

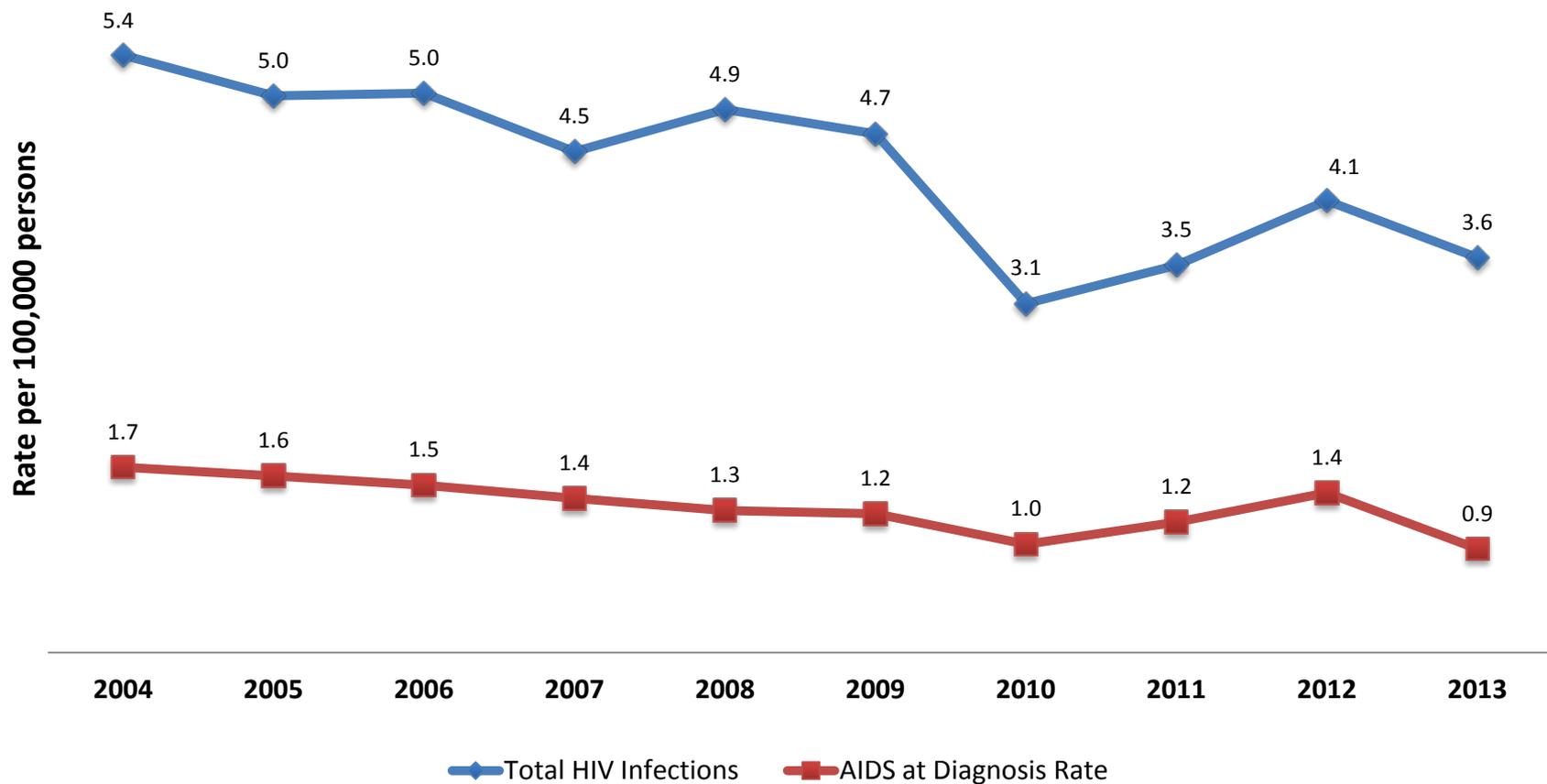


# **Statewide STD Update and Gonorrhea Outbreak Information**

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# HIV Infections (including AIDS) & AIDS at Diagnosis Rates, Utah, 2004-2013



# Cases of Sexually Transmitted Diseases and Rates per 100,000 Population, Utah and United States (U.S.), 2004-2013

Year	Chlamydia			Gonorrhea			Primary and Secondary Syphilis		
	Utah Cases	Utah Rate	U.S. Rate	Utah Cases	Utah Rate	U.S. Rate	Utah Cases	Utah Rate	U.S. Rate
2004	3,858	160.6	316.5	602	25.1	112.4	13	0.5	2.7
2005	4,602	187.2	329.4	727	29.6	114.6	10	0.4	2.9
2006	5,090	201.5	344.3	888	35.2	119.7	21	0.8	3.3
2007	5,720	220.2	367.5	821	31.6	118.0	20	0.8	3.8
2008	6,019	226.0	398.1	477	17.9	110.7	25	0.9	4.4
2009	6,156	226.0	405.3	341	12.5	98.1	33	1.2	4.6
2010	6,689	241.1	423.6	310	11.2	100.2	65	2.3	4.5
2011	7,081	251.6	457.6	277	9.8	104.2	14	0.5	4.5
2012	7,620	266.9	456.7	480	16.8	107.5	42	1.5	5.0
2013*	7,542	260.0-		951	32.8-		74	2.6-	

