

STD/HIV Update

San Bernardino and Riverside Counties

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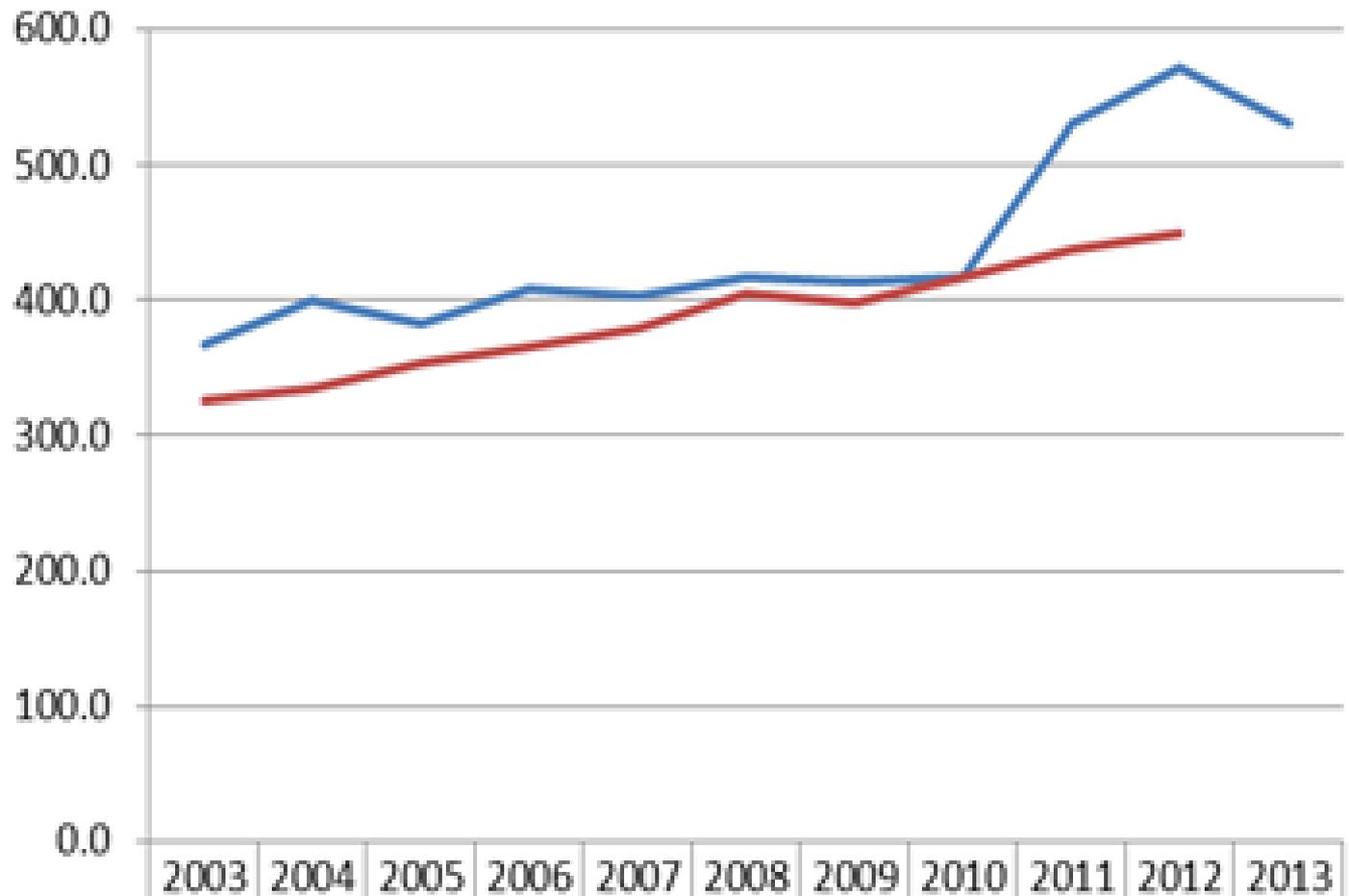
April 30, 2014

