

Santa Barbara County

**PUBLIC** **Health**



DEPARTMENT

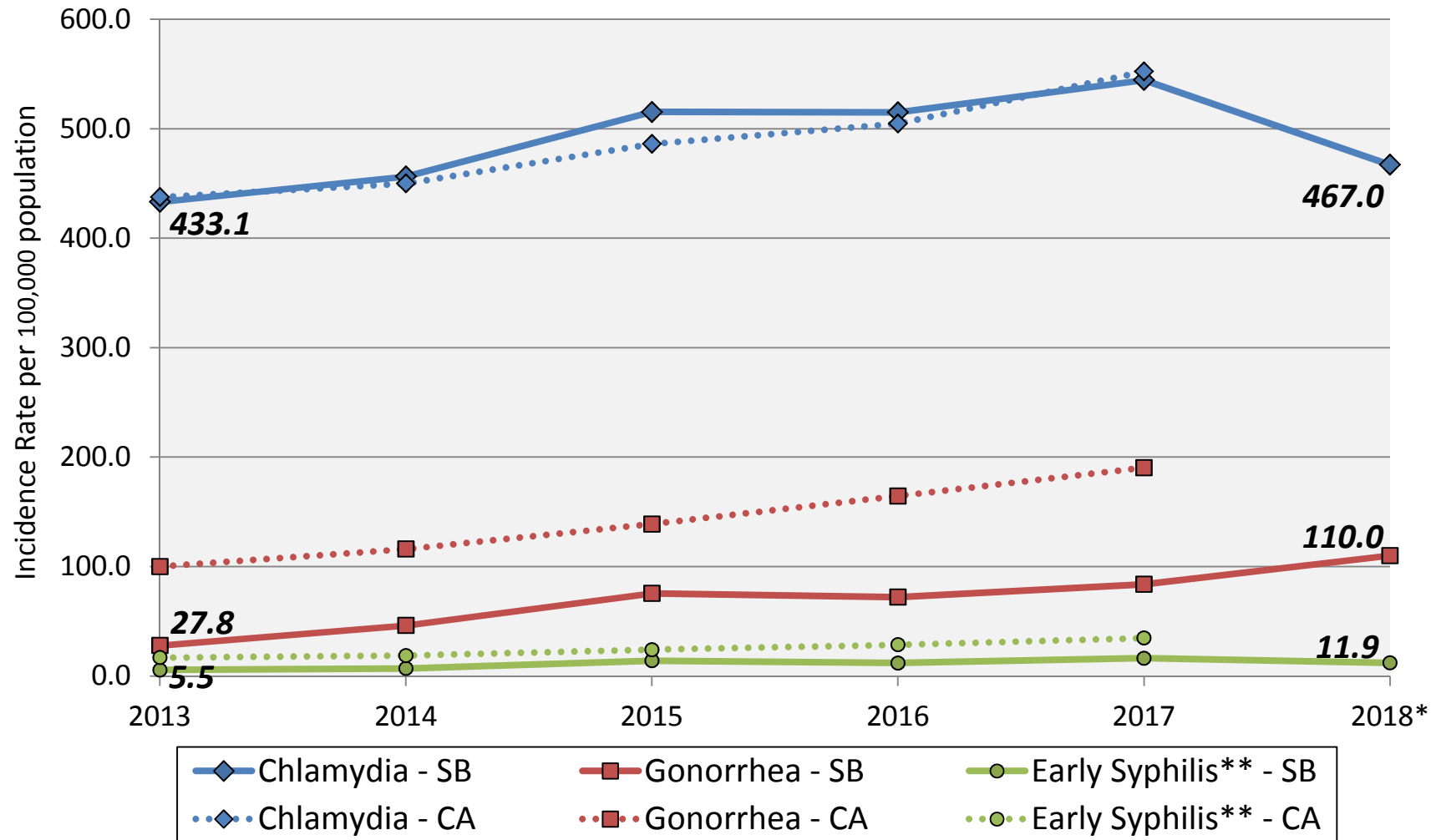
Sexually Transmitted Diseases  
Summary Report  
**Santa Barbara County**  
2013-2018

