



HIV Infections in Utah: 2013 Epidemic Update

Definitions

Cases – persons diagnosed with HIV and reported to public health

Rates – cases per 100,000 populations

Sex – Sex of infant determined at birth

Transmission Category – most likely to be the cause of becoming infected

MSM – Men who have Sex with Men

IDU – Injection Drug Users

Local Health District – 29 Counties make 12 LHDs

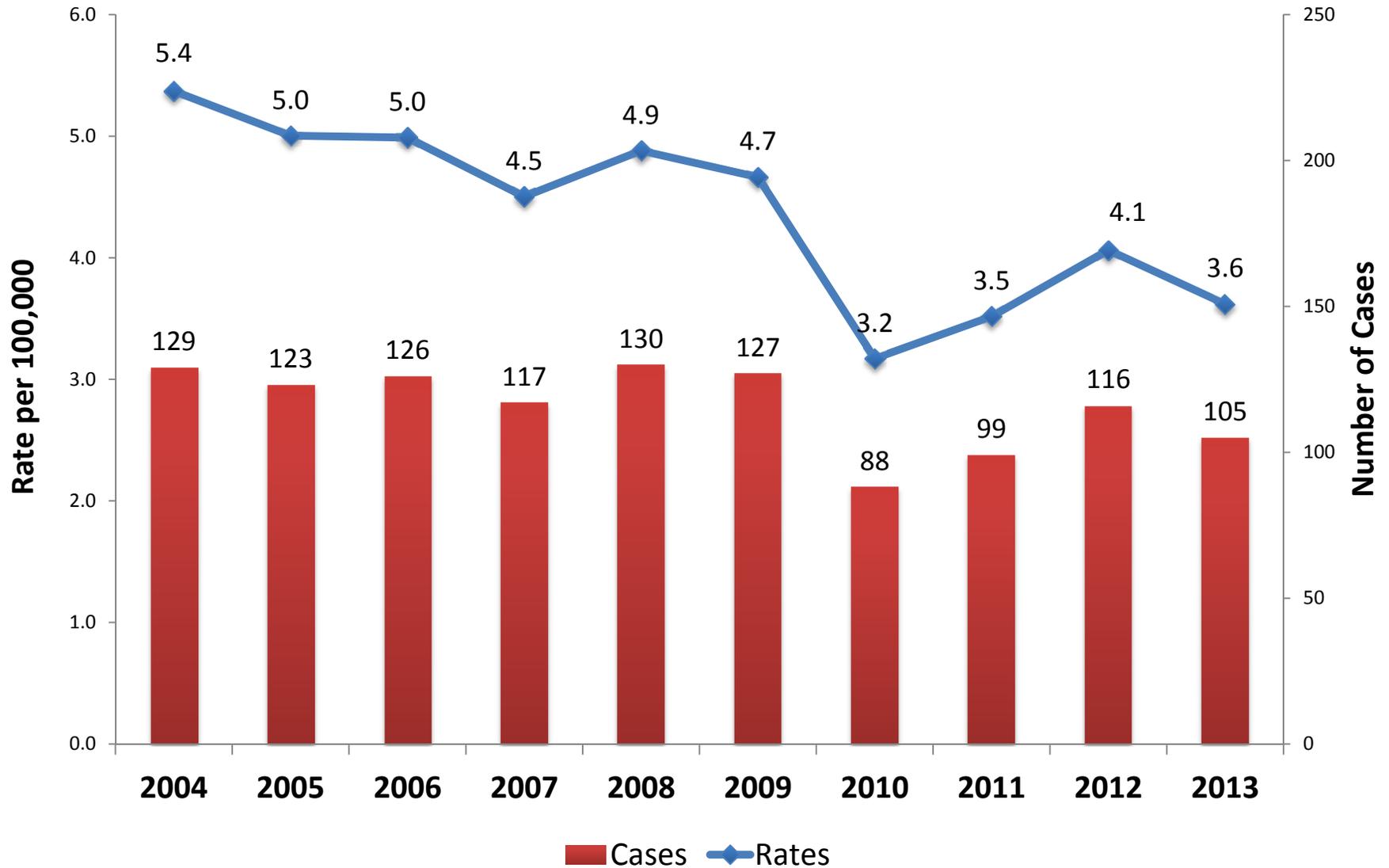
Foreign-born – currently living in Utah but born outside of United States

HIV INFECTION

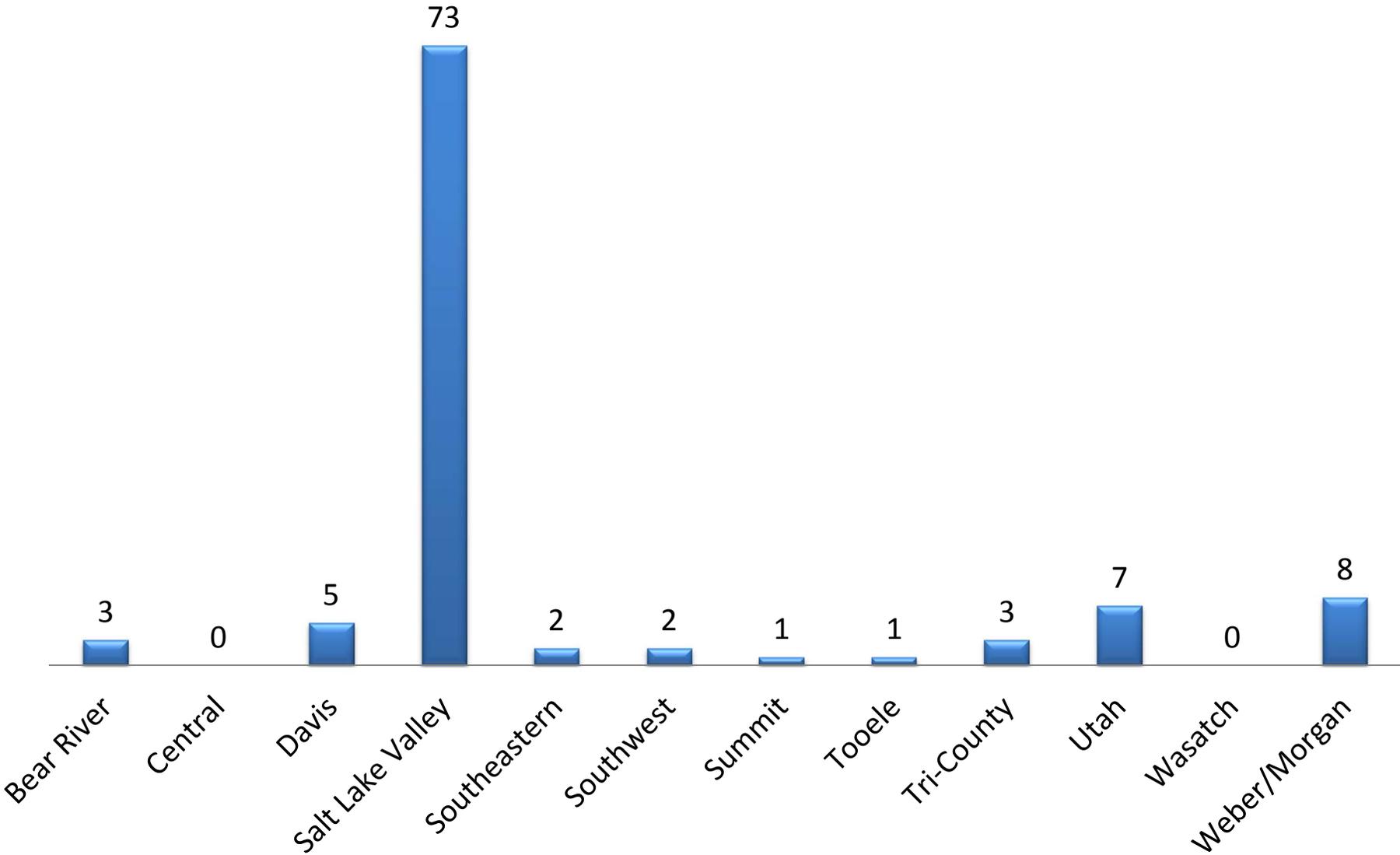
Human Immunodeficiency Virus (HIV) infections pertains to individuals newly diagnosed with HIV regardless of their disease stage such as AIDS.

New HIV infections are people who have never been diagnosed with HIV and who also lived in Utah at the time of their diagnosis.

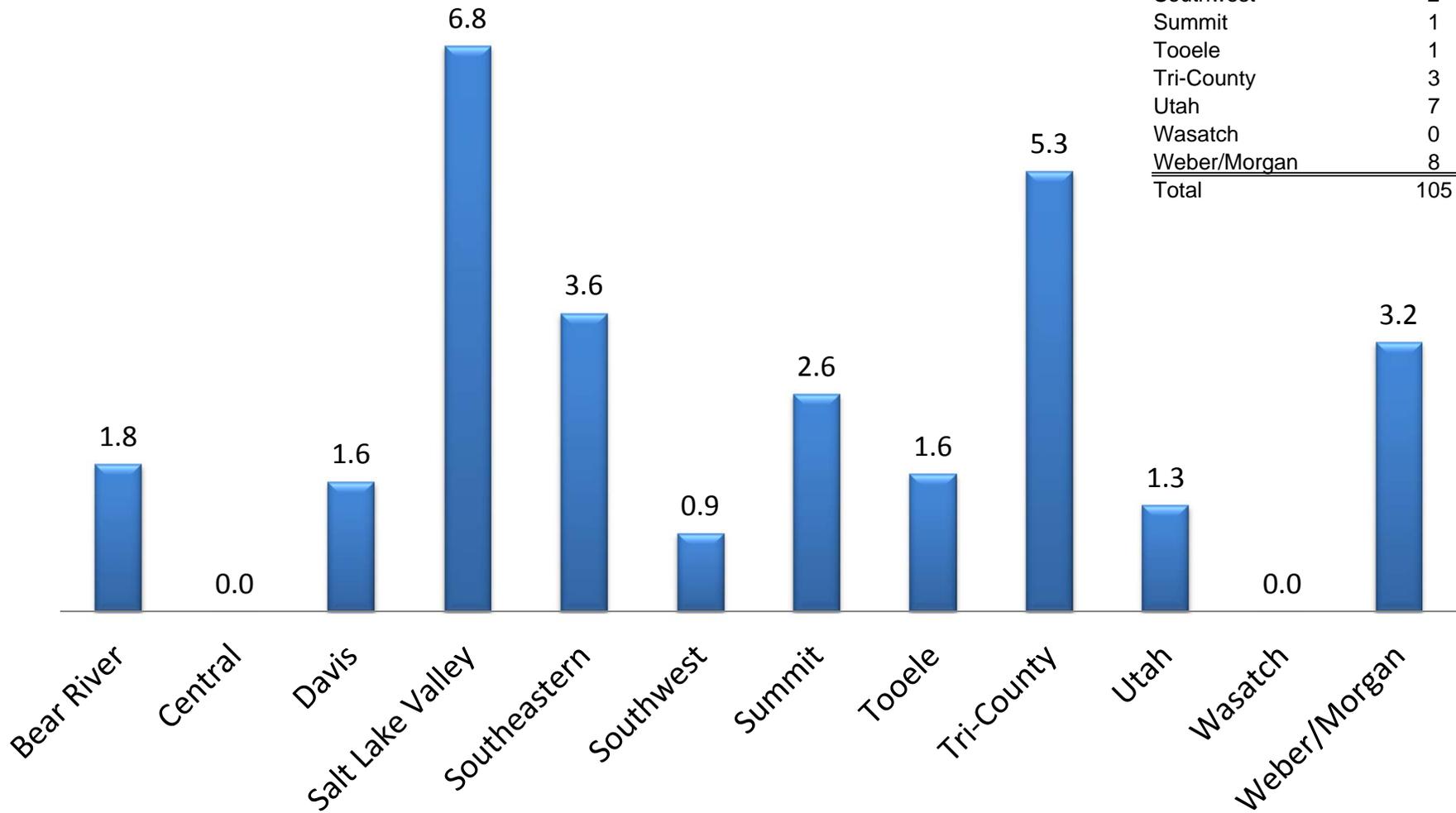
Cases & Rates of HIV Infection, Utah, 2004-2013