May 6, 2014

Chlamydia 2003-2013

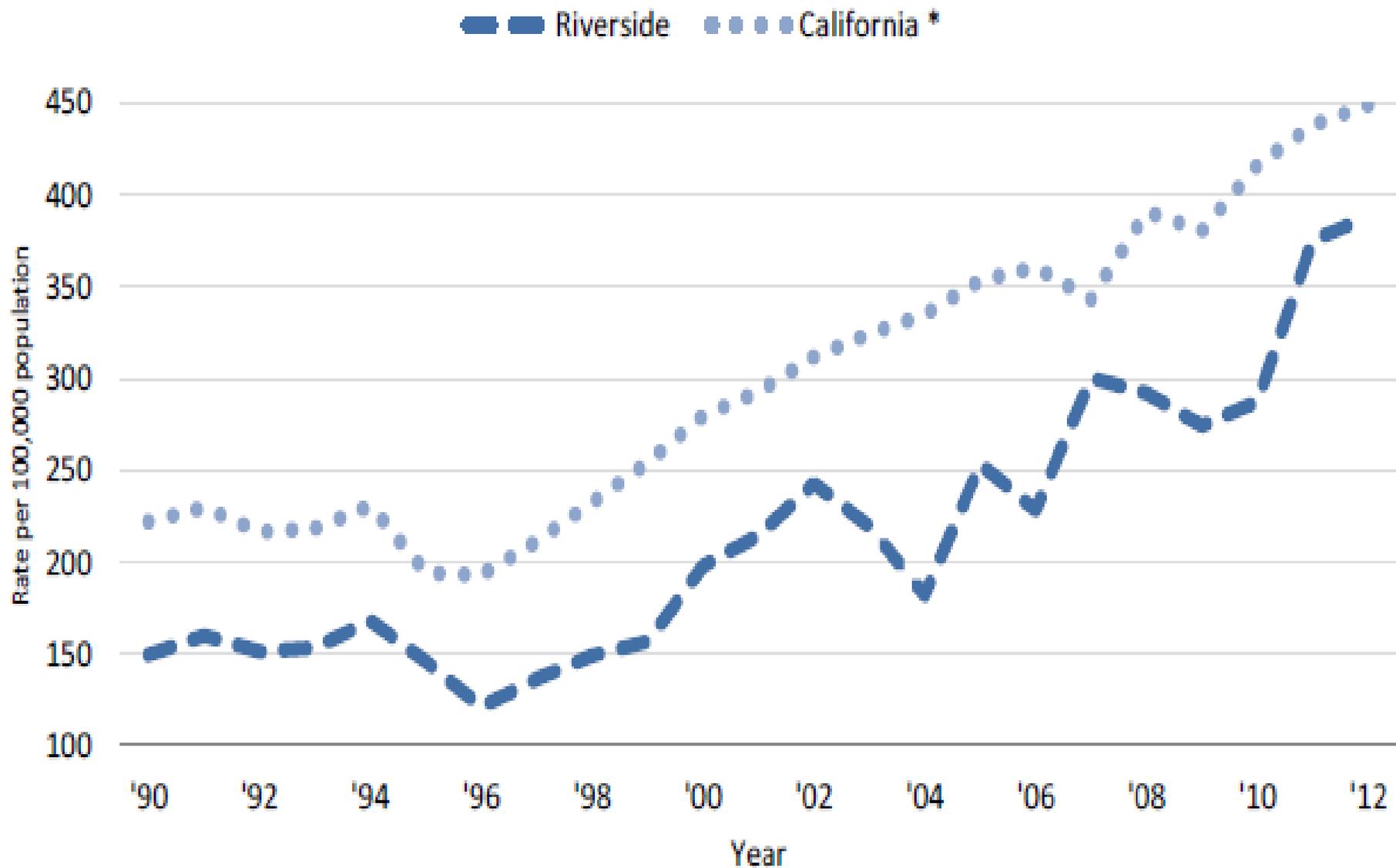
San Bernardino County and California

Incidence Rate per 100,000 Popn



County of San Bernardino	366.7	399.8	383.1	407.5	402.8	416.0	413.6	416.3	530.8	570.8	529.9
California	326.2	334.5	353.7	366.1	379.8	405.0	398.1	416.3	438.1	449.0	

Figure 1.2: Chlamydia Incidence Rates by Year, Riverside County 1998-2012



* Provisional Data

Chlamydia

- Females 15-25 account for 55% of all cases
- 70% females/25% men may be asymptomatic
- Complications for untreated females-
 - PID, ectopic pregnancy, infertility
 - Preterm delivery, pneumonia in infant
- 54% of reports missing race/ethnicity
 - Many are missing address
- Resource issues- many local PH departments no longer investigate except highest risk cases

