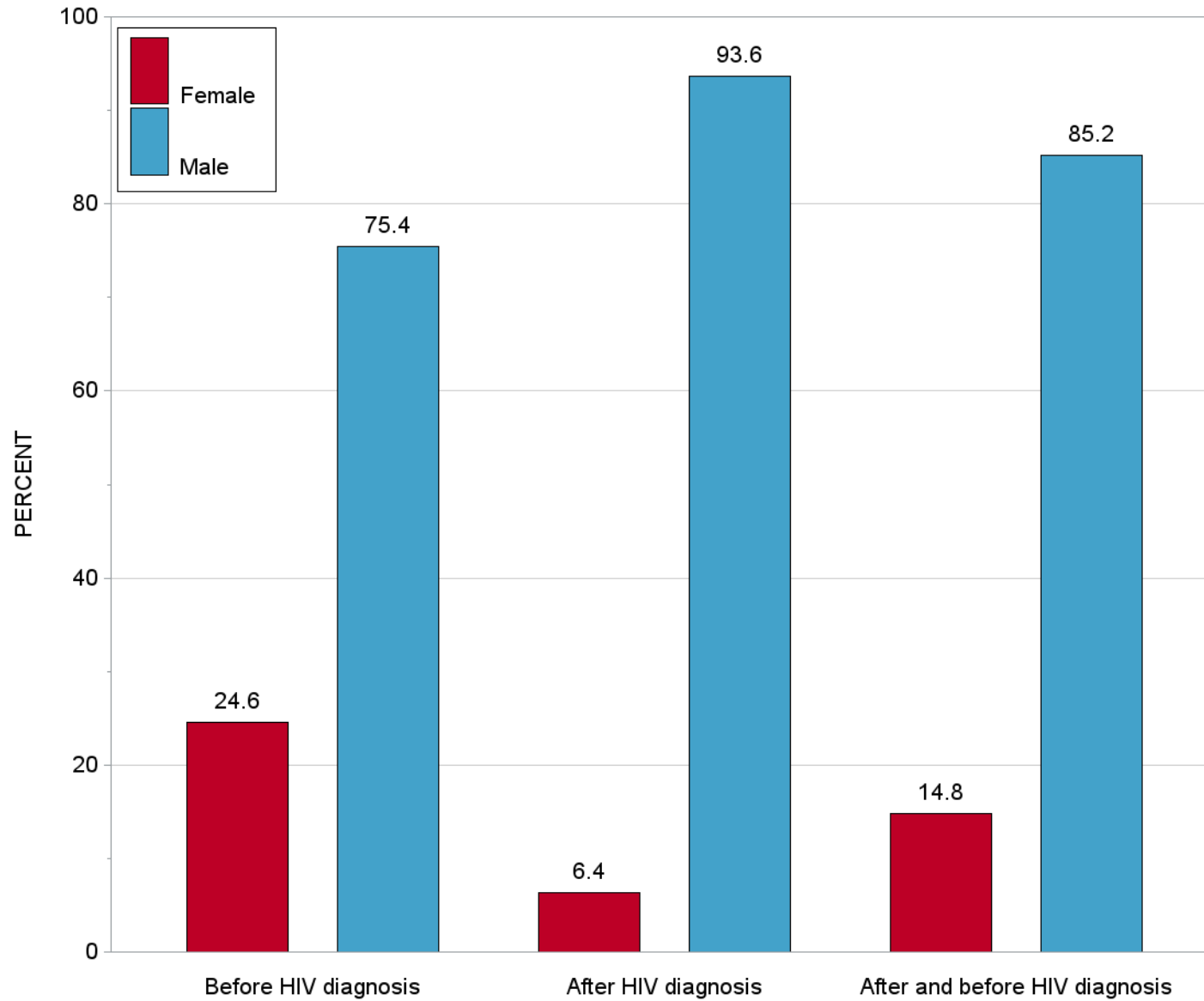
Source:CT DPH, TB, HIV, STD & Viral Hepatitis Section