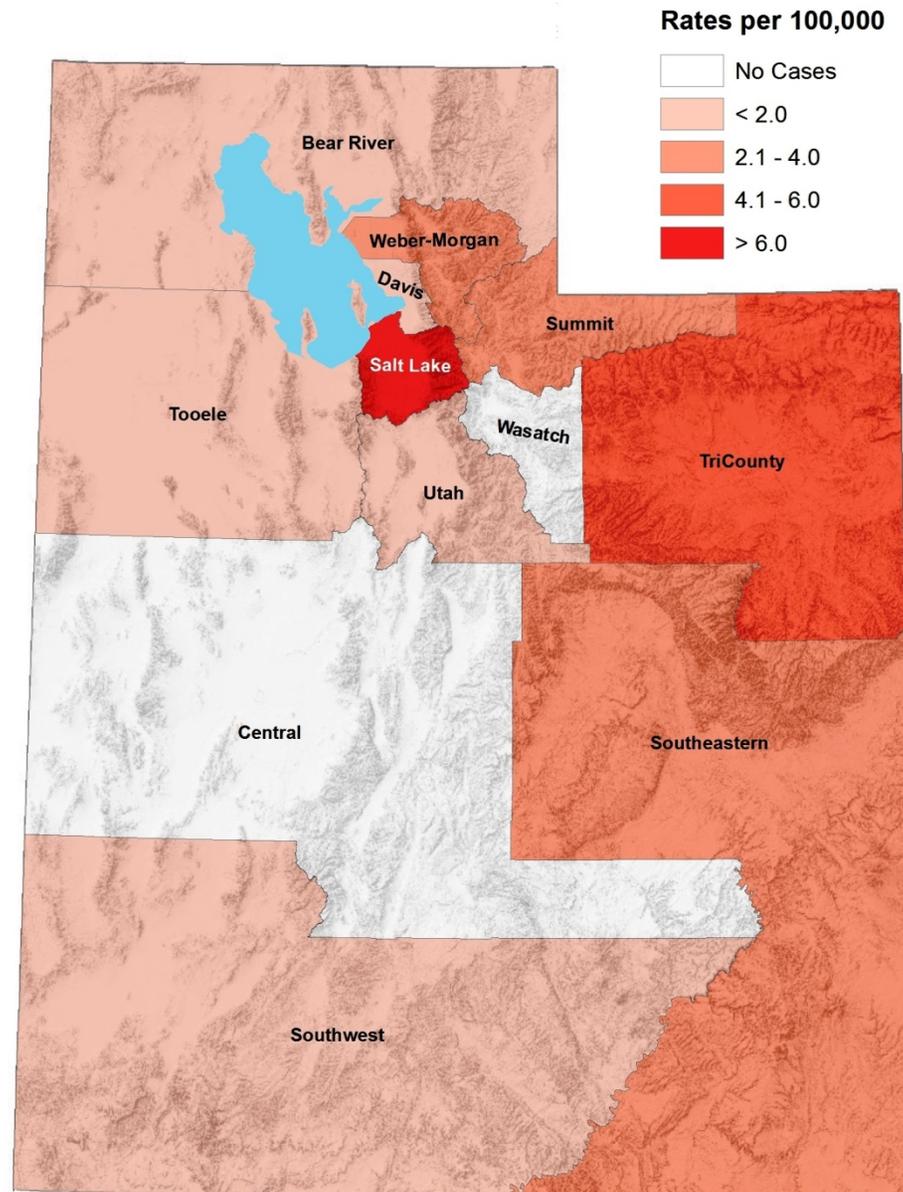
Number of HIV Infections by Local Health District, Utah, 2013



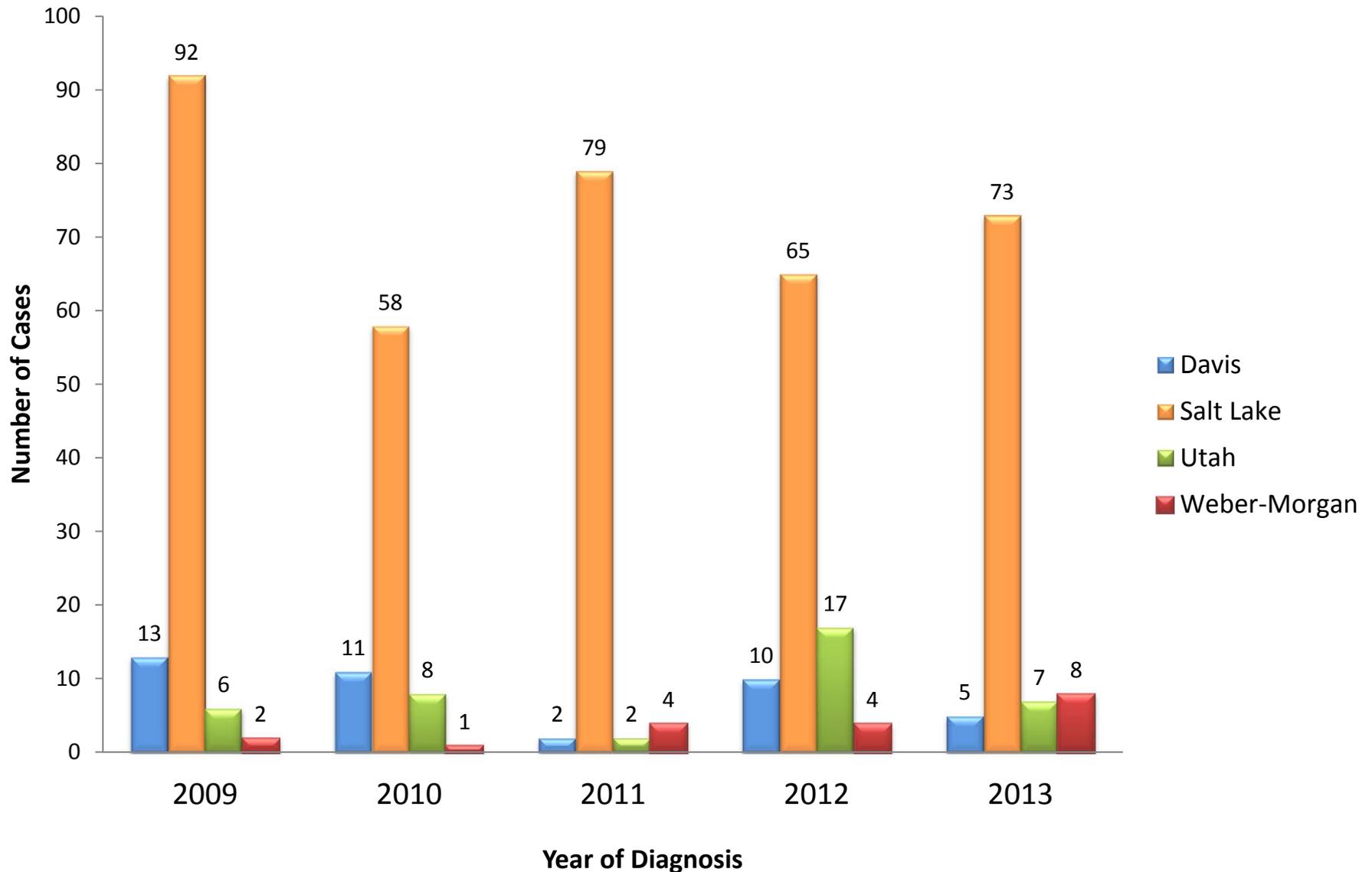
HIV Infection Rates per 100,000 by Local Health District, Utah, 2013