Gonorrhea 2003-2013

San Bernardino County and California

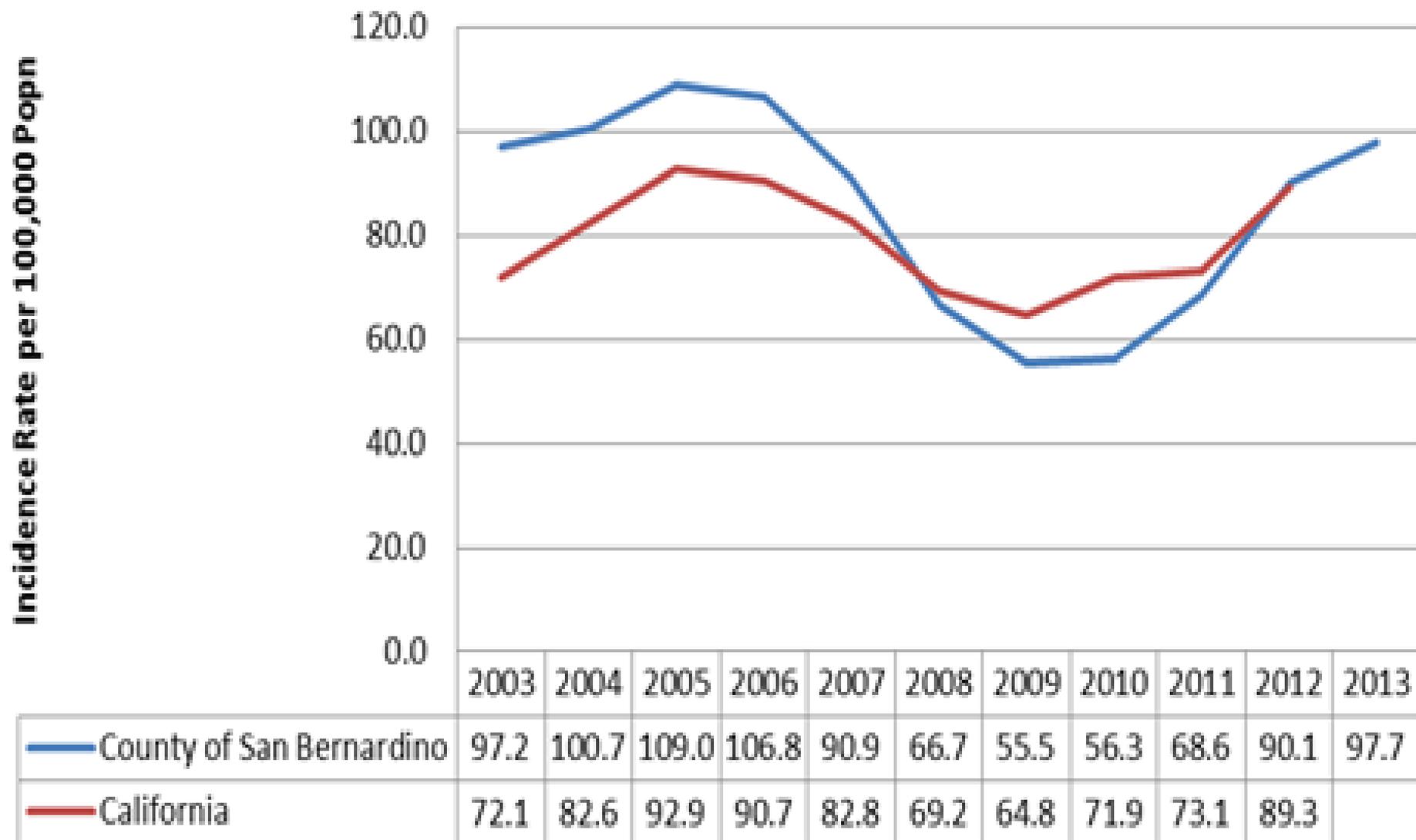