Newly HIV diagnosed cases by STDs Connecticut, 2016



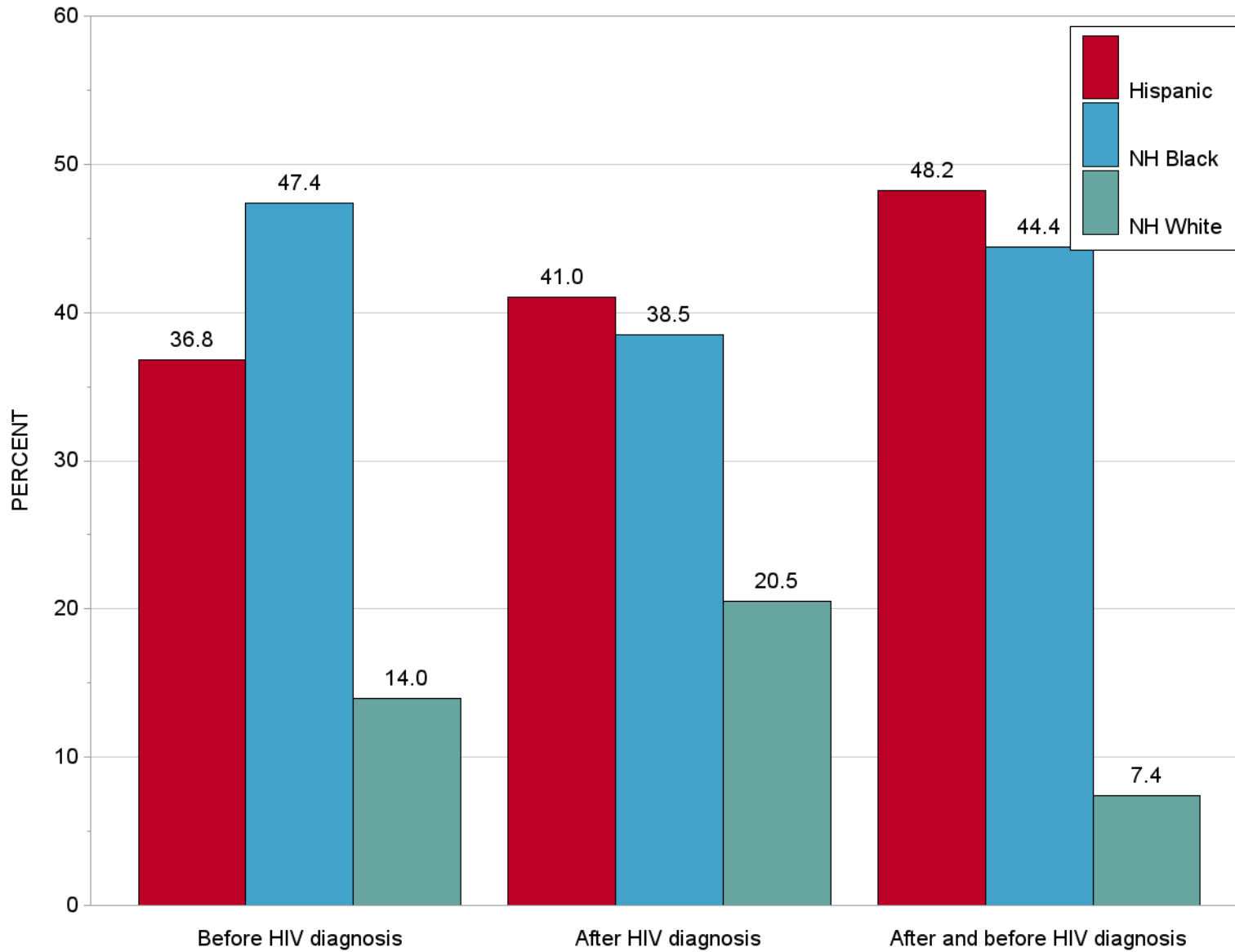
Source:CT DPH, TB, HIV, STD & Viral Hepatitis Section

Prevalence of STDs in newly HIV diagnosed cases by sex at birth
Connecticut, 2016