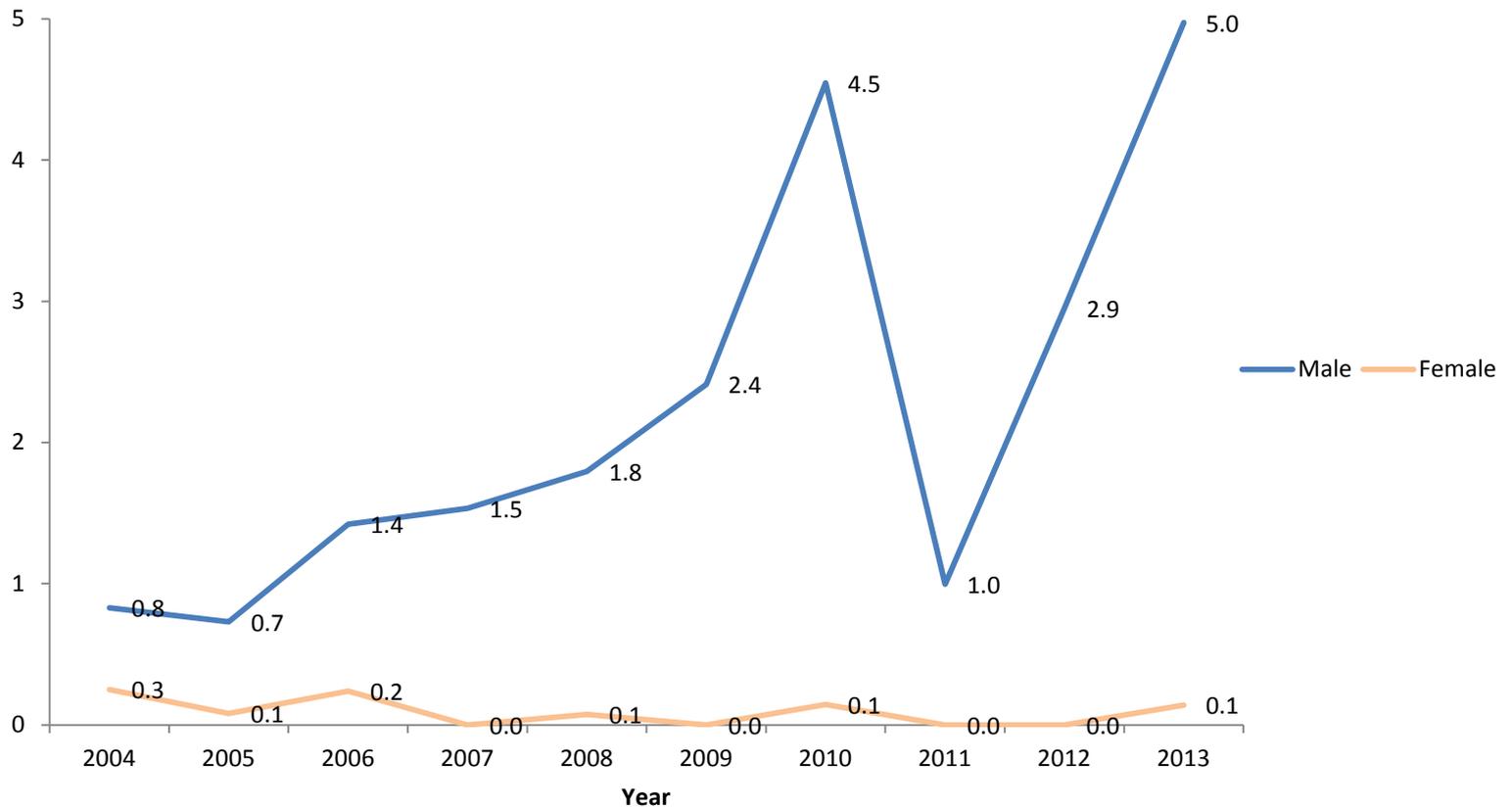
\* 2012 U.S. rate not yet available.

Note: Cases were classified by Morbidity and Mortality Weekly Report (MMWR) year.