HIV Infection Rates by Local Health District, Utah, 2013



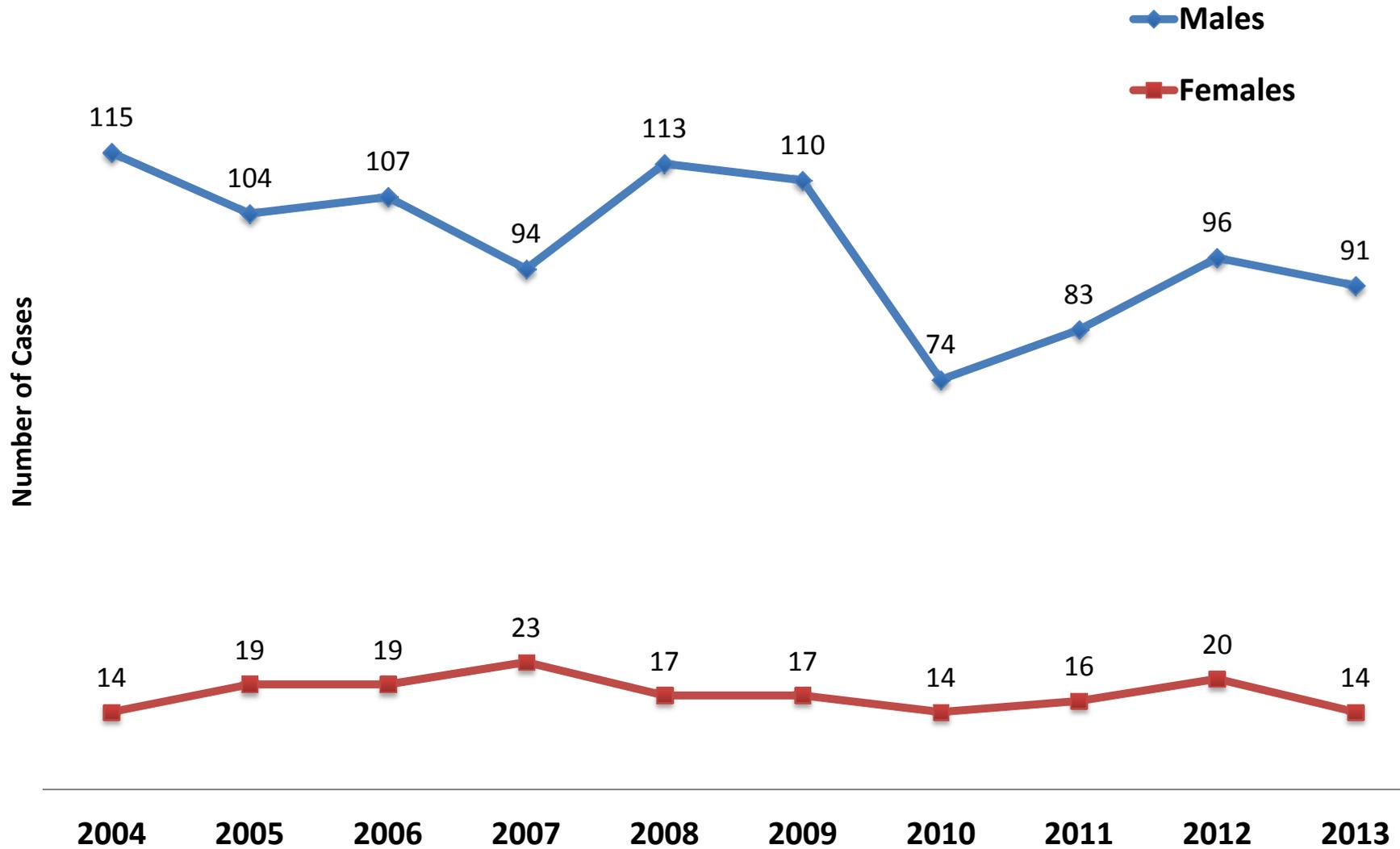
Number of HIV Infections along the Wasatch Front by Local Health District, Utah, 2009 - 2013



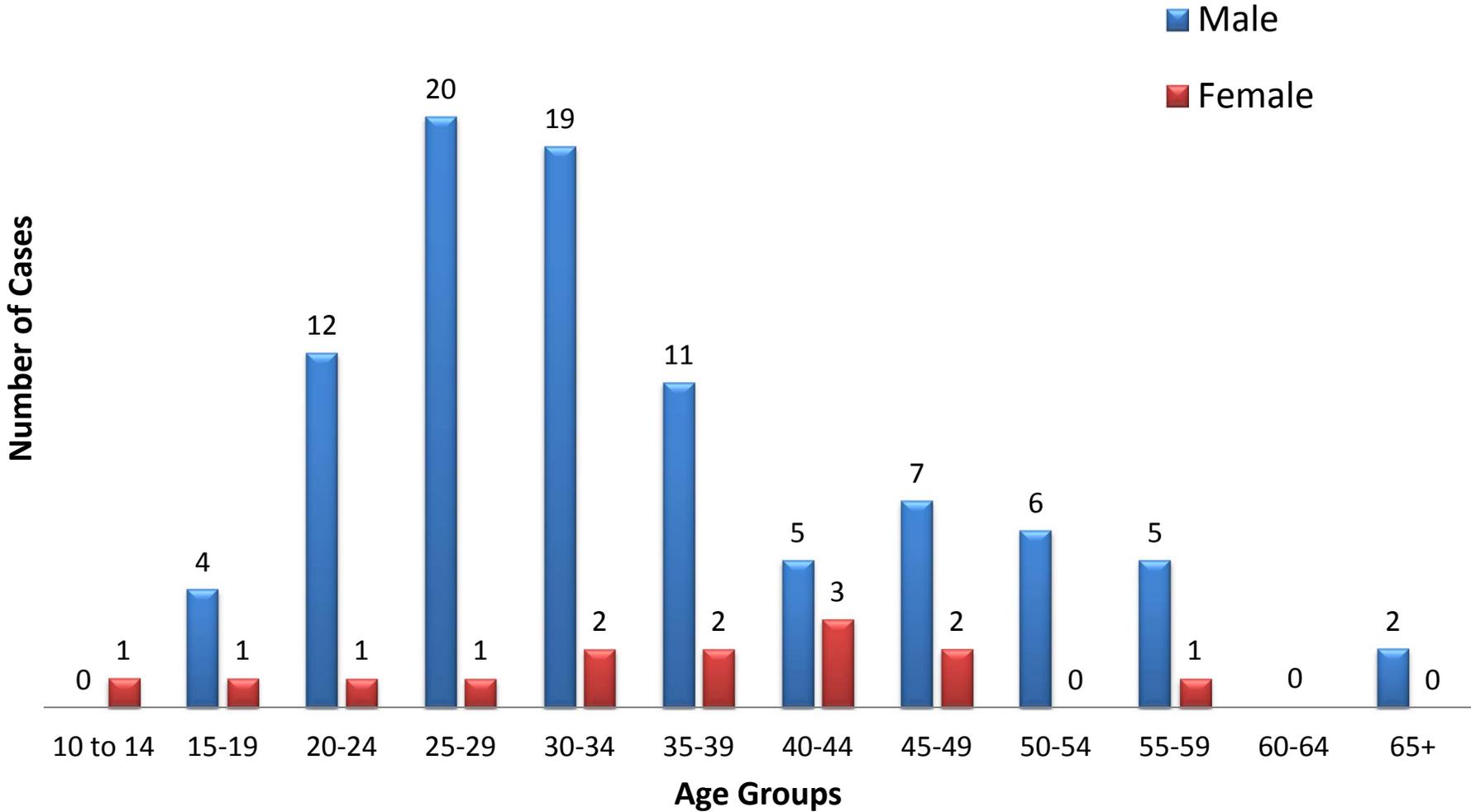
Geographic Summary

- 70% of new infections are in Salt Lake County
- Other jurisdictions have elevated rates due to low population but still small case counts
- Case counts have remained stable over the last 5 years with a few exceptions

Number of HIV Infections by Sex, Utah, 2004-2013



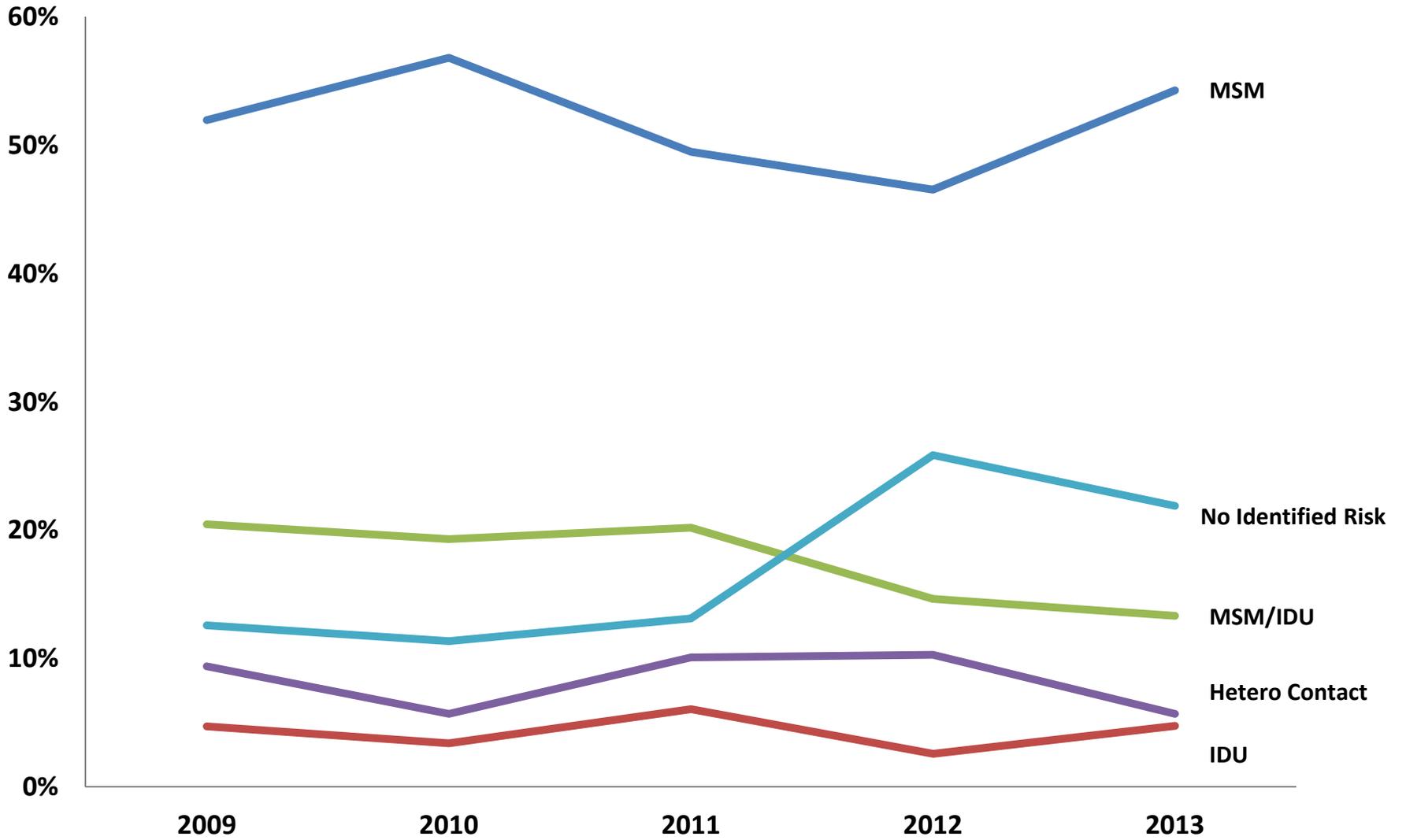
Number of HIV Infections by Sex & Age Group, Utah, 2013