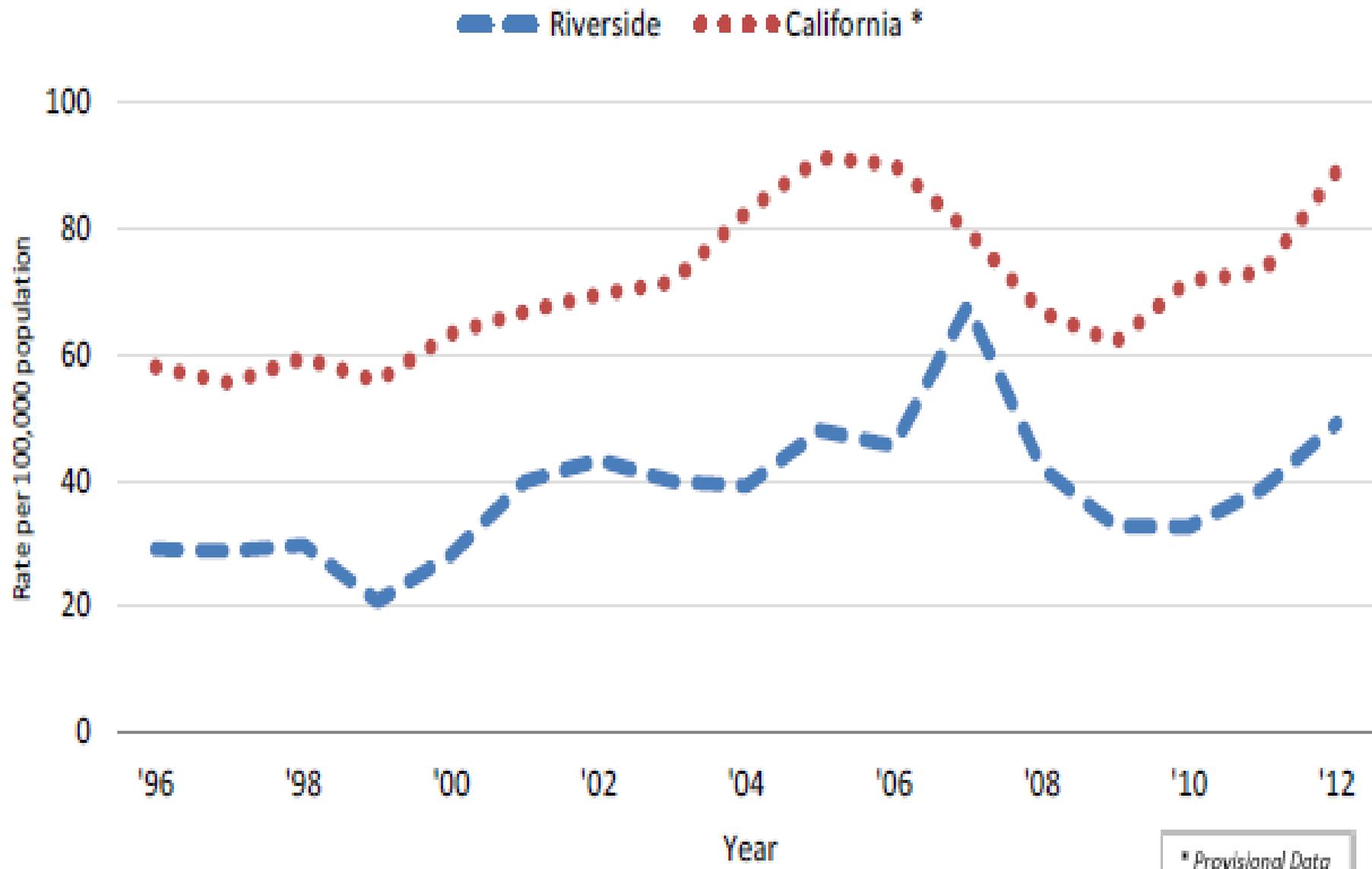
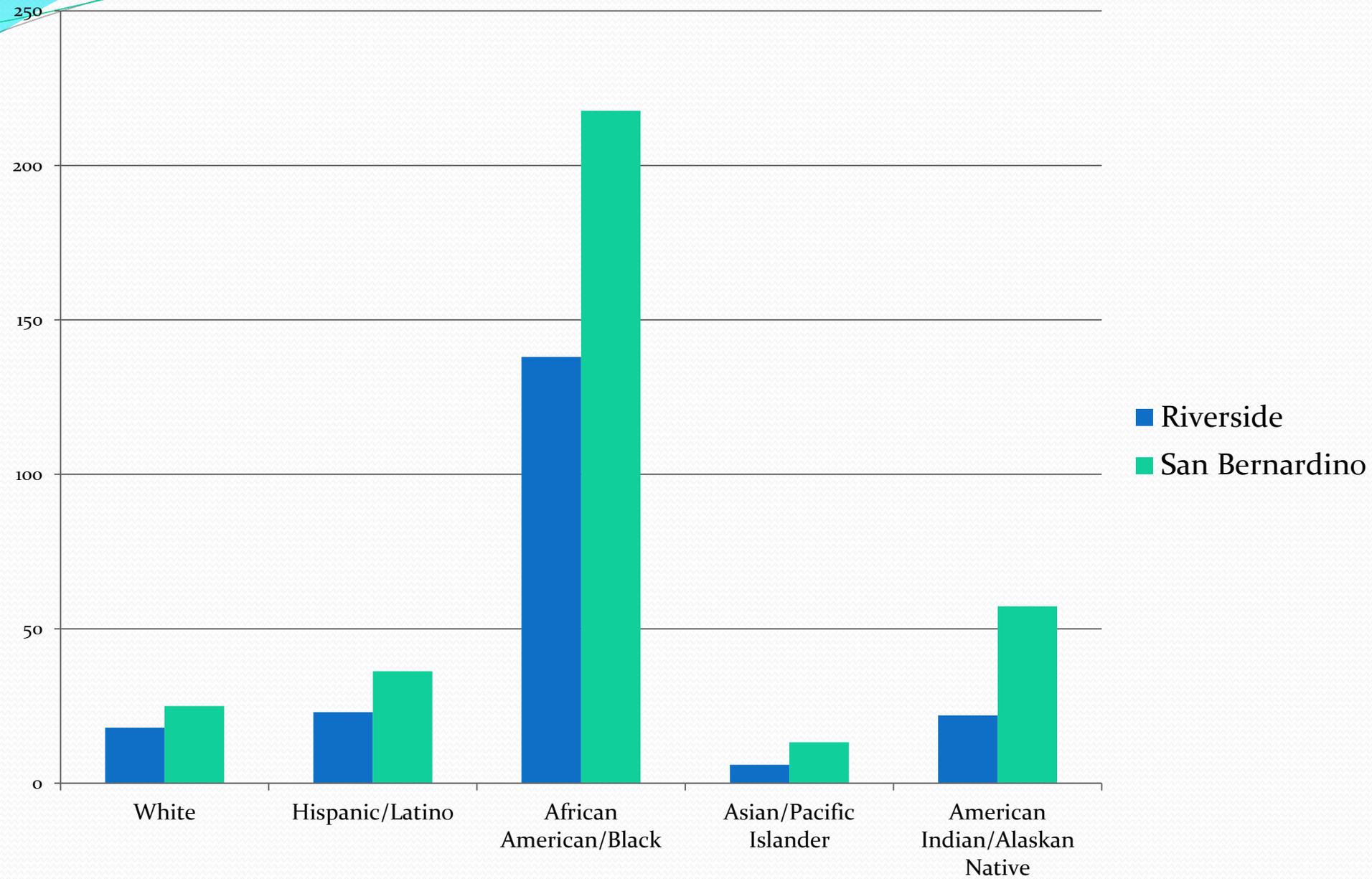