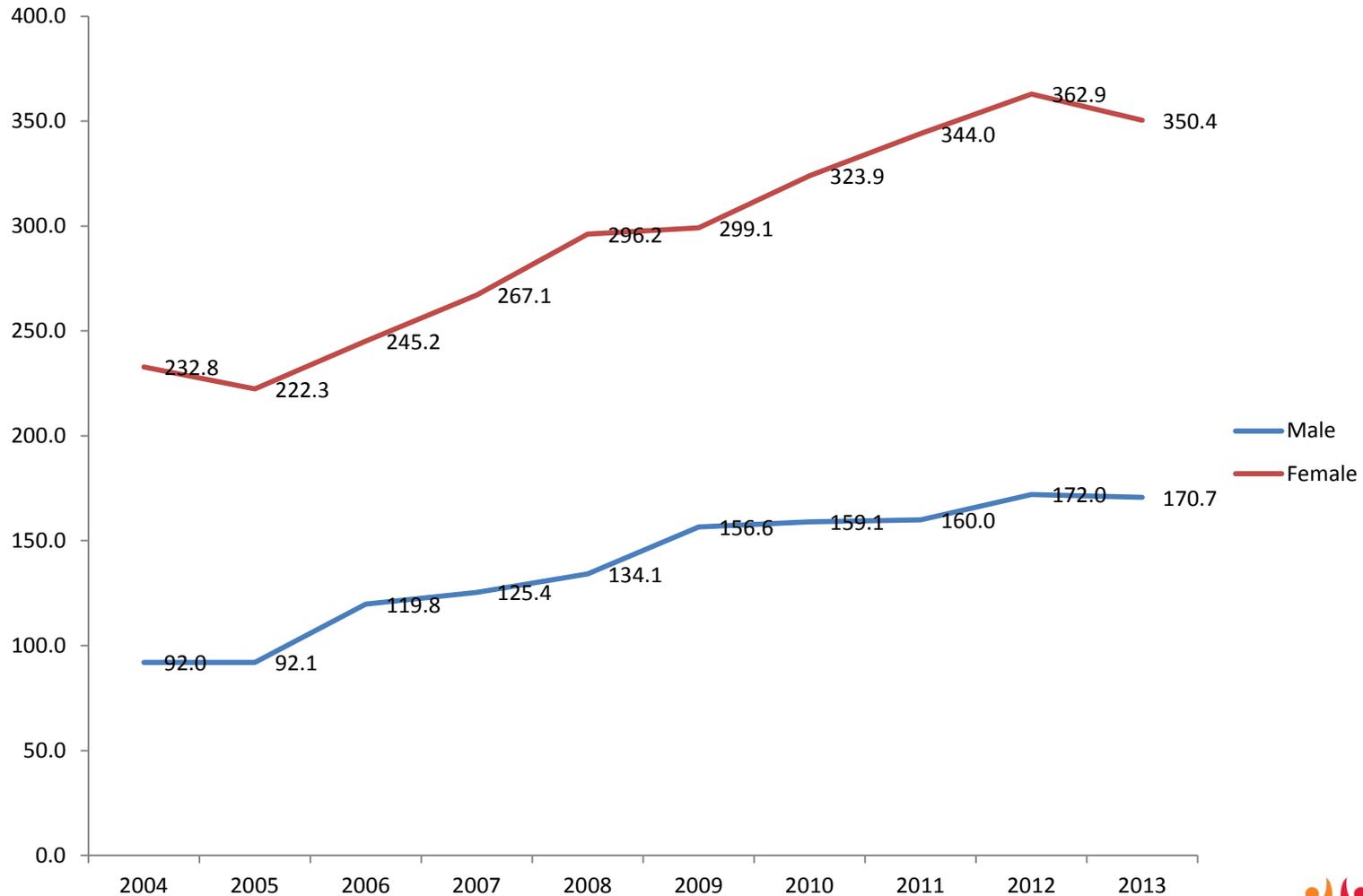
Sources: Utah Cases - Bureau of Epidemiology, Utah Department of Health; US Rates - Centers for Disease Control and Prevention; Population Estimates - National Center for Health Statistics (NCHS) through a collaborative agreement with the U.S. Bureau of the Census.