HIV Infections by Sex Summary

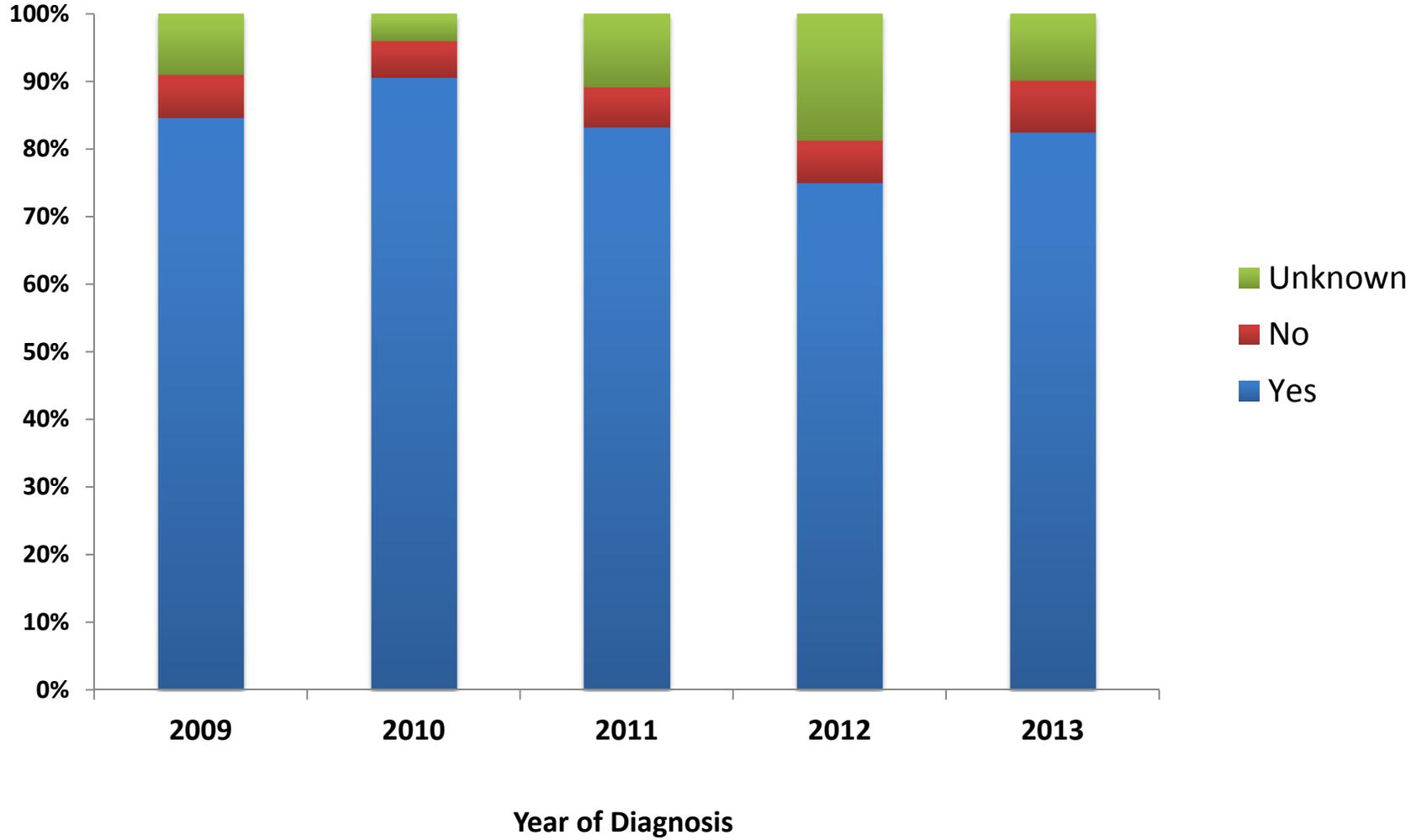
- New infections among men have declined but remained stable among women
- Young men in their 20s & 30s continue to account for the majority of new infections
 - Women are slightly older