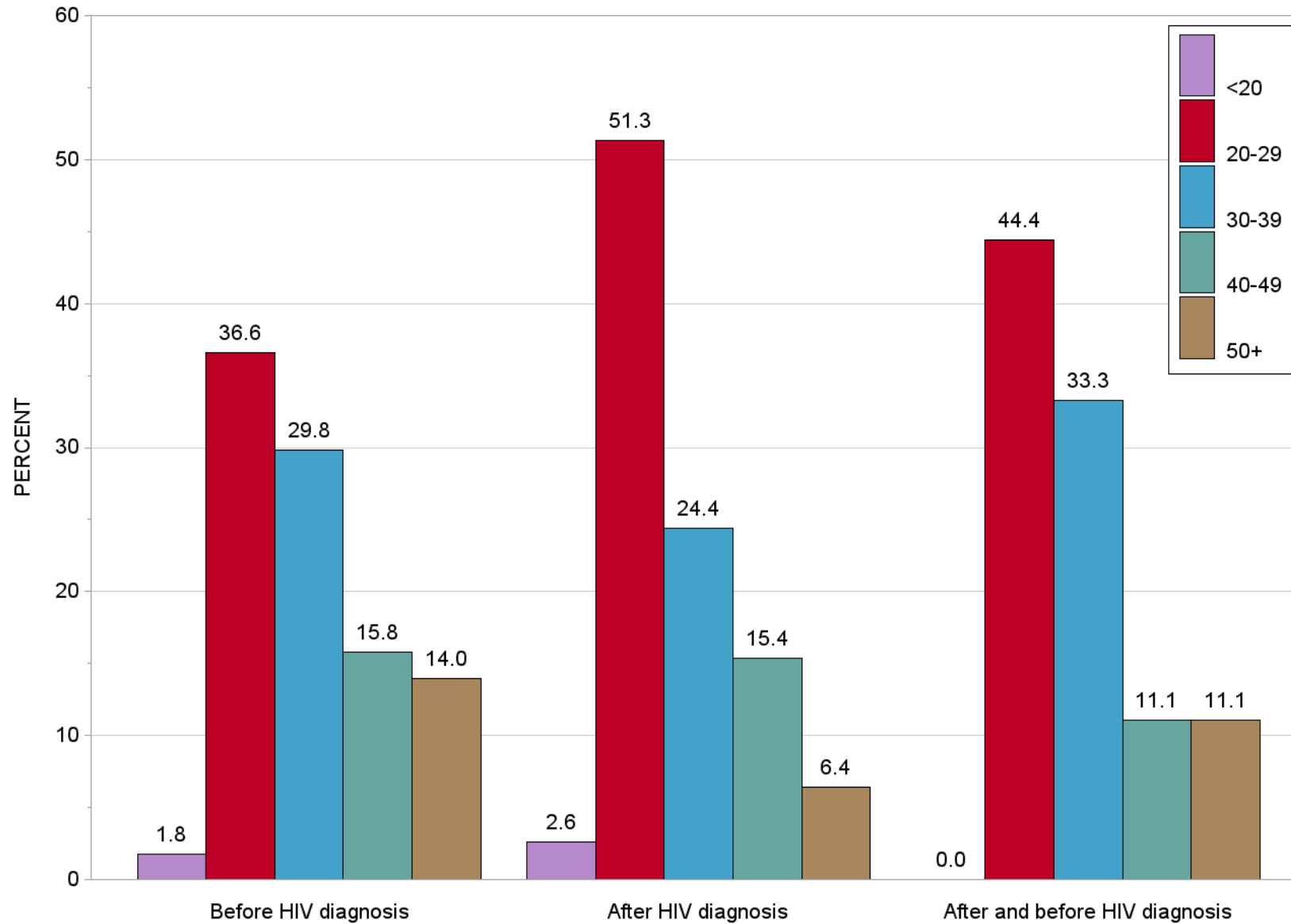
Source:CT DPH, TB, HIV, STD & Viral Hepatitis Section

Prevalence of STDs in newly HIV diagnosed cases by race/ethnicity
Connecticut, 2016