# Primary and Secondary Syphilis Rates by Sex, Utah, 2004-2013

Rate per 100,000 population

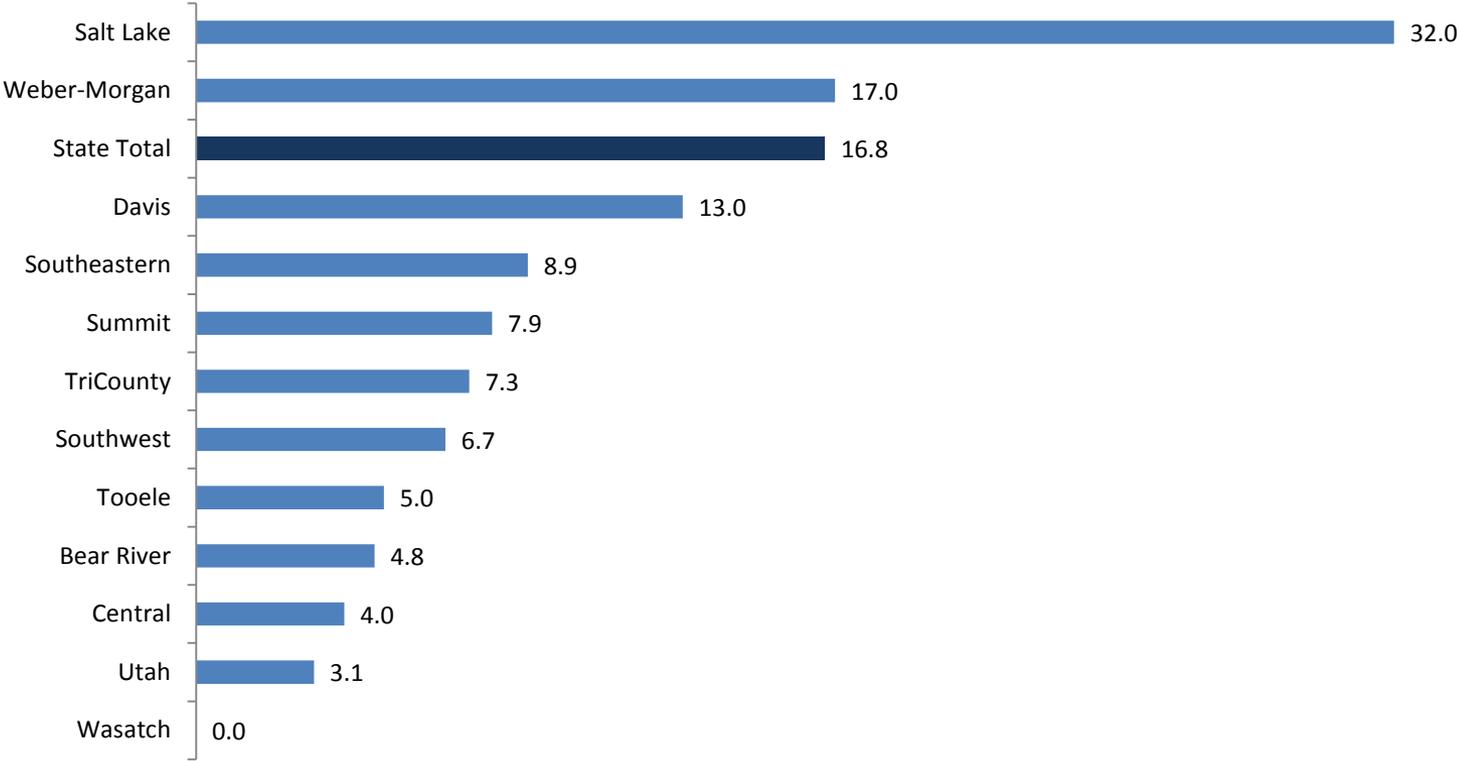


# Chlamydia Rates by Sex, Utah, 2004-2013



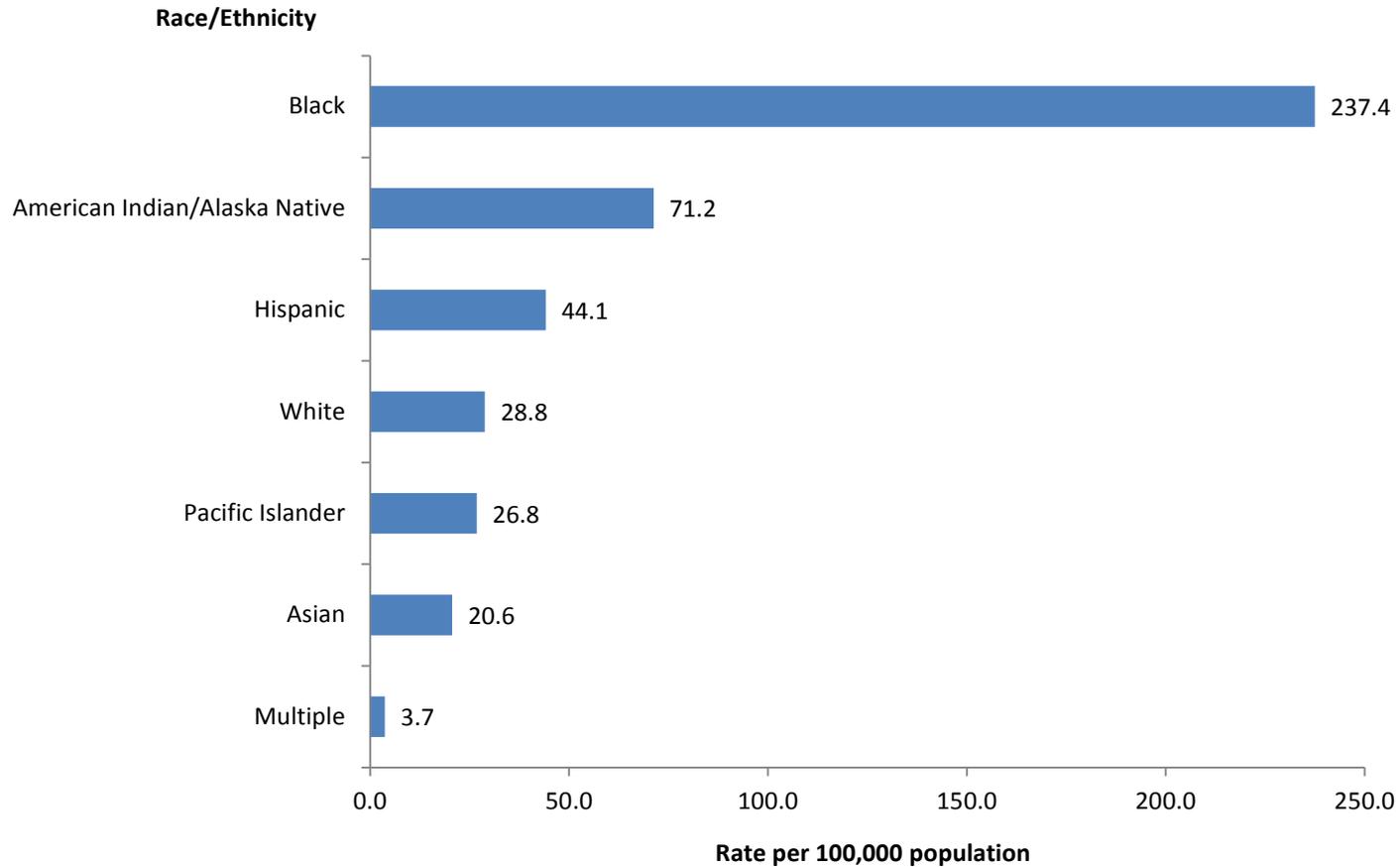
# Gonorrhea Rates by Local Health District, Utah, 2013