Figure 1.6: Gonorrhea Incidence Rates by Year, Riverside County 1996-2012



* Provisional Data

Gonorrhea Incidence Rates by Race/Ethnicity, Riverside and San Bernardino Counties, 2012



Gonorrhea Statewide

- MSM account for 39% of all cases in CA
 - % is increasing
 - 27% of MSM GC cases are also HIV positive
- 36% of cases treated using non recommended regimen or not treated
- 21% male heterosexual cases incarcerated previous yr
 - 8% of female cases
- 38% of cases used internet to meet new or anonymous partners
- 7% of cases used methamphetamine in previous yr

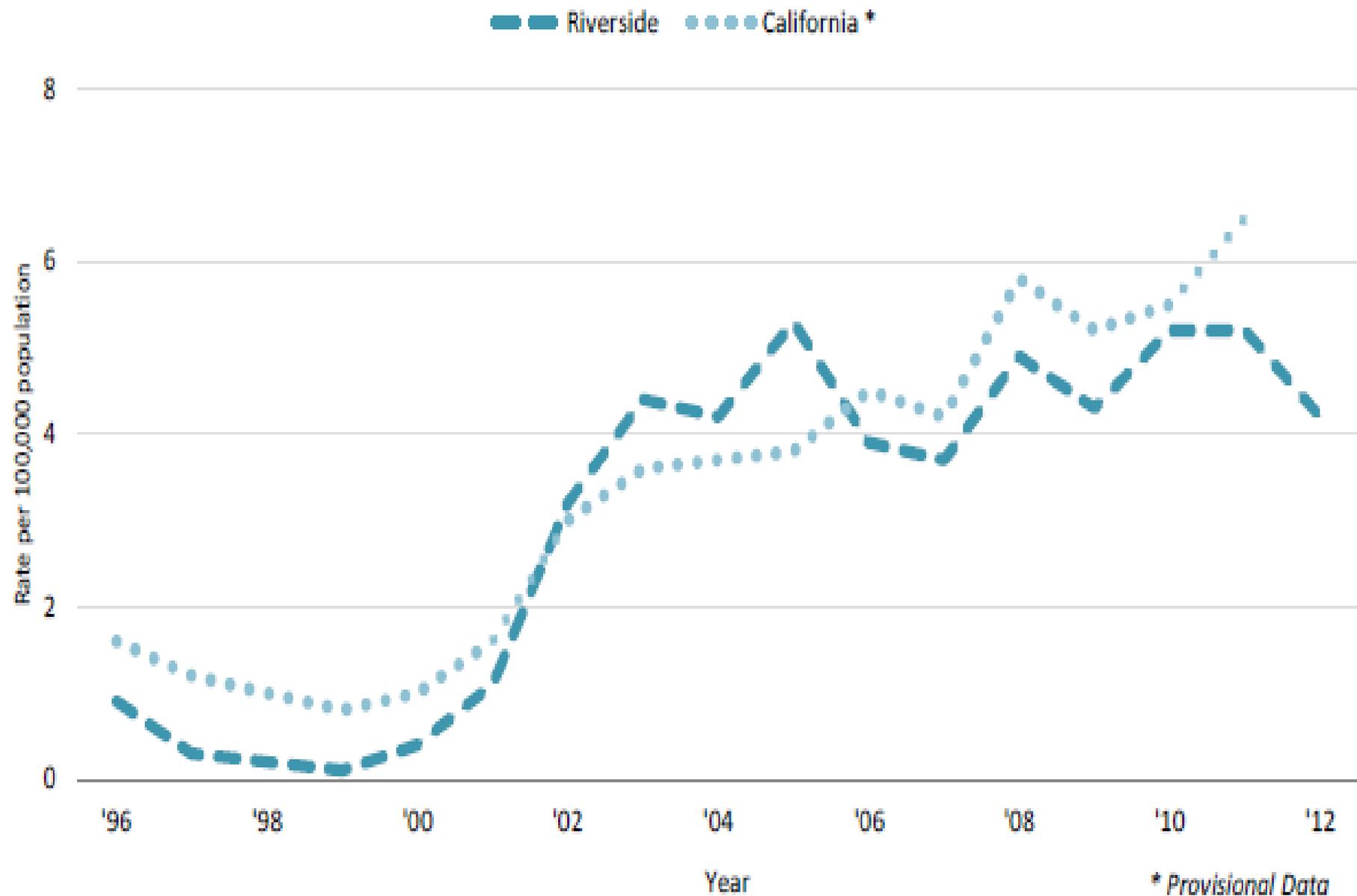
Gonorrhea Locally

- Cephalosporin resistance looming concern
- 2010 change in treatment guidelines-
 - Two antibiotic regimen now recommended
- New focus on hotspots in county by local PHD
- Race/ethnicity disparities
 - Rates for African Americans 5-15 times that of whites and 4-8 times that of Hispanics.
- Provider education
- July 1- jail testing project for women under 35 yrs of age