Michelle Wehmer, MPH - *Epidemiologist*

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*Improve the health of our communities by preventing disease,  
promoting wellness, and ensuring access to needed health care.*

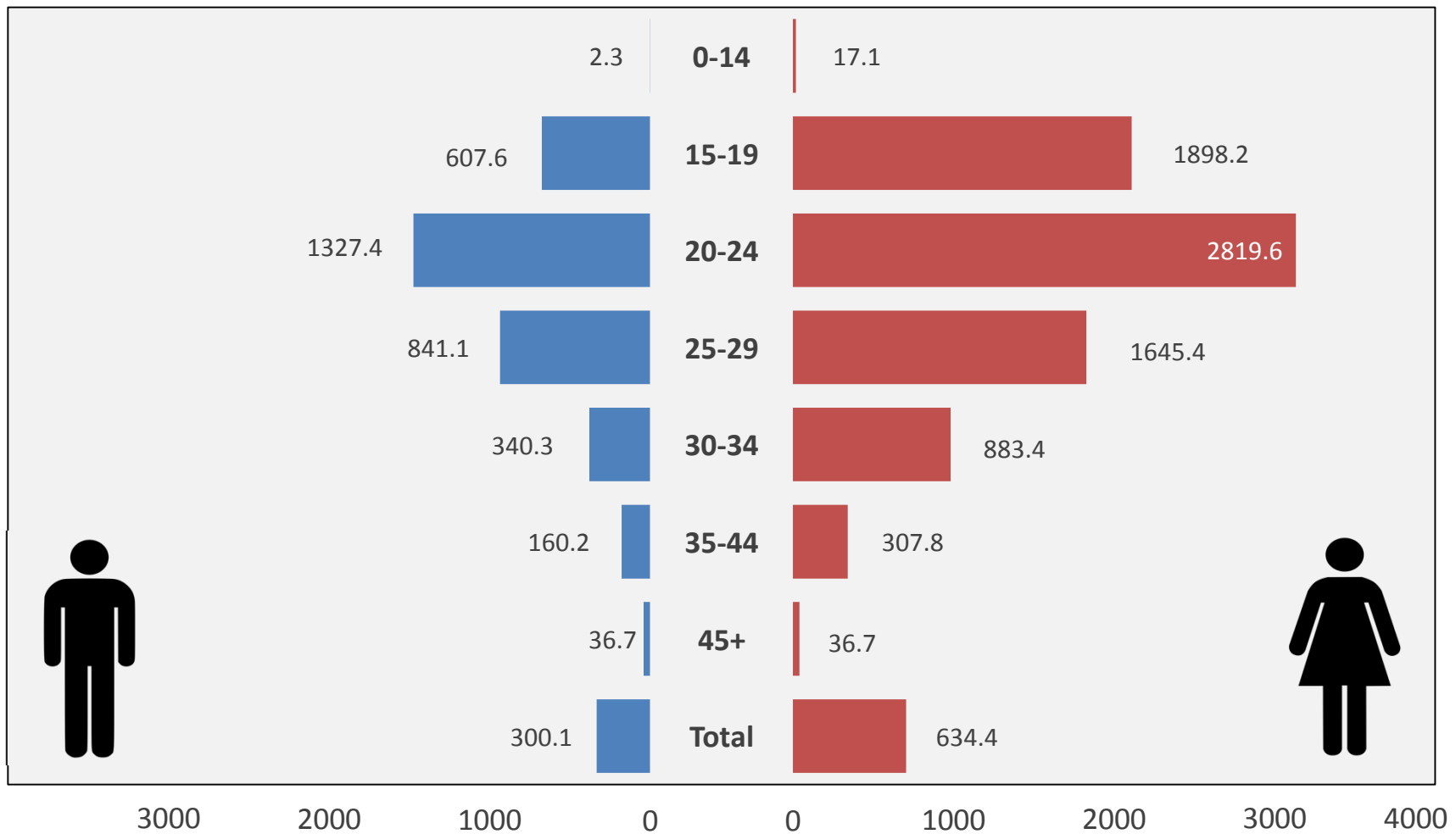
# Sexually Transmitted Diseases in SBC vs CA, 2013-2018.\*



Source: CalREDIE reports 3/27/2019 of confirmed cases; Population estimates per CA Department of Finance, 2018.