Health District

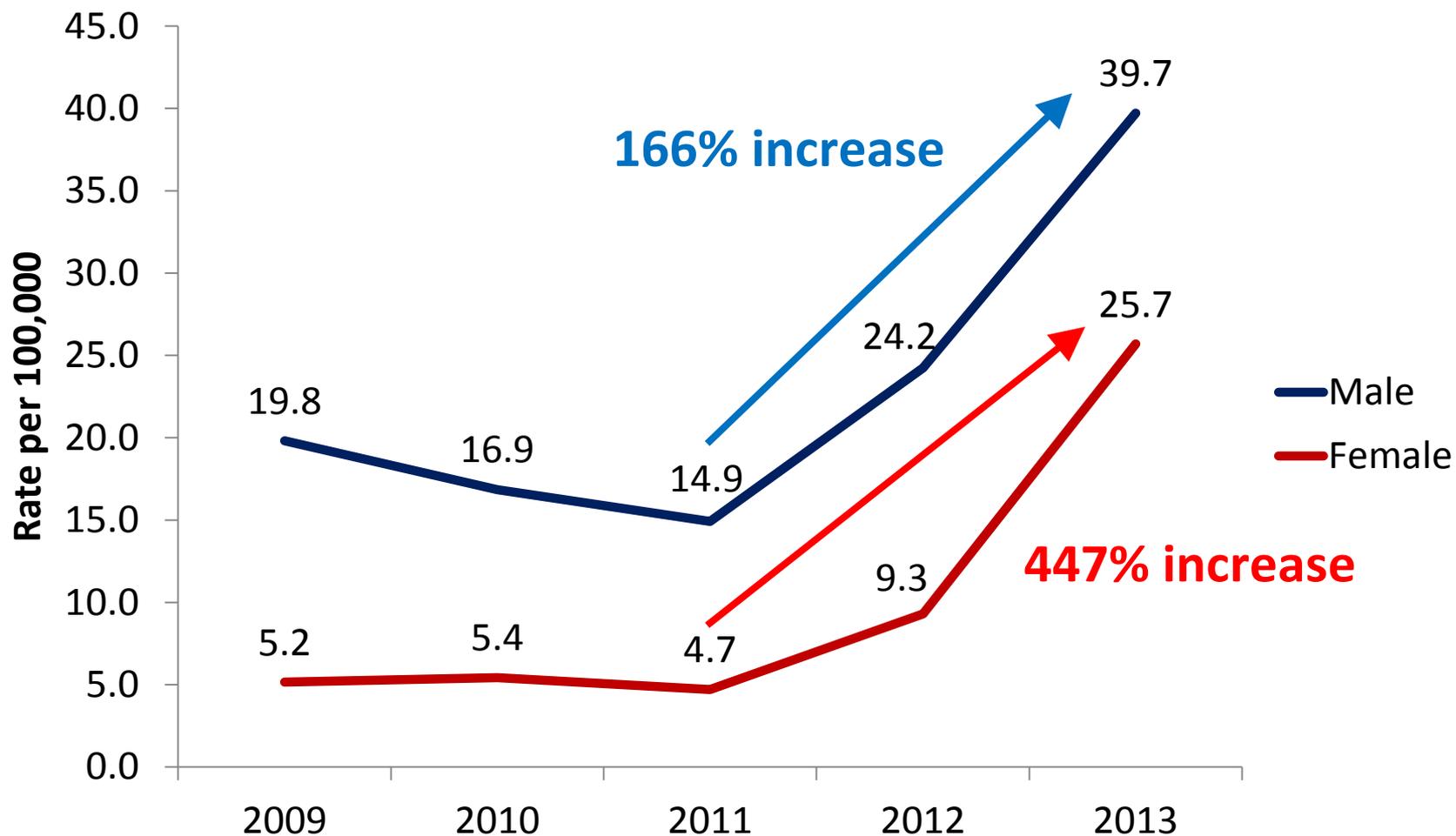


Rate per 100,000 population

# Gonorrhea Rates by Race/Ethnicity, Utah, 2013



# Gonorrhea Rates by Sex, Utah 2009-2013



# Gonorrhea Cases and Percent Among Males by Sexual Orientation, Utah, 2009-2013

Year	MSM*		Not MSM*		Unknown		Total
	Cases	Percent	Cases	Percent	Cases	Percent	Cases