Partnership with Providers

- Education to patients
- Thorough sexual history
- Treatment of partners- patient delivered therapy
- Testing/referral of partners
- Report to public health completely and timely
- Link STD investigations with HIV testing

Figure 1.21: Primary and Secondary Syphilis Incidence Rates, Riverside County 1996-2012

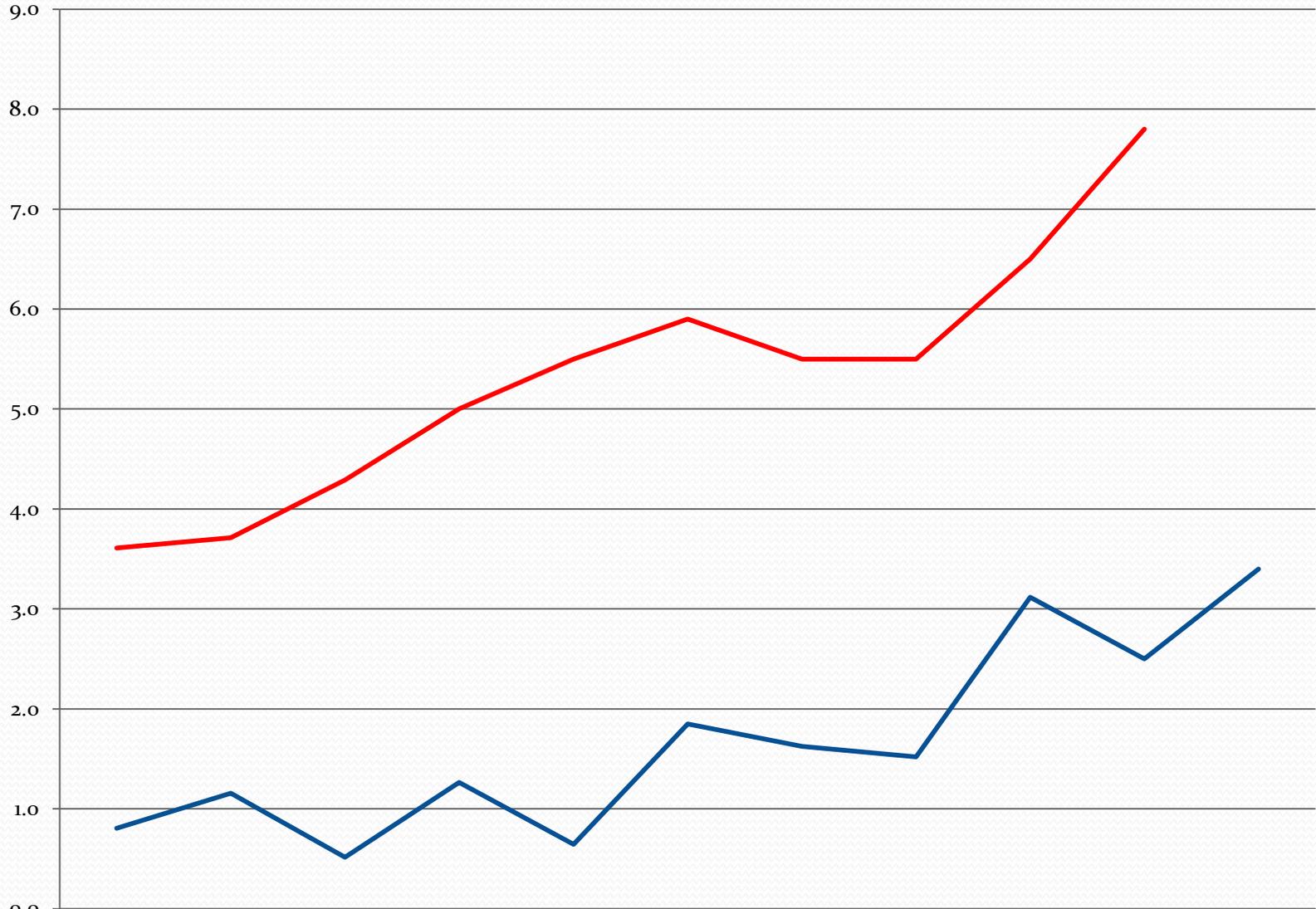


* Provisional Data

Primary/Secondary Syphilis 2003-2013

San Bernardino County and California

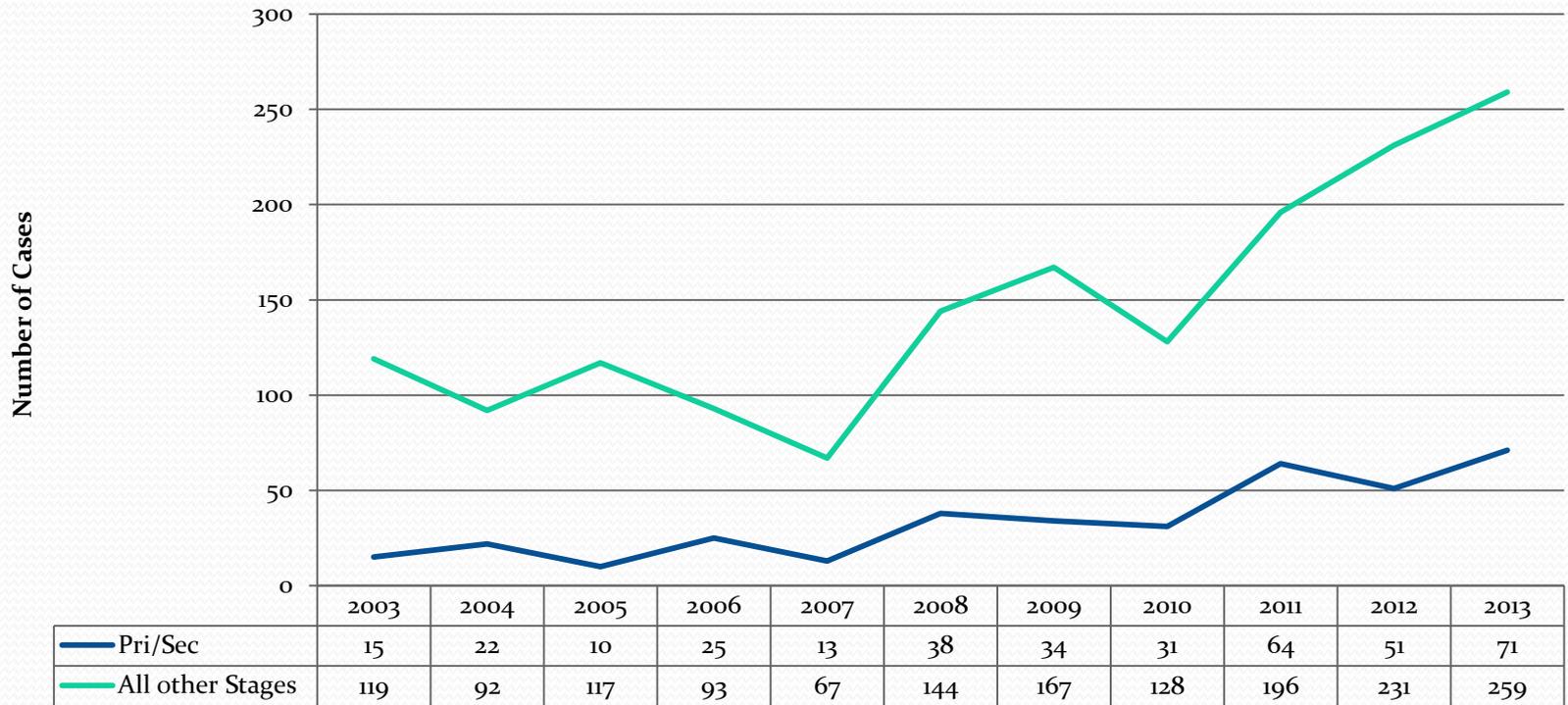
Incidence Rate per 100,000 Popn



— San Bernardino County	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
— California	0.8	1.2	0.5	1.3	0.6	1.8	1.6	1.5	3.1	2.5	3.4
	3.6	3.7	4.3	5.0	5.5	5.9	5.5	5.5	6.5	7.8	

Syphilis 2003-2013