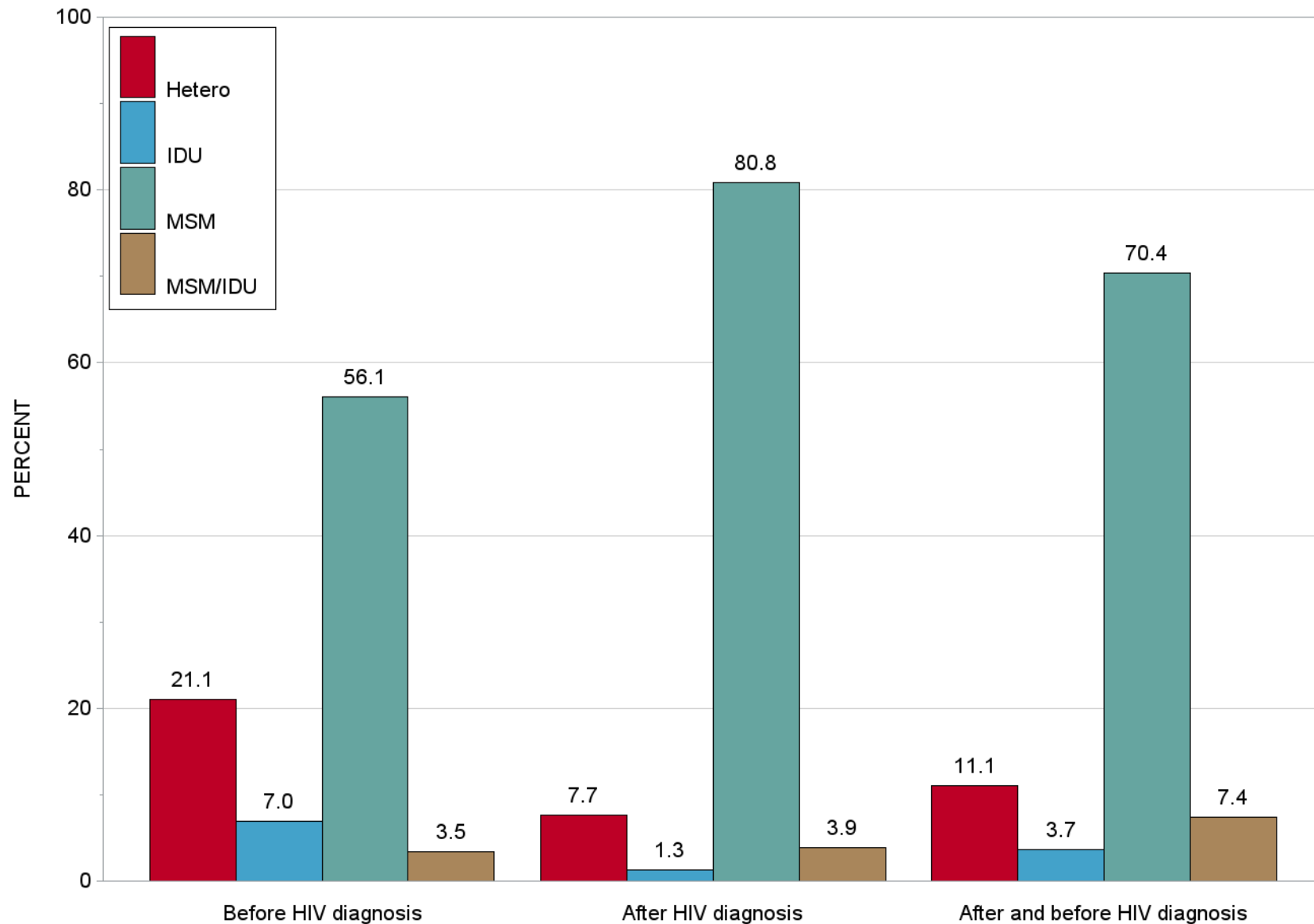
Source: CT DPH, TB, HIV, STD & Viral Hepatitis Section

Prevalence of STDs in newly HIV diagnosed cases by Age at HIV diagnosis
Connecticut, 2016



Source: CT DPH, TB, HIV, STD & Viral Hepatitis Section

Prevalence of STDs in newly HIV diagnosed cases by risk
Connecticut, 2016



Source:CT DPH, TB, HIV, STD & Viral Hepatitis Section

Main points

- Higher prevalence of STDs in newly diagnosed HIV cases
 - Chlamydia is more prevalent before HIV diagnosis
 - Syphilis is more prevalent after HIV diagnosis
- More males than females
- Disparity among race/ethnic groups
- High risk populations:
 - 20-29 year olds
 - MSM

Conclusion

Newly HIV infected individuals suggest persistence of high-risk sexual behaviors that might benefit from an intervention focused on STD prevention

Questions/Comments.

Thank you!