2009	181	68.3%	42	15.8%	42	15.8%	265
2010	155	66.0%	39	16.6%	41	17.4%	235
2011	130	61.6%	49	23.2%	32	15.2%	211
2012	181	51.7%	90	25.7%	79	22.6%	350
2013	247	42.7%	229	39.6%	102	17.6%	578

\*MSM=Men Who Have Sex with Men

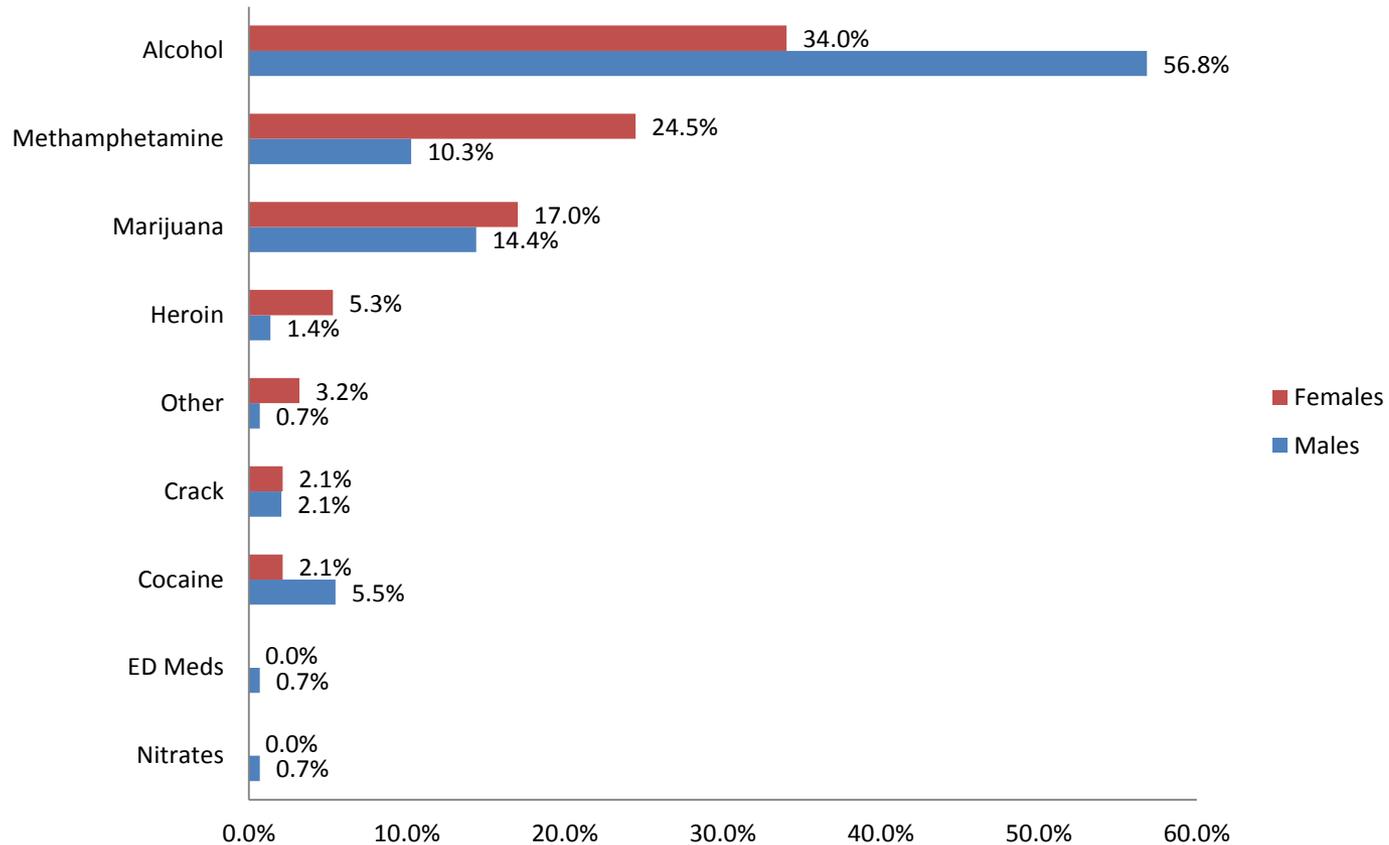
Note: Cases were classified by Morbidity and Mortality Weekly Report (MMWR) year.