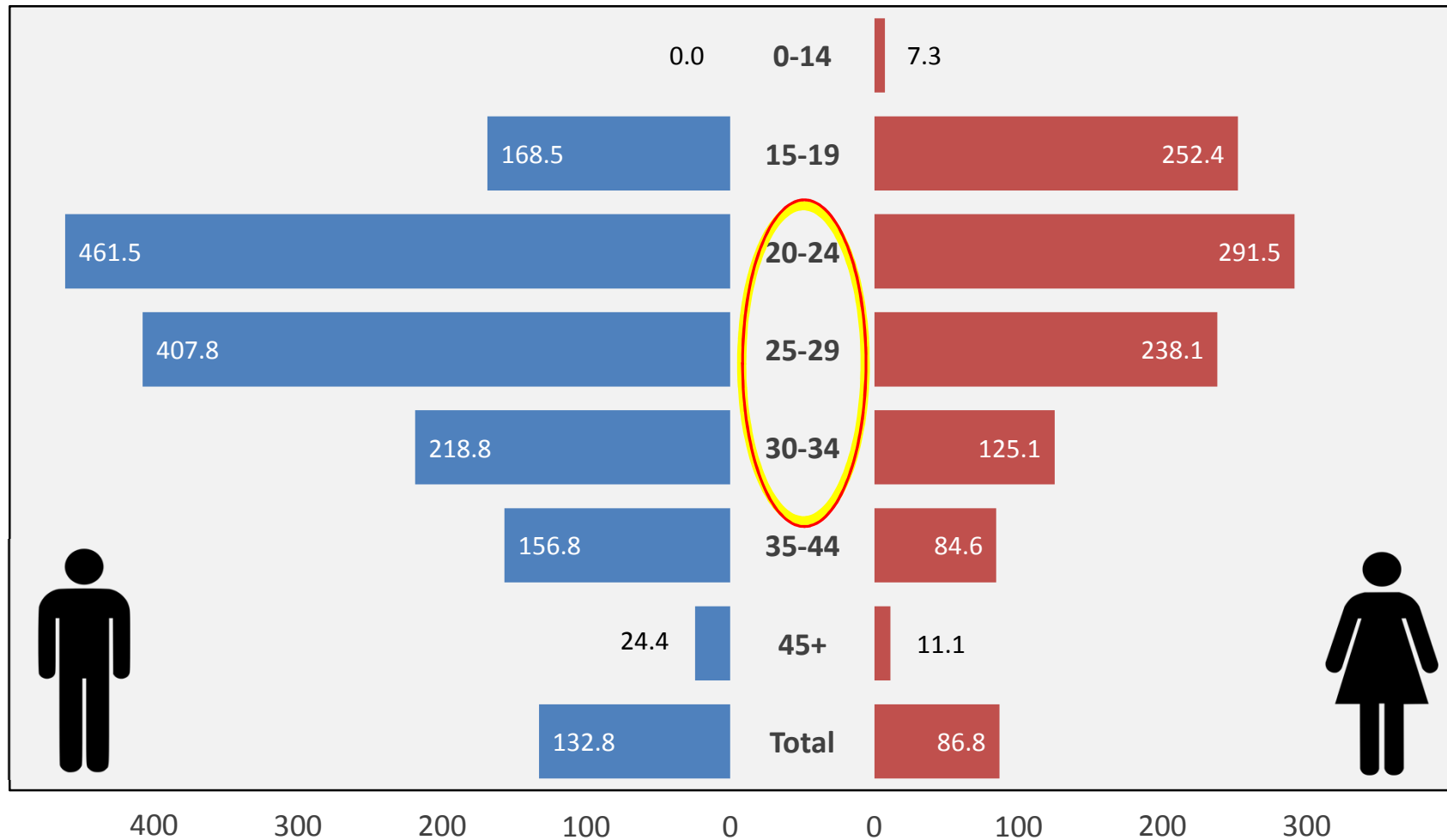
\*2018 Data not available for CA. \*\*Syphilis counts include probable and confirmed cases