Percentage of HIV Infection by Transmission Category, Utah, 2009 - 2013



HIV Infection in Males by MSM Status, Utah, 2009-2013

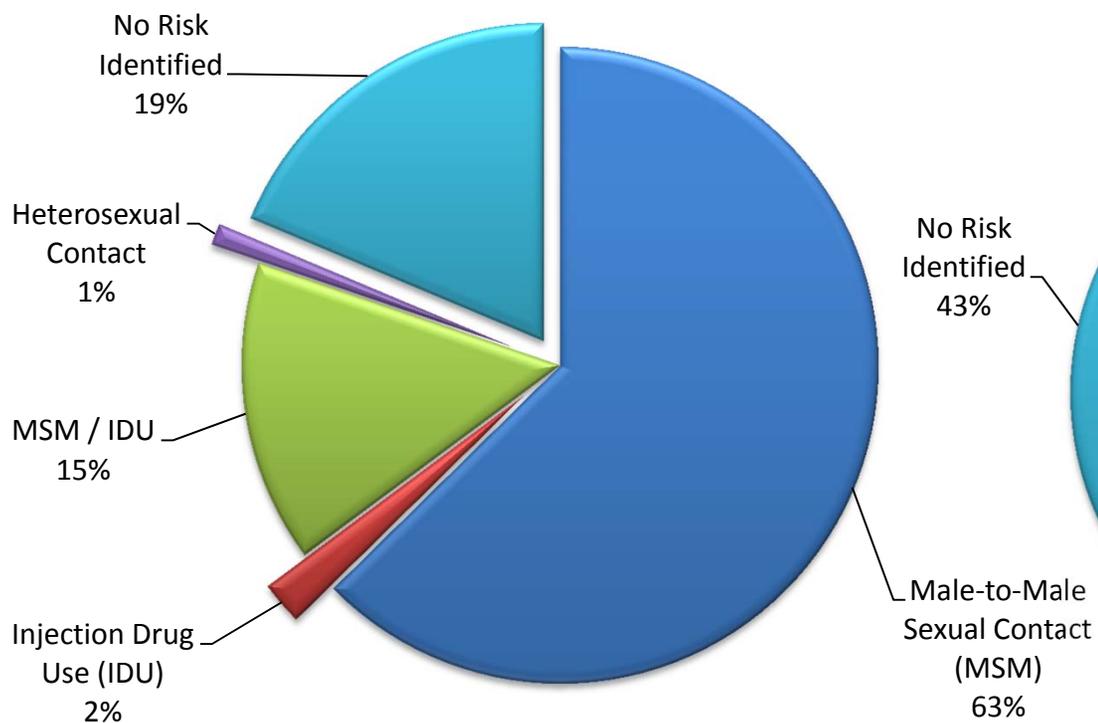
Percent
of Cases



Percentage of HIV Infection by Transmission Category and Sex, Utah, 2013

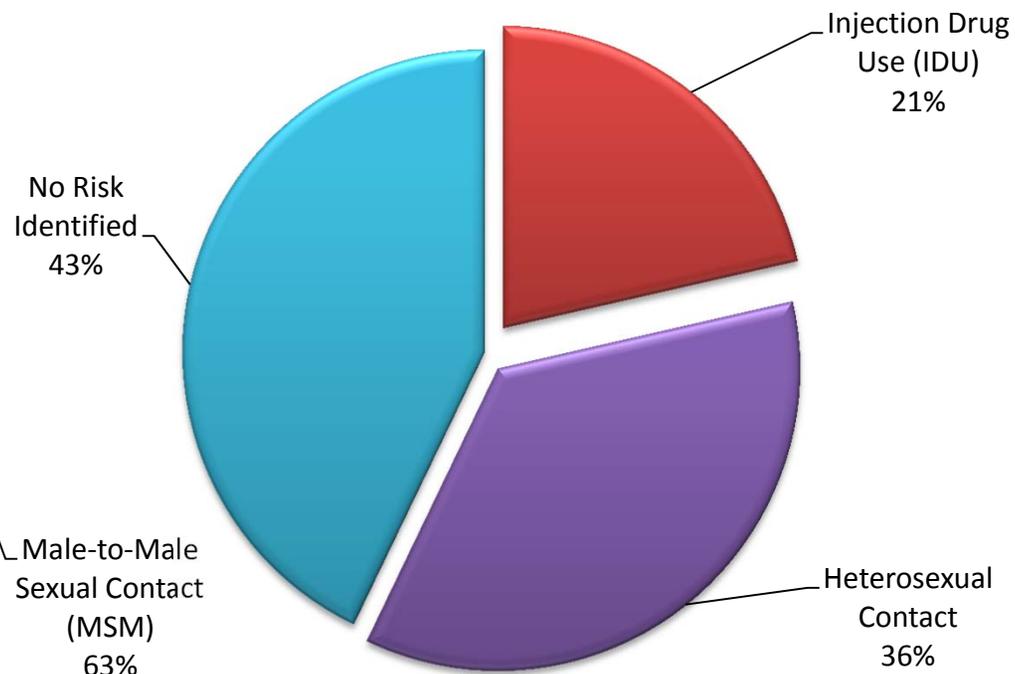
Males

No. = 91



Females

No. = 14

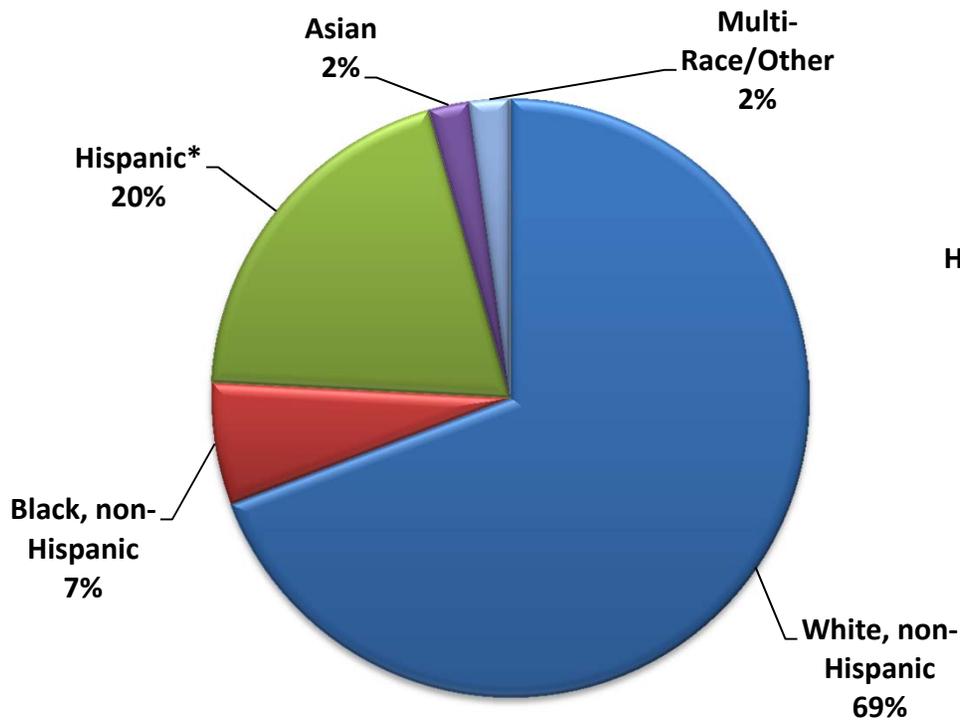


HIV Infections by Transmission Category Summary

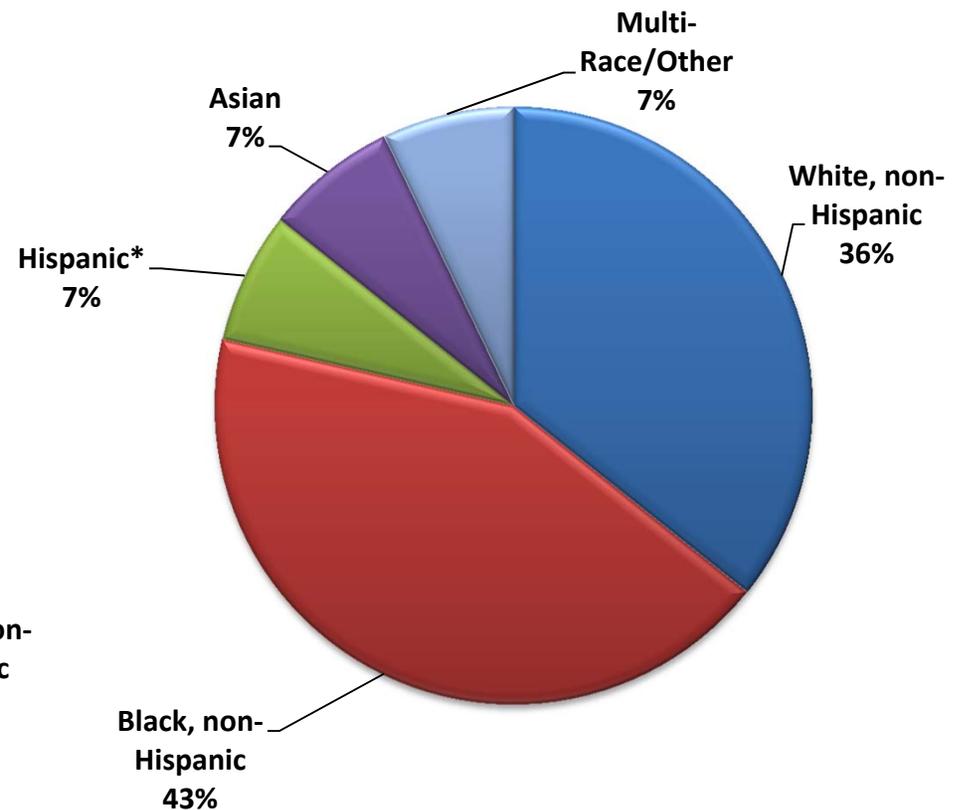
- Risk trends have remained somewhat stable over the last 5 years except:
 - Unidentified Risk slightly increased
 - Hetero & MSM/IDU increased
- Male risk continues to be mostly MSM
- Female risk primarily Hetero & IDU
- Unidentified Risk continues to increase

Percentage of HIV Infection by Race/Ethnicity and Sex, Utah, 2013

Males
No. = 91



Females
No. = 14



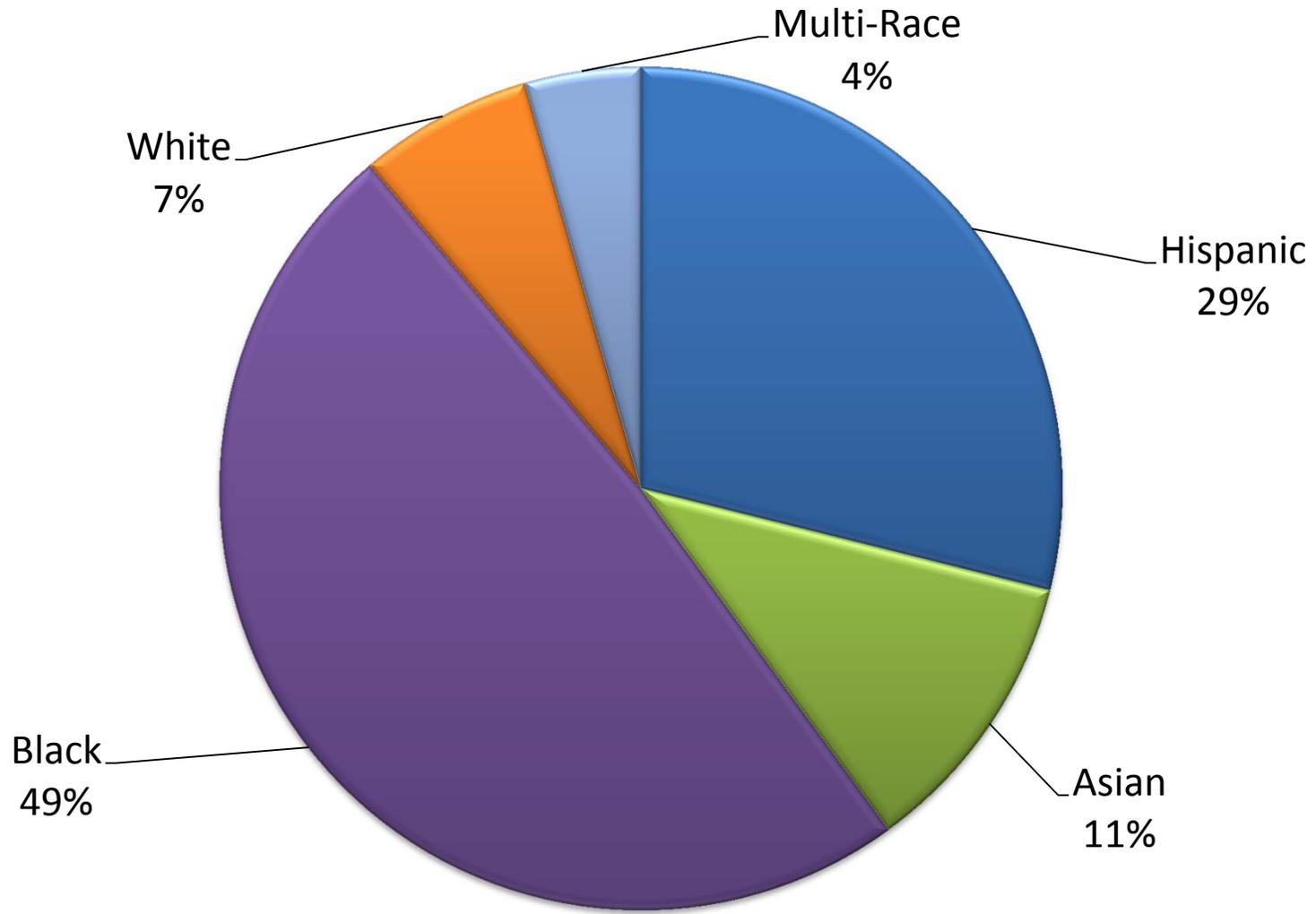
*Hispanic ethnicity regardless of Race

Note: No person diagnosed with HIV in 2013 were among Pacific Islanders or American Indians / Alaskan Natives

Race/Ethnicity among Foreign-born HIV Population, 2013

- In 2013,
 - **41.9%** of new infections were among those who were Foreign-born
 - **38.5%** of Males were foreign-born
 - **64.3%** of Females were foreign-born
 - Furthermore,
 - ❖ **100%** white females were US-born
 - ❖ **100%** non-white females were Foreign-born