San Bernardino County



Syphilis S CA Region

- MSM account for 79% of cases
 - 49% are HIV positive also (11% of heterosexuals)
- Cases doubled in heterosexuals
 - Female case numbers up significantly
- 33-37% of cases in 20-29 year old group
- 15-17% of cases use Methamphetamine
- Whites largest proportion of cases- 42-48%
- Sex partners
 - MSM- 42% internet, Heterosexuals- 20% bars

Syphilis Locally

- Time intensive investigations
- Early (infectious) cases continue to increase
- Increase driven by MSM
- 4 congenital syphilis cases in 2013; usual is 0-1
- Education to providers

Riv/SB Counties Incidence (New) 2010-2012

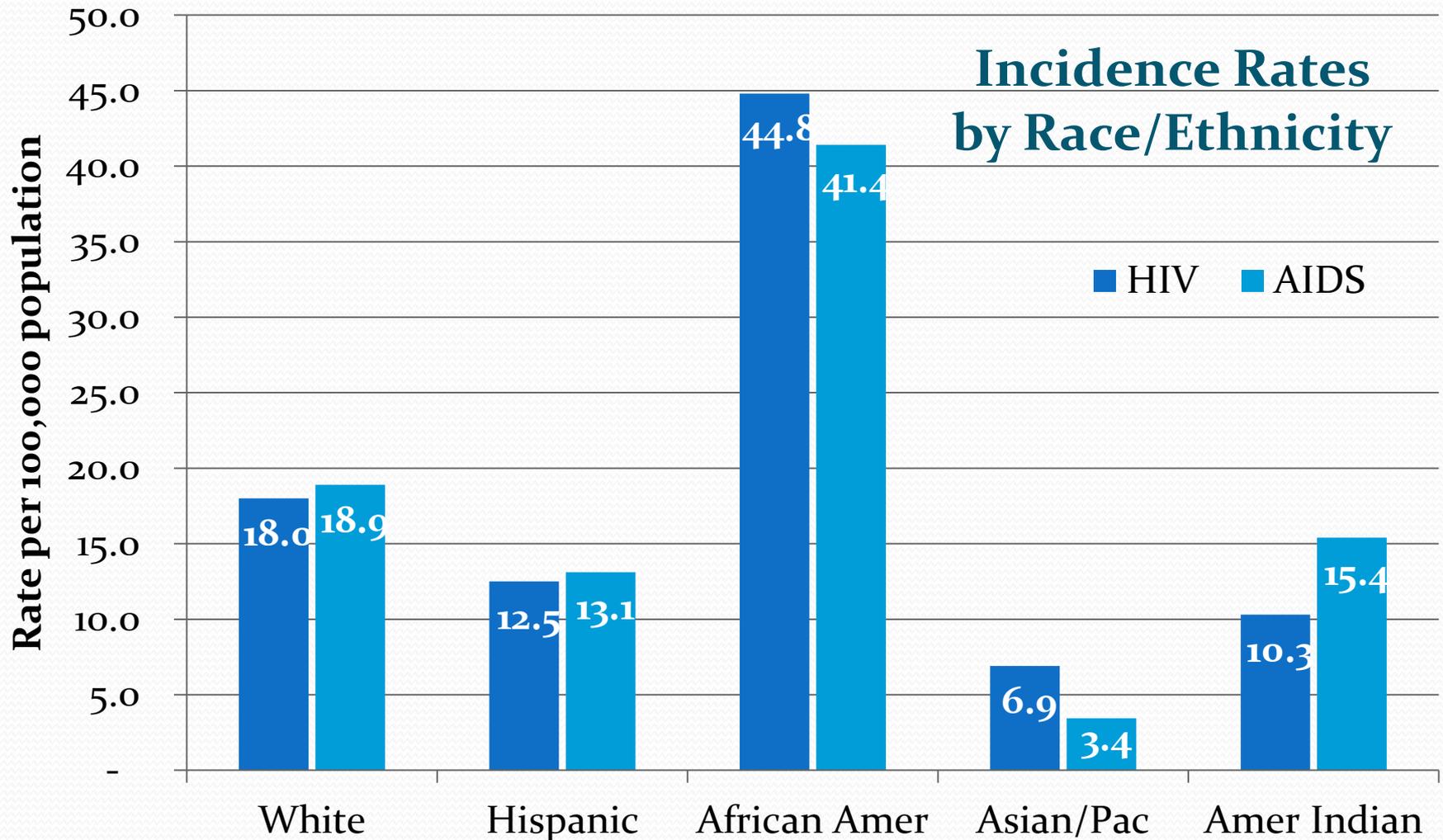
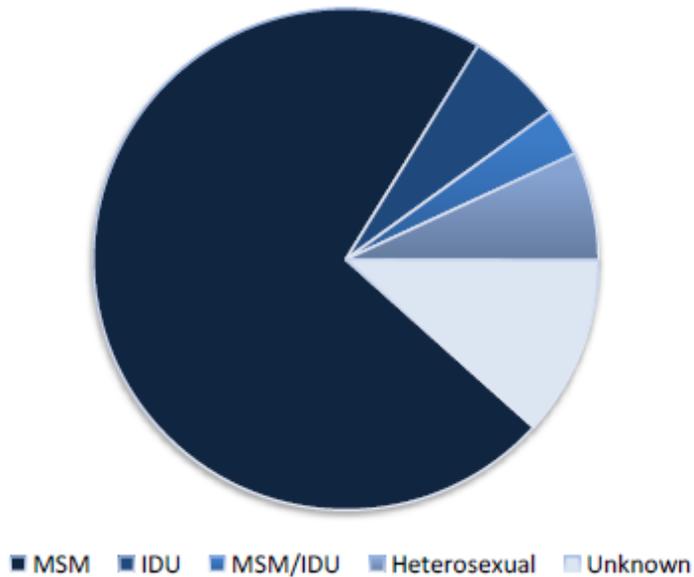
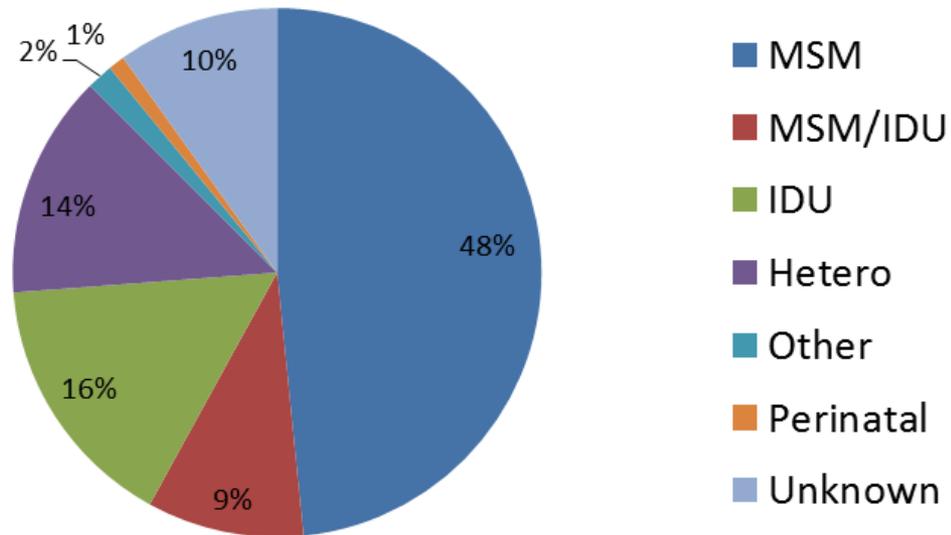