# Chlamydia Rates by Sex and Age, Santa Barbara County, 2018.



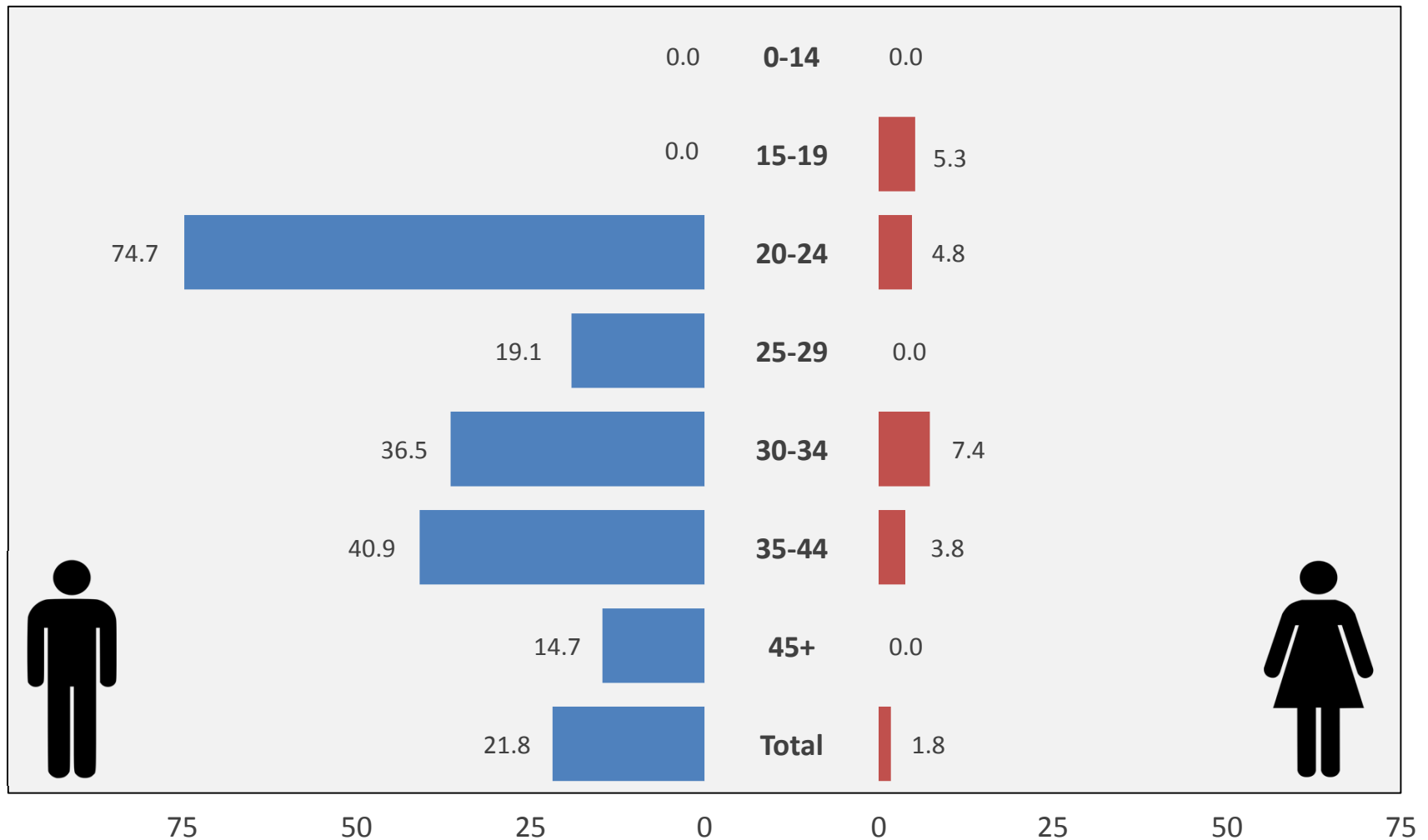
Source: CalREDIE reports; Population estimates per CA Department of Finance, 2018.

# Gonorrhea Rates by Sex and Age, Santa Barbara County, 2018.



Source: CalREDIE reports; Population estimates per CA Department of Finance, 2018.