Percent of Foreign-born Females Diagnosed with HIV, Utah, 2009 - 2013



New Infections Summary

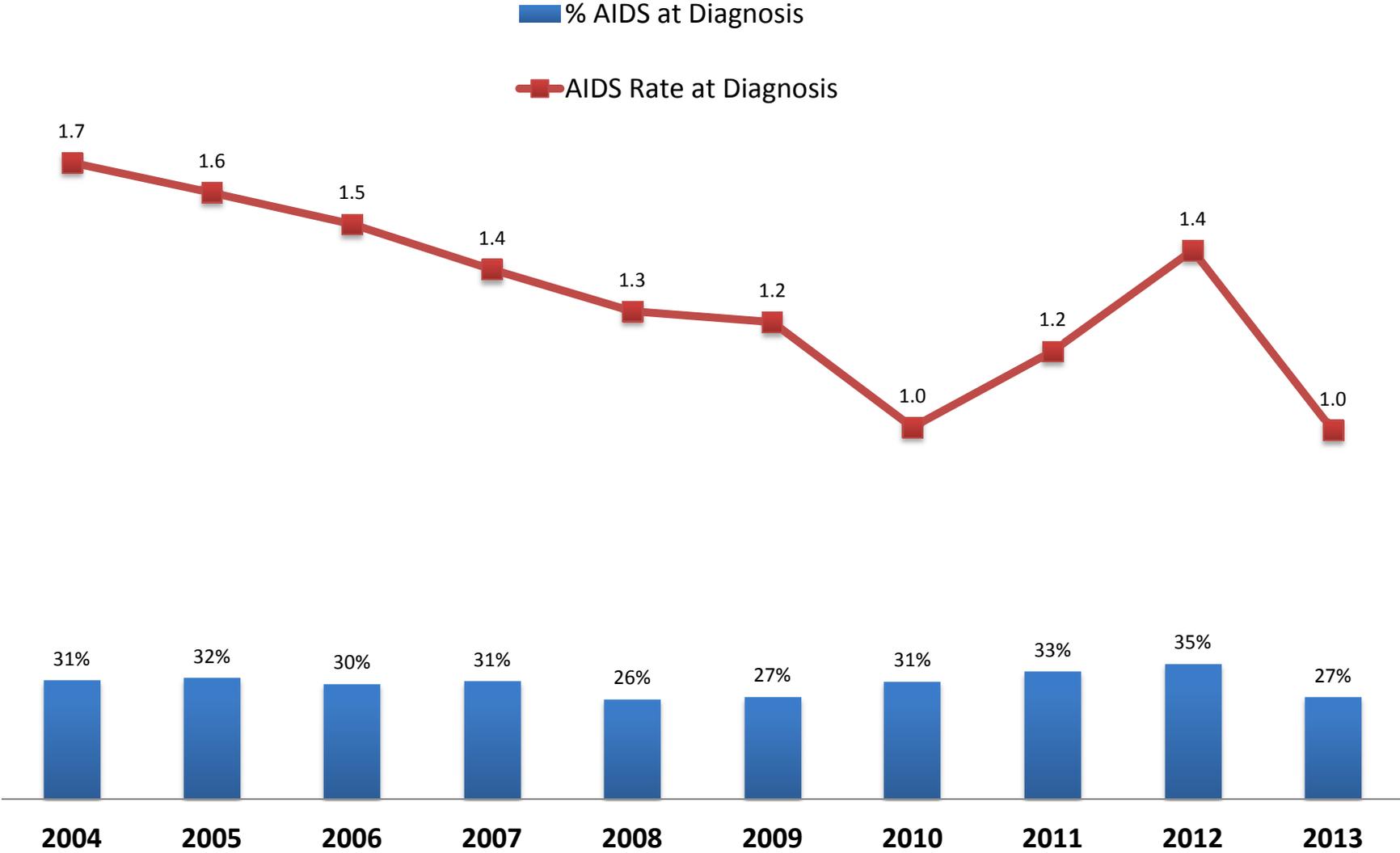
- Majority of new infections are in Salt Lake
- **Males** are primarily White, MSM, and younger
 - MSM/IDU and Hispanics are also highly affected
- **Females** are primarily Black, older, and report Heterosexual risks
 - Clear distinction between Race & Foreign-born
- **Foreign-born** is higher among females but accounts for more than expected of total number

AIDS AT DIAGNOSIS

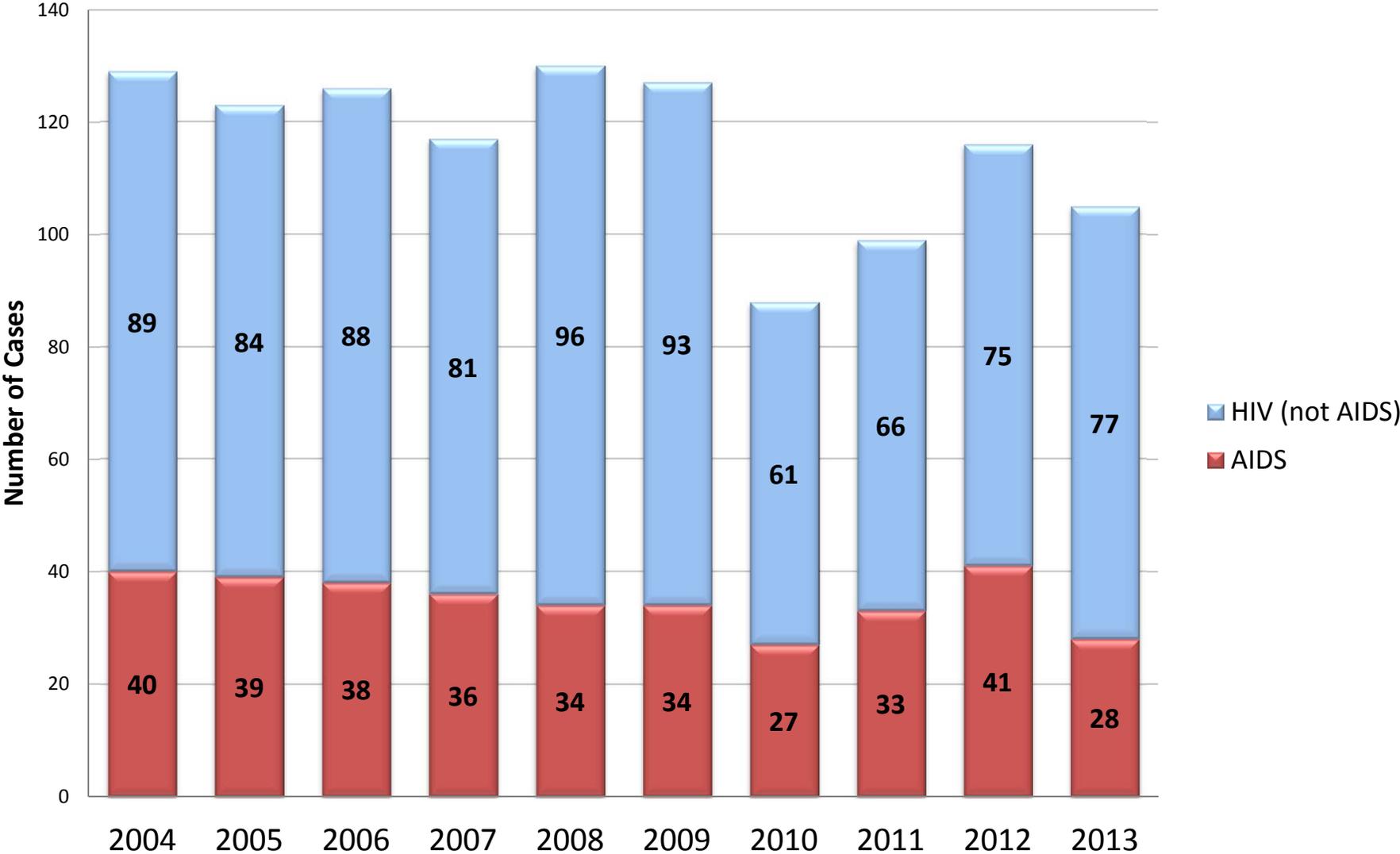
Acquired Immunodeficiency Syndrome (AIDS) is a progressed stage of HIV infection (eg. Stage 3).

Persons infected with HIV who progress to AIDS prior to diagnosis are considered to have a prolonged infection without testing. People unaware of their infection will unknowingly continue to spread the virus and develop poor health.

AIDS Diagnosis Rates & Percentage, Utah, 2004-2013



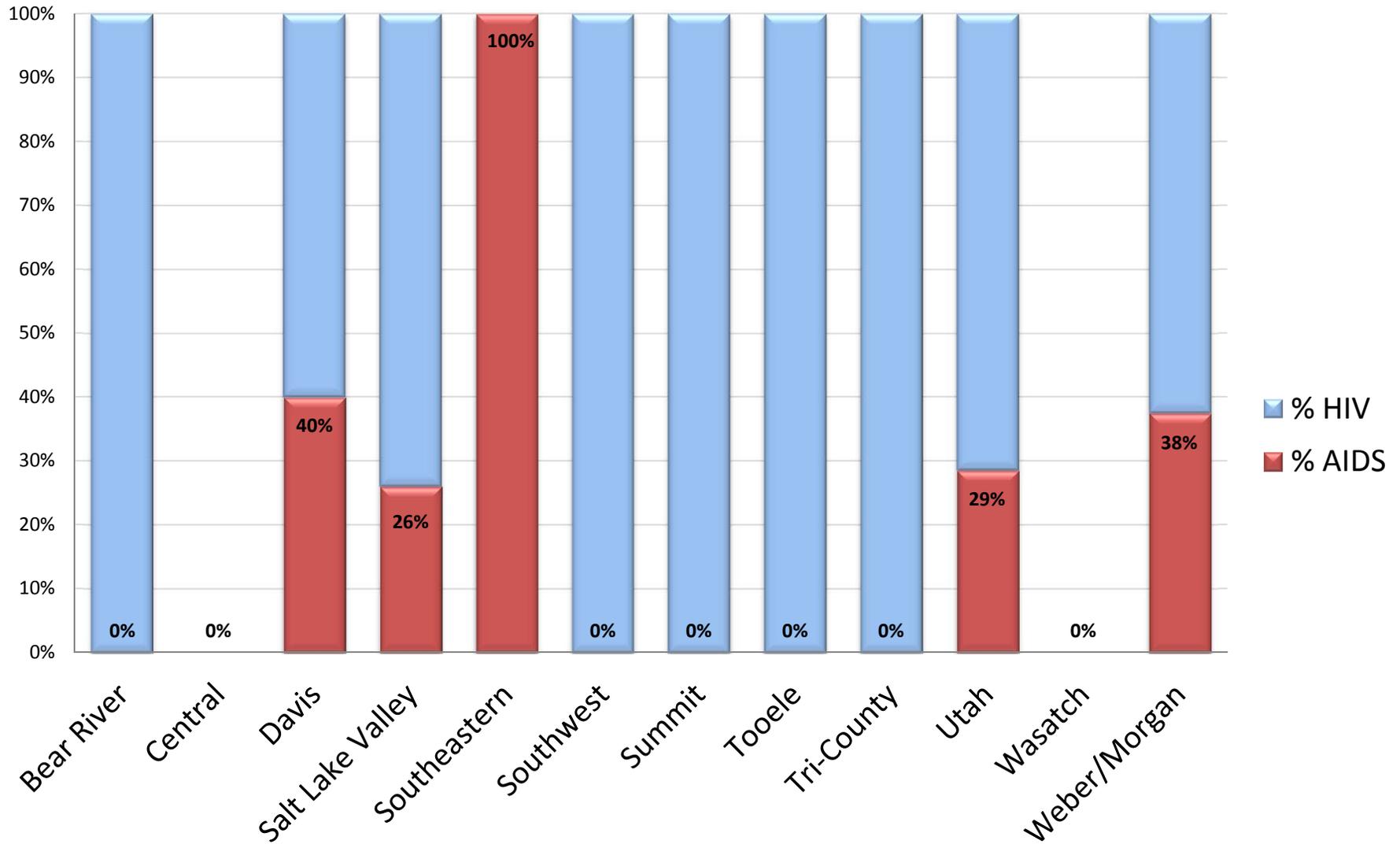
Number of HIV (not AIDS) & AIDS Cases, Utah, 2004 - 2013