Source: Bureau of Epidemiology, Utah Department of Health.

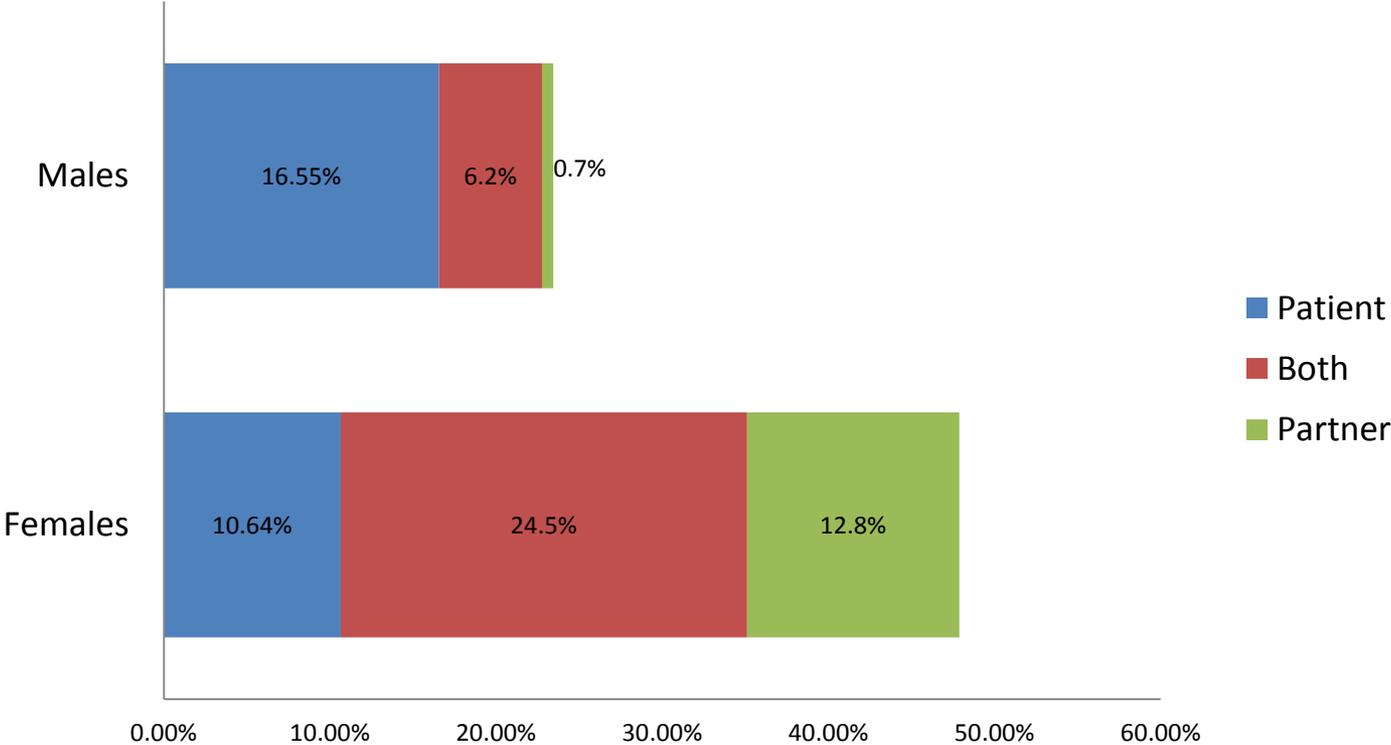
# Supplemental Survey

- 8 additional interview questions
  - Symptoms
  - Health insurance
  - Student status
  - Places met sex partners
  - Anonymous sex partners
  - Drugs and alcohol
  - Exchanging sex for drugs, money etc.
  - Sex of sex partners