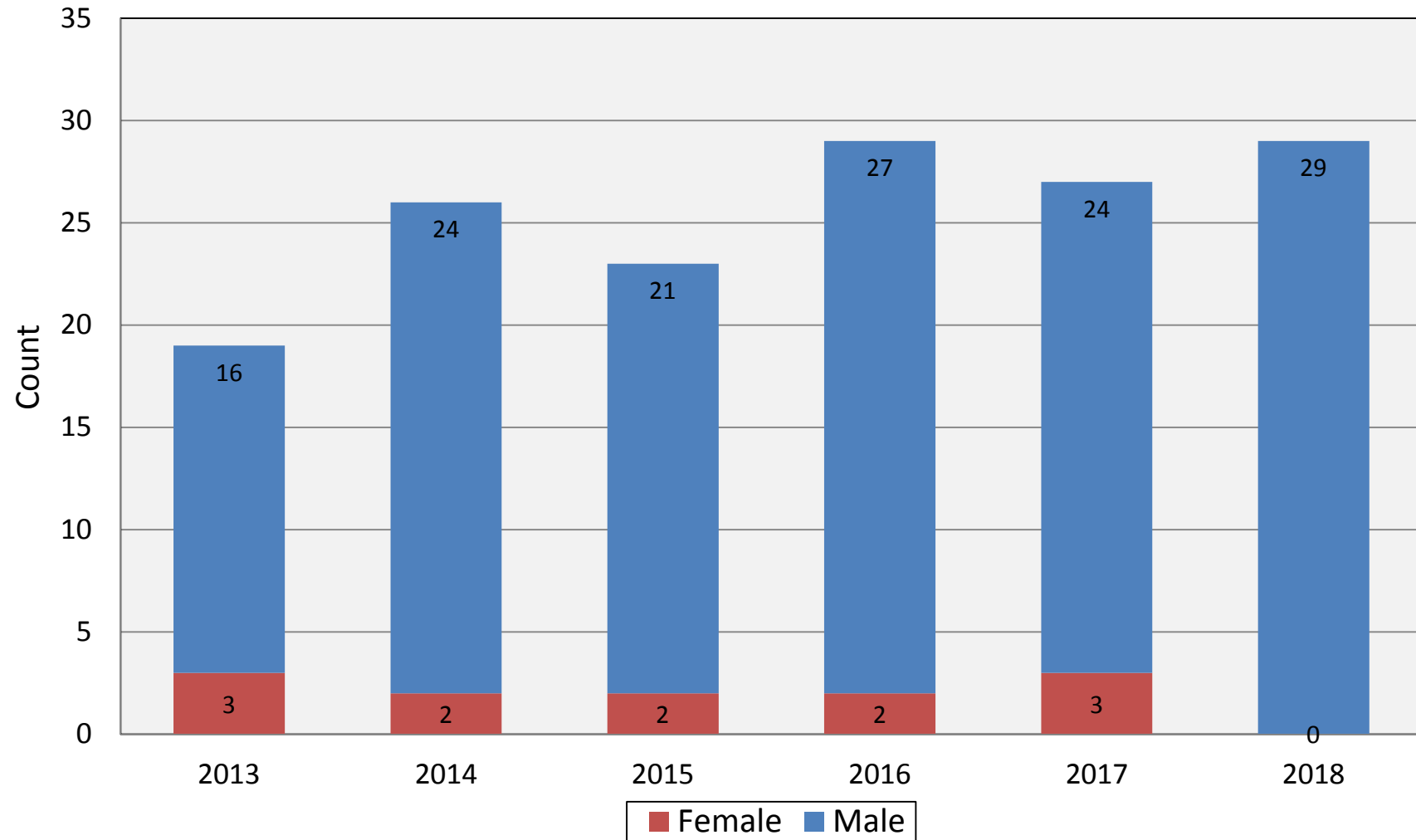
# Early Syphilis Rates by Sex and Age, Santa Barbara County, 2018.



Source: CalREDIE reports; Population estimates per CA Department of Finance, 2018.