Clinical Stage at Time of Diagnosis by Local Health District, Utah, 2013

- Salt Lake County accounted for no difference between % of AIDS (68%) and HIV (70%)
- Within the Wasatch Front, Salt Lake County had the lowest proportion of AIDS at diagnosis (26%)
- Southeastern Health District only had two cases of HIV but both were AIDS at diagnosis

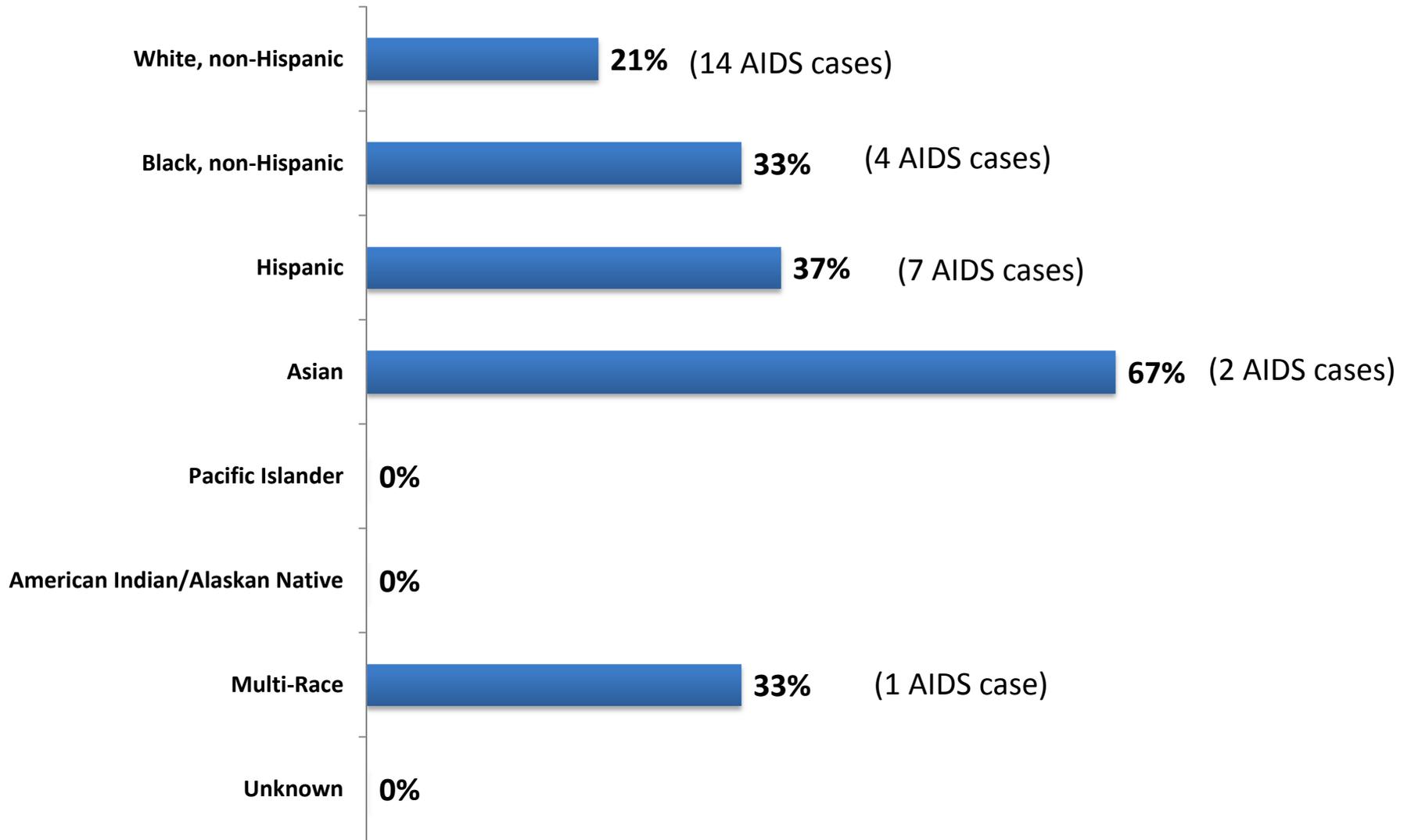
Percentage of AIDS Cases at Time of Diagnosis by Local Health Jurisdiction, Utah, 2013



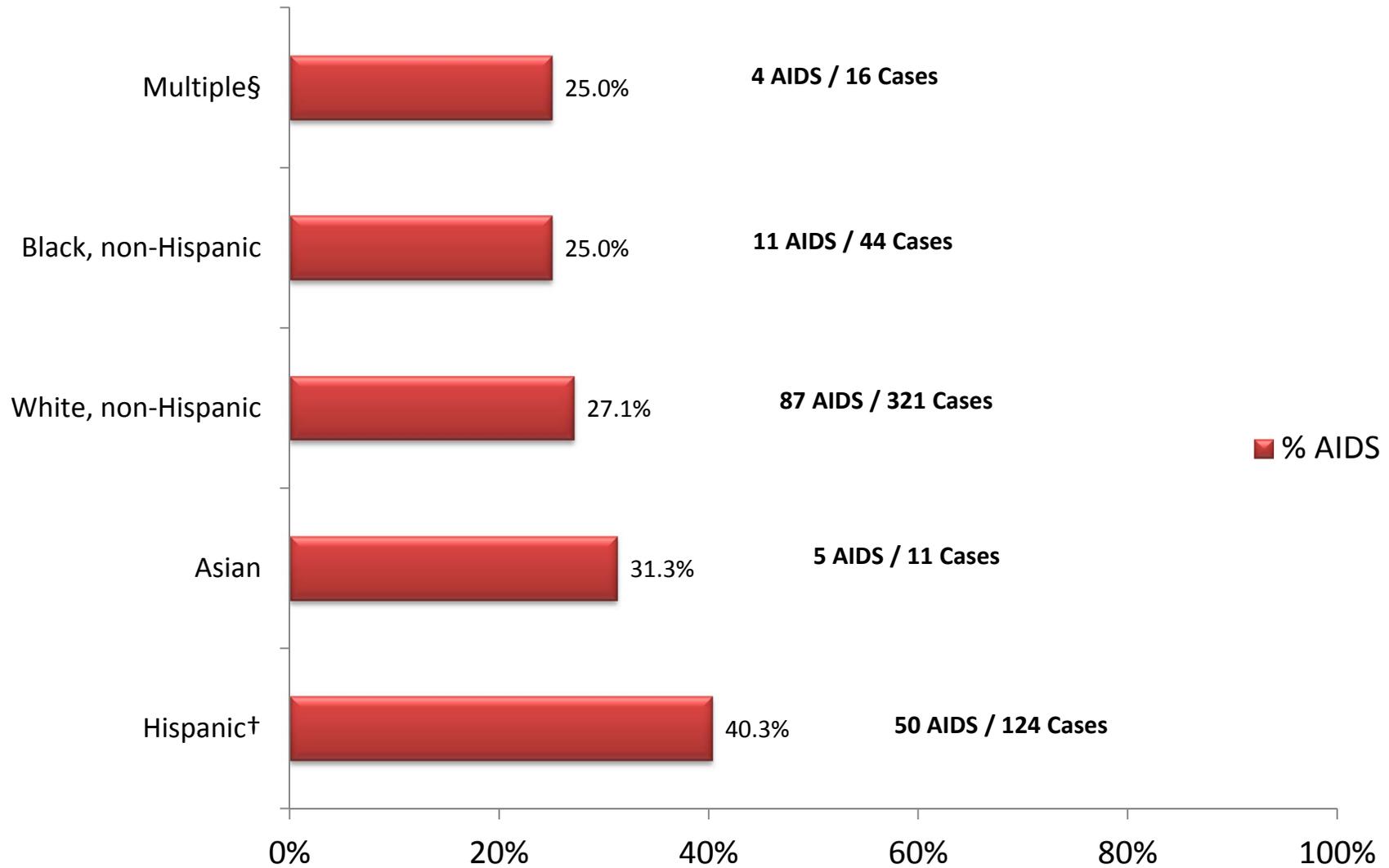
AIDS at Diagnosis by Sex & Age Group, Utah, 2013

- New AIDS diagnoses ranged from 20 – 60 years old for both males and females
- 43% of males with AIDS at their HIV diagnosis were between 25 – 34 years old
- Females with AIDS at their HIV diagnosis were even among the age groups
- Only 23% of males were AIDS at their HIV diagnosis compared to 50% of females

Percentage of New HIV Diagnoses with AIDS at Diagnosis by Race/Ethnicity, Utah, 2013