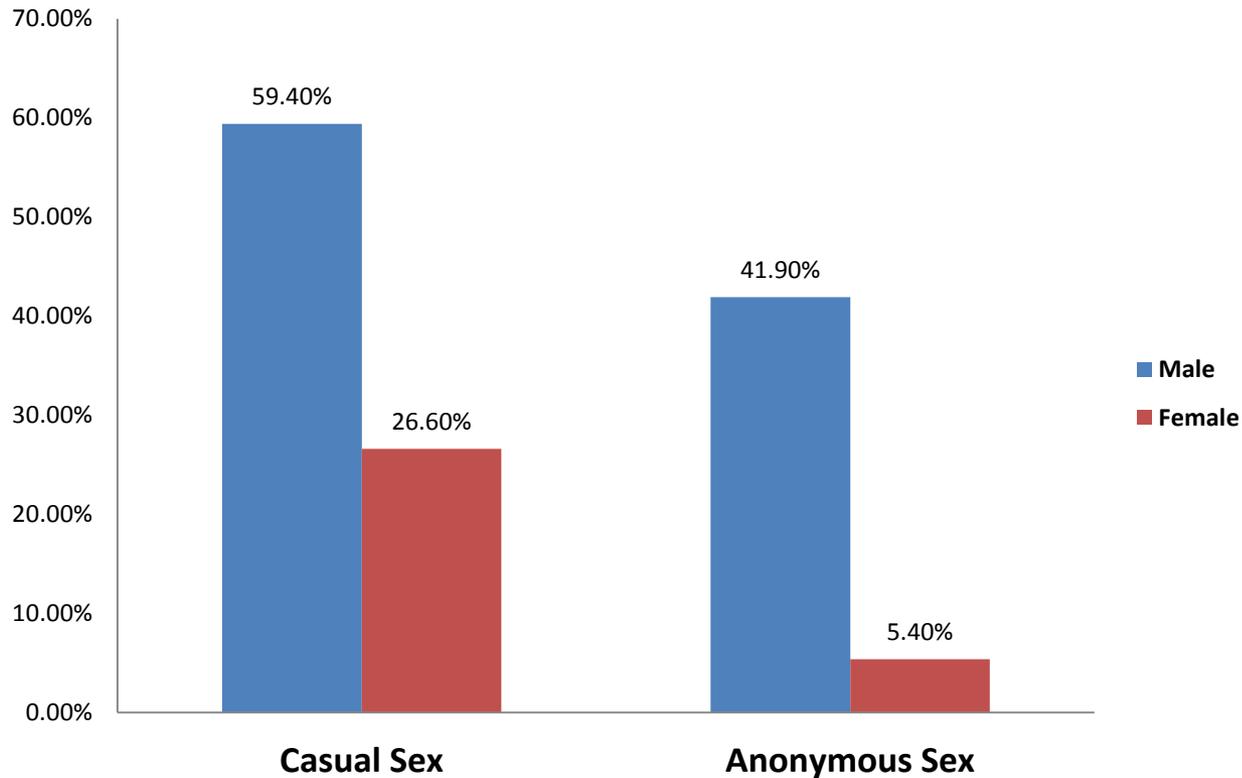
# Percent of Survey Respondents who Claimed Substance Use by Sex, Utah, 4/21/14 - 9/20/14



# Percent of Respondents Who Claimed Incarceration of Self or Partner within Past 12 Months, Utah, 4/21/14 - 9/20/14



# Percent of Respondents who Claimed Casual or Anonymous Sex Partners by Sex, Utah, 4/21/14 - 9/20/14



# STD Screening Guidelines

- Women 25 years of age and younger
- Women >25 years of age
  - have sex with more than one partner
  - have a new partner
  - use barrier contraceptives inconsistently.
- Males and females with other STDs
- All pregnant women during first prenatal visit and during third trimester
- MSM should be screened at multiple sites of exposure (urethral, pharyngeal, rectal)
- Engaged in commercial sex work
- Suspected drug use\*
- Patient or partner incarcerated in past 12 months\*

# Treatment Guidelines

Ceftriaxone 250 mg in a single intramuscular dose



**PLUS**



Azithromycin 1 g orally in a single dose

**\*\*** *As dual therapy, ceftriaxone and azithromycin should be administered together on the same day, preferably simultaneously and under direct observation.*

# Additional Considerations

- Stress the importance of partner treatment
  - Multiple partners, same sex partners
  - Educate about health department's role in contact tracing
- Expedited Partner Therapy

# Questions?

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