Early Syphilis = Confirmed and Probable cases of Primary, Secondary and Early Latent Syphilis

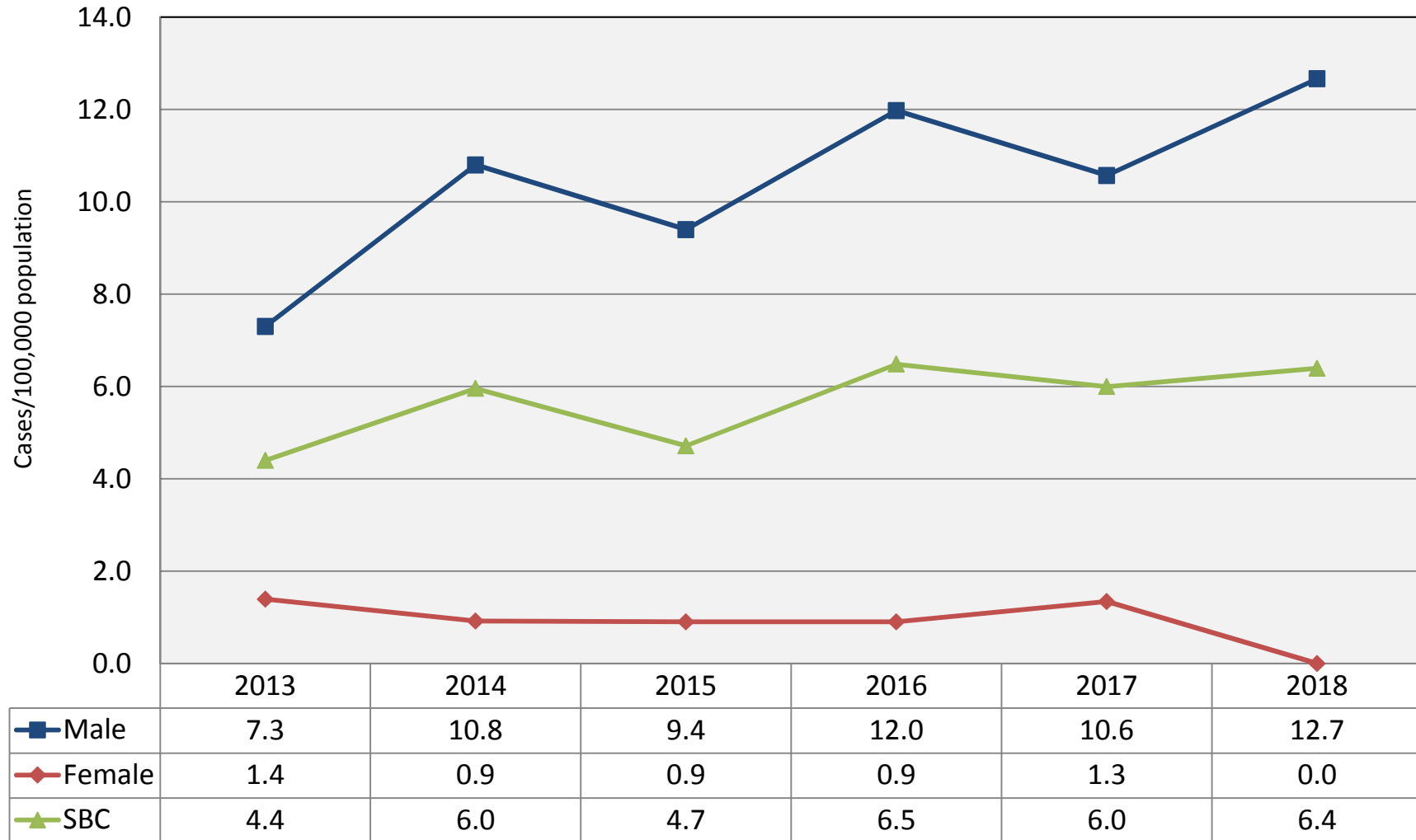
# New Dx HIV Cases by Birth Sex Santa Barbara County, 2013-2018.



Source: Office of AIDS/HARS - 4/4/2019; Resident of SBC at time of diagnosis.