Figure 1.20: Risk Factors for HIV Infection, Riverside County 2012

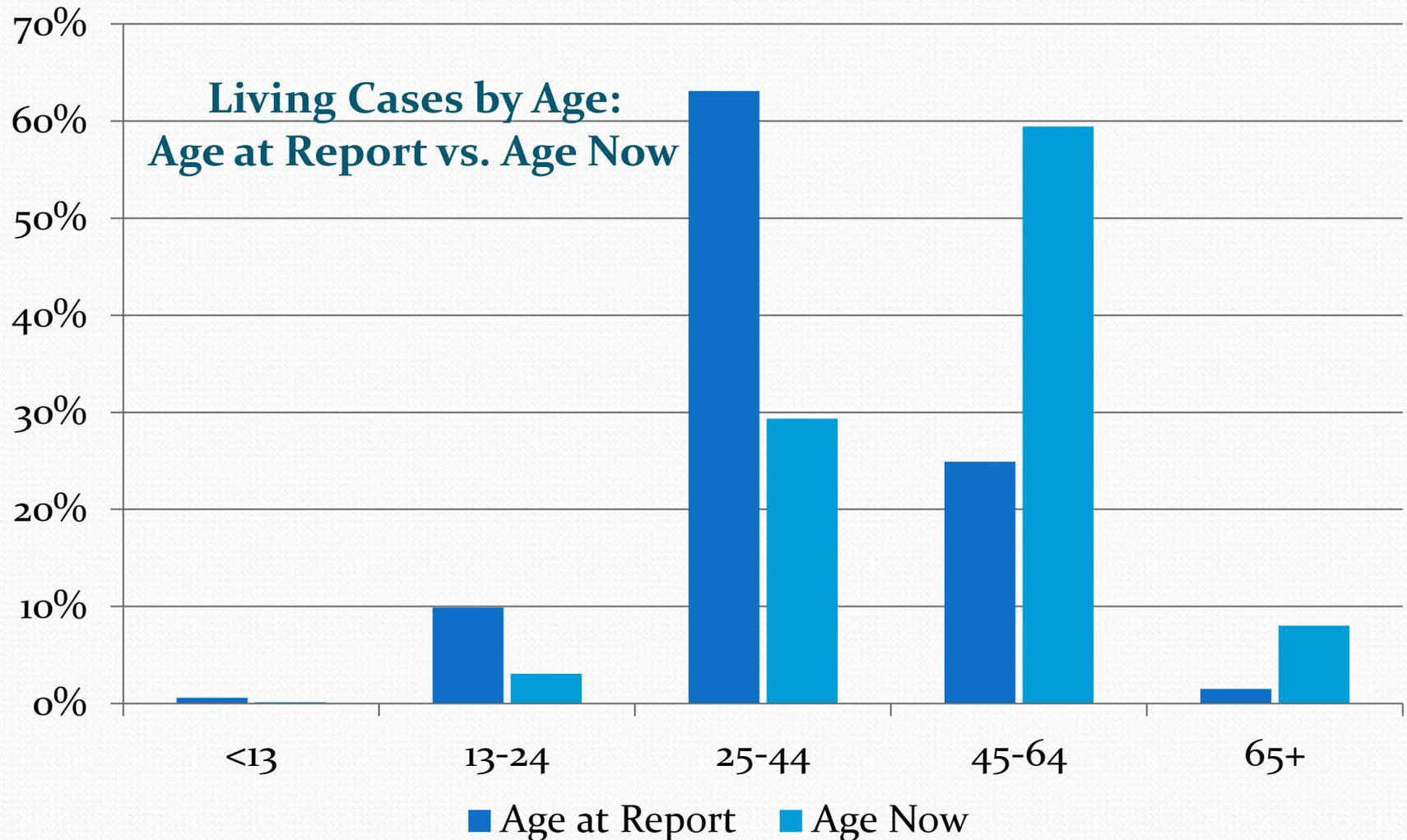


San Bernardino County, 2012



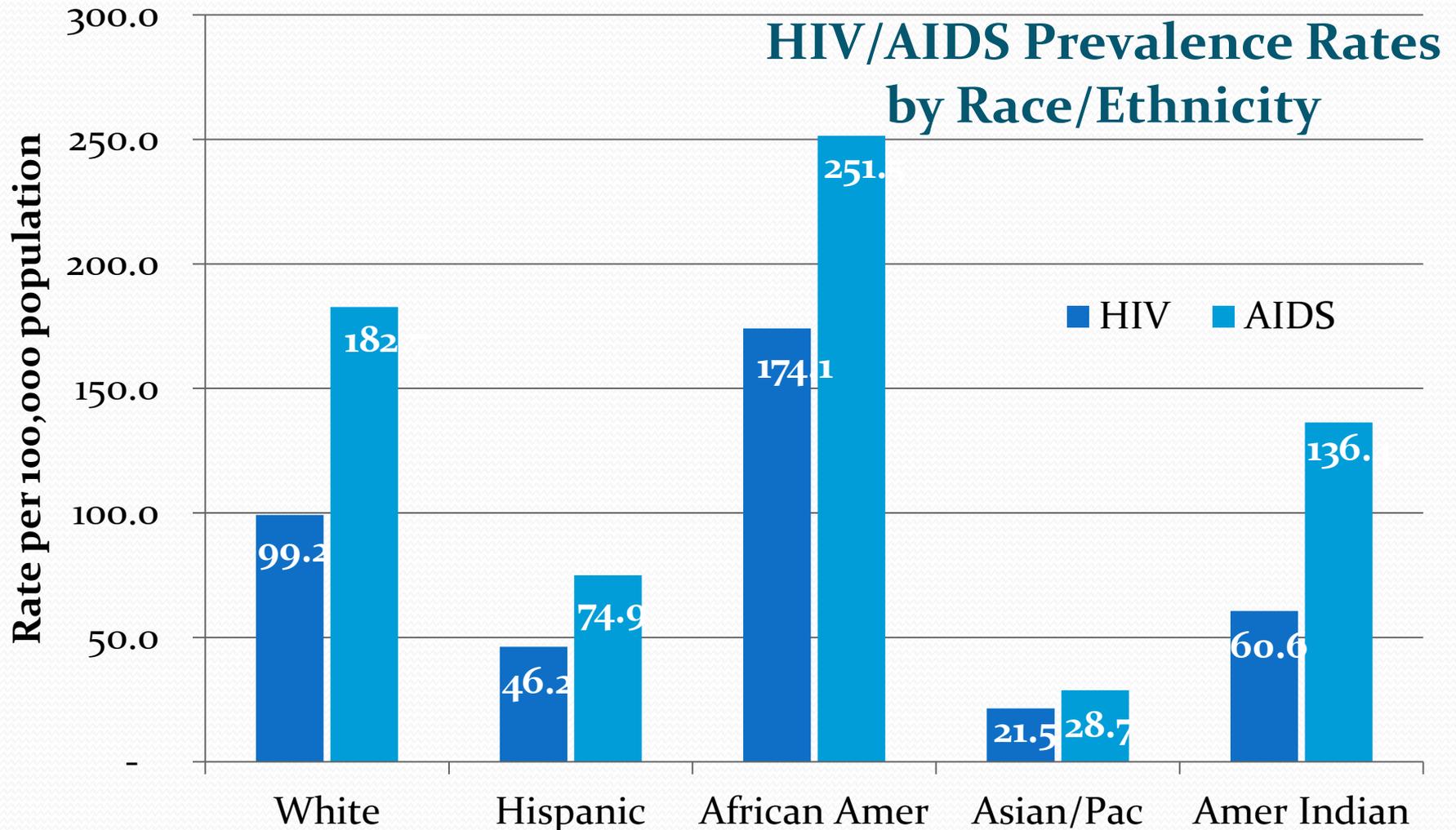
Riv/SB Counties

Prevalence (Living) – 8,518



Riv/SB Counties

Prevalence (Living) – 8,518



HIV/AIDS

- 84% males, 16% females
- Risk factors
 - Males- 73% MSM
 - Females- 58% hetero
- HIS program- identify truly new infections
- Partner Services- notify of exposure
- Prevention with positives
 - Linkage to care, treatment adherence, support services
 - Integration with STD services

Routine Testing Public Health Clinics

- Free to low cost testing based on income and coverage
- Confidential testing
- Anyone 12 years and older can test
- Other STD and family planning services are available
- Multiple locations in county
- 800-722-4777 for an appointment

More HIV Testing

- Mobile testing van in 3 locations in county
- Free
- Anyone 12 years or older
- Confidential or anonymous
- Rapid test (40 mins) or conventional (blood) test available
- Call 800-255-6560 for locations and times

Why Testing is Important

- 16% of HIV positive people are unaware of their status
- Of 1,199 HIV cases diagnosed 2006-2011
 - 446 (37.2%) developed AIDS within 1 year
- Of 726 AIDS cases diagnosed 2006-2011
 - 458 (63.1%) first tested positive less than 1 year prior.
- In care, on treatment, retained in care
 - undetectable viral load
 - Less likely to spread infection



Questions?