# HIV Case Rates by Birth Sex

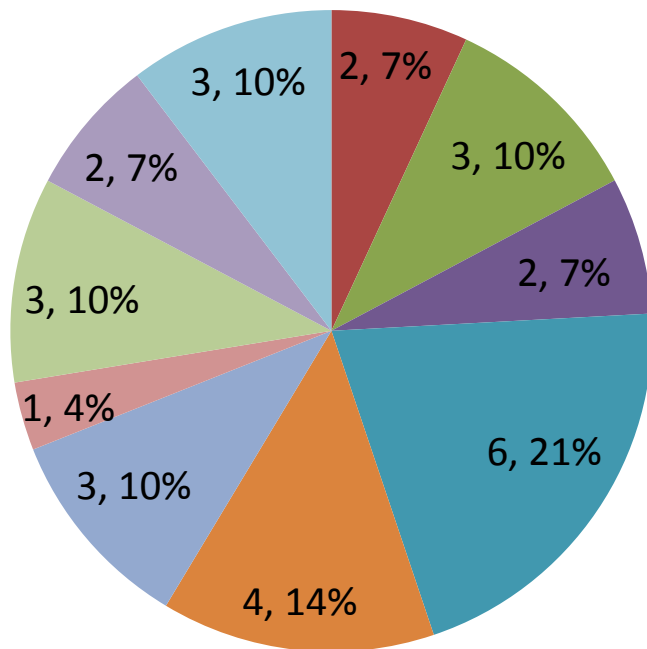
## Santa Barbara County, 2013-2018.



Source: Office of AIDS/HARS - 4/4/2019; Resident of SBC at time of diagnosis.

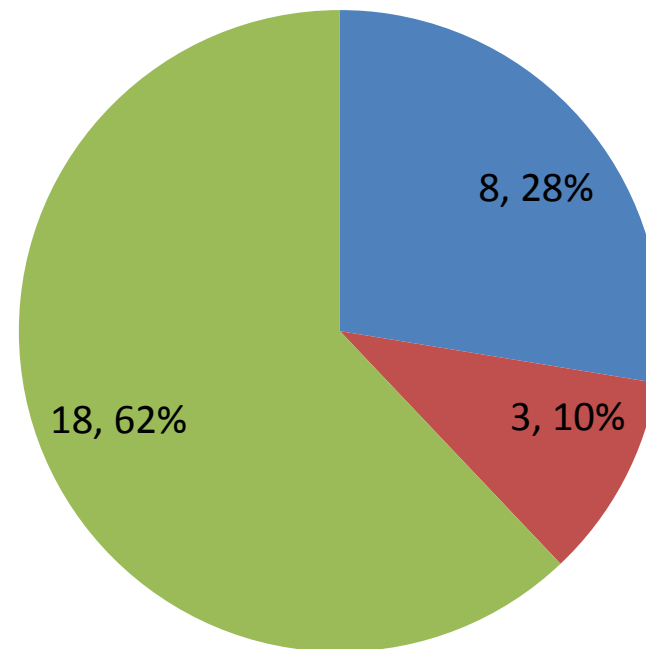
# Demographics of Newly Diagnosed SBC HIV Cases, 2018.

## Patient Age



■ 15-19   ■ 20-24   ■ 25-29   ■ 30-34   ■ 35-39  
■ 40-44   ■ 45-49   ■ 50-54   ■ 55-59   ■ 60+

## Region of Residency



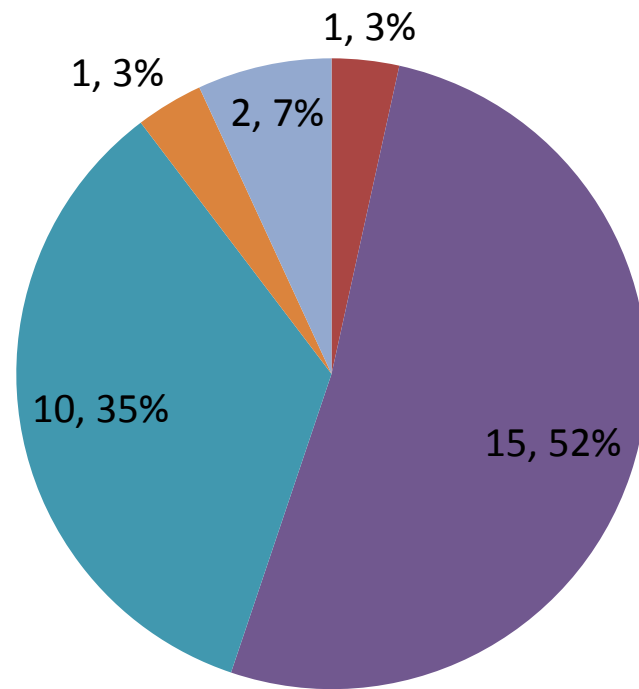
■ North   ■ Central   ■ South

Source: Office of AIDS/HARS - 4/4/2019; Resident of SBC at time of diagnosis.



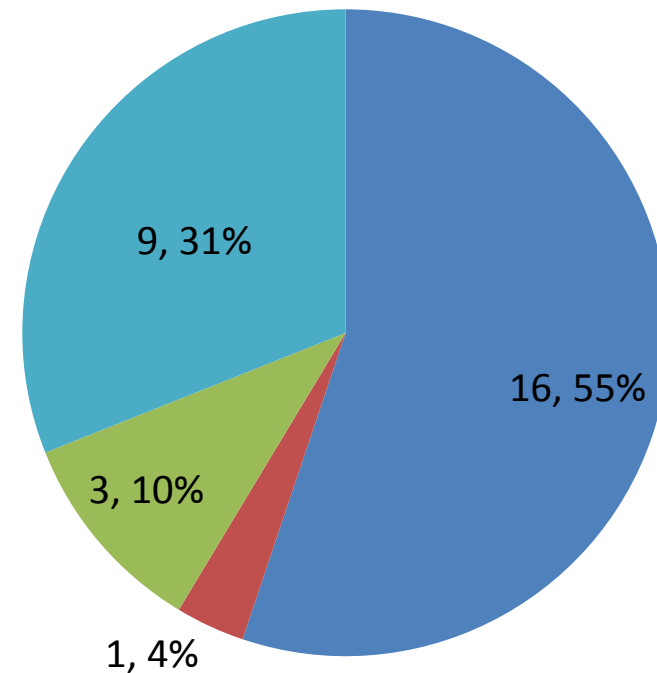
# Demographics of Newly Diagnosed SBC HIV Cases, 2018.

## Race & Ethnicity



■ Asian/PI    ■ Latino    ■ White  
■ Other/Multi    ■ Unknown

## Risk Factor



■ MSM    ■ IUD    ■ MSM & IUD    ■ No Risk Factor Identified

Source: Office of AIDS/HARS - 4/4/2019; Resident of SBC at time of diagnosis.

# Newly Diagnosed SBC HIV (AIDS) Cases

	2017	2018
<b>Quarter 1 (Jan-Mar)</b>	<b>7 (1)</b>	<b>9 (5)</b>
<b>Quarter 2 (Apr-June)</b>	<b>8 (1)</b>	<b>8 (0)</b>
<b>Quarter 3 (July-Sept)</b>	<b>10 (0)</b>	<b>6 (3)</b>
<b>Quarter 4 (Oct-Dec)</b>	<b>2 (0)</b>	<b>6 (2)</b>
<b>Total</b>	<b>27 (2)</b>	<b>29 (10)</b>

Source: Office of AIDS HARS database - 4/4/2019; Resident of SBC at time of diagnosis

# Summary

- Although SBC has trended below CA in STDs, over the last 5 years, STDs have been on the rise.
- Chlamydia: The highest rates are seen in ages 15-29 years old.
- Women are disproportionately affected by chlamydia – over 2x more than men.
- Gonorrhea: The highest rates are seen in ages 20-34 years old.
- Infection rate is about 50% higher in men than women.
- Syphilis: Male infection rate has recently decreased (2017- 26.9). Syphilis disproportionately affects men. The highest rates are seen in ages 20-24 years old, but rates are high across all adult ages.

# Summary (continued)

- HIV: In 2018 the majority of newly diagnosed:
  - Male
  - Latino
  - Reside in South County
  - MSM
- Annually, SBC reports an average of 25 new HIV cases.
- Over past 5 years, the incidence rate of HIV has hovered at 6.0 cases per 100,000 population.
- In that same period, the rate in men has increased from 10 to 11.5 cases per 100,000 male population.
- New HIV dx with acute illness (CD4 < 200) jumped from 7% to 34% in 1 year.