Percent of AIDS at Diagnosis by Race/Ethnicity, Utah, 2009 - 2013



AIDS at Diagnosis Summary

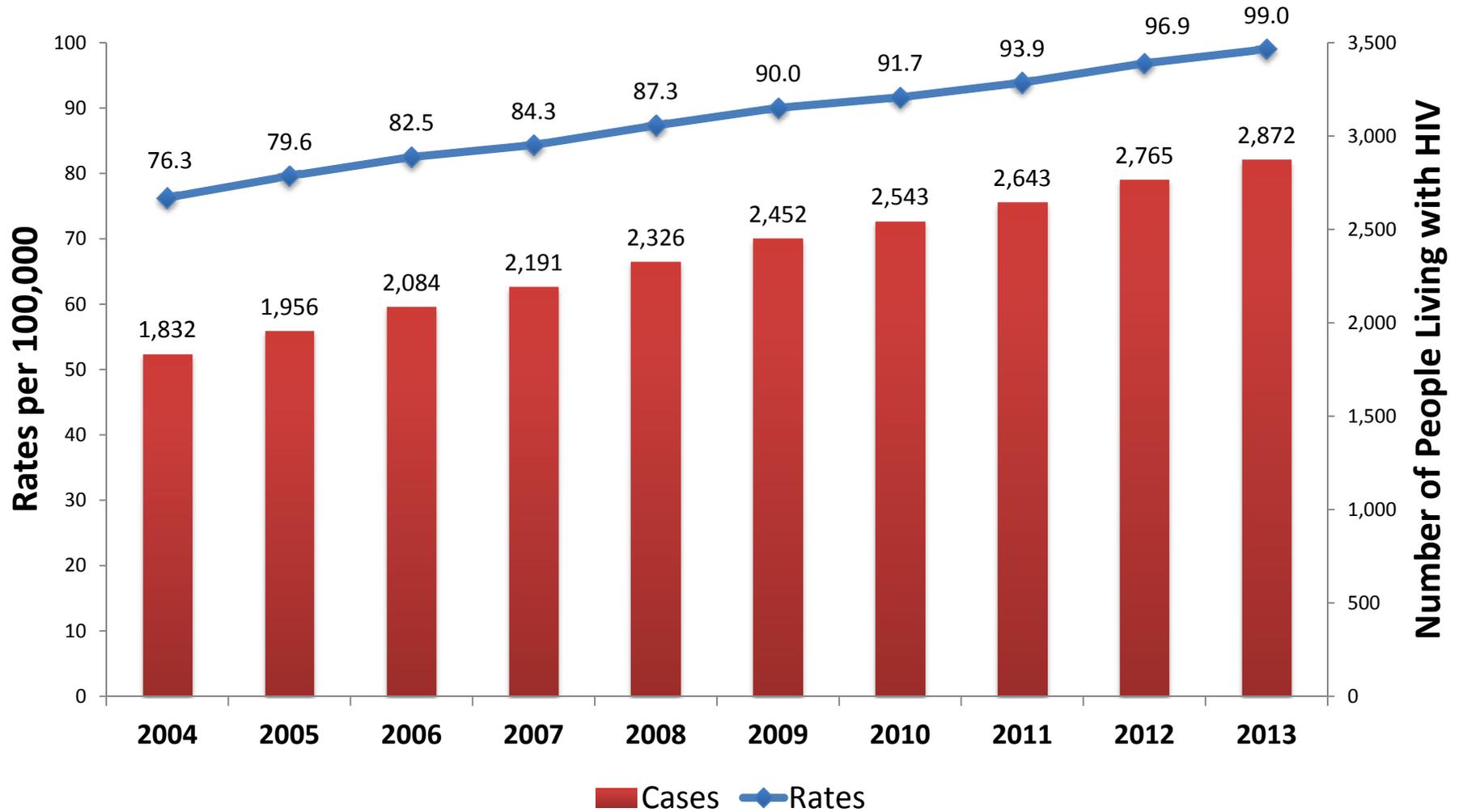
- AIDS rate at diagnosis has steadily decreased over last 10 years
- Percentage of AIDS at diagnosis has remained somewhat stable
- Majority of males with an AIDS diagnosis were younger
- Racial & Ethnic minorities have higher percentage of AIDS at diagnosis but the number of cases is very small

PEOPLE LIVING WITH HIV/AIDS

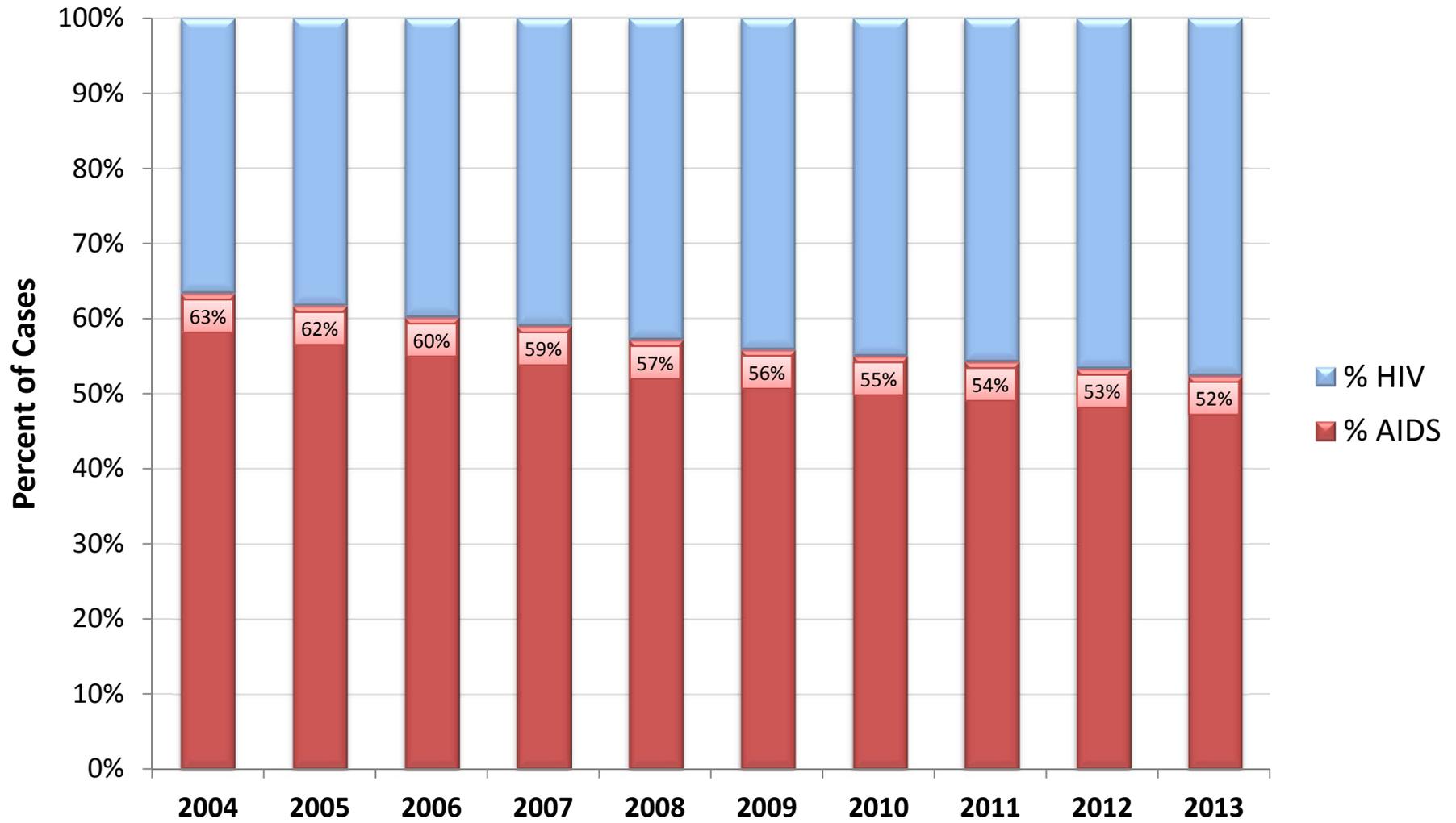
People living with HIV/AIDS (PLWHA) in Utah are considered to have a current address in Utah and are last known to be alive.

PLWHA may or may not have been previously diagnosed in Utah, however they may have moved into or out of the state.

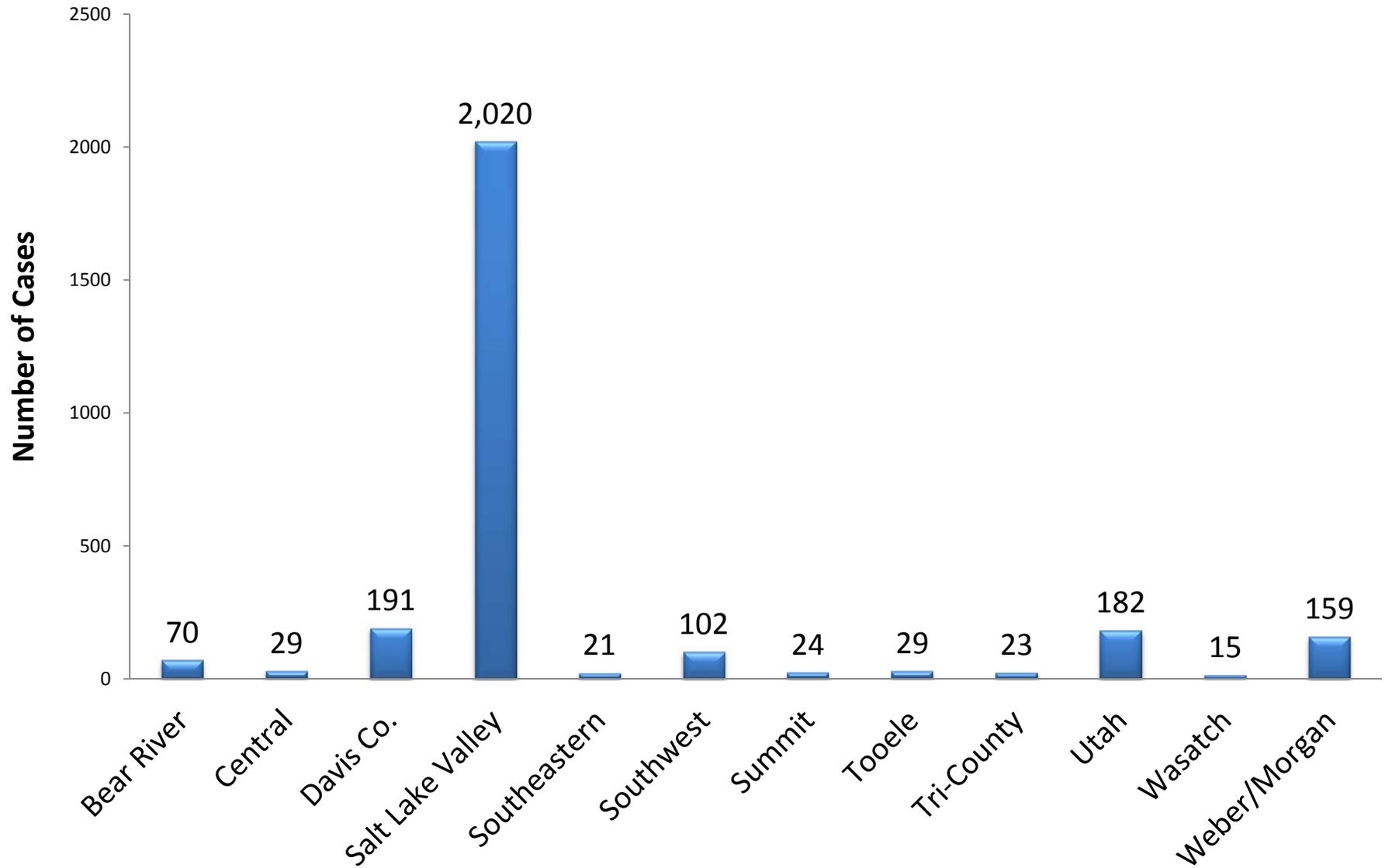
Cases & Rates of People Living with HIV Infection (including AIDS), Utah, 2004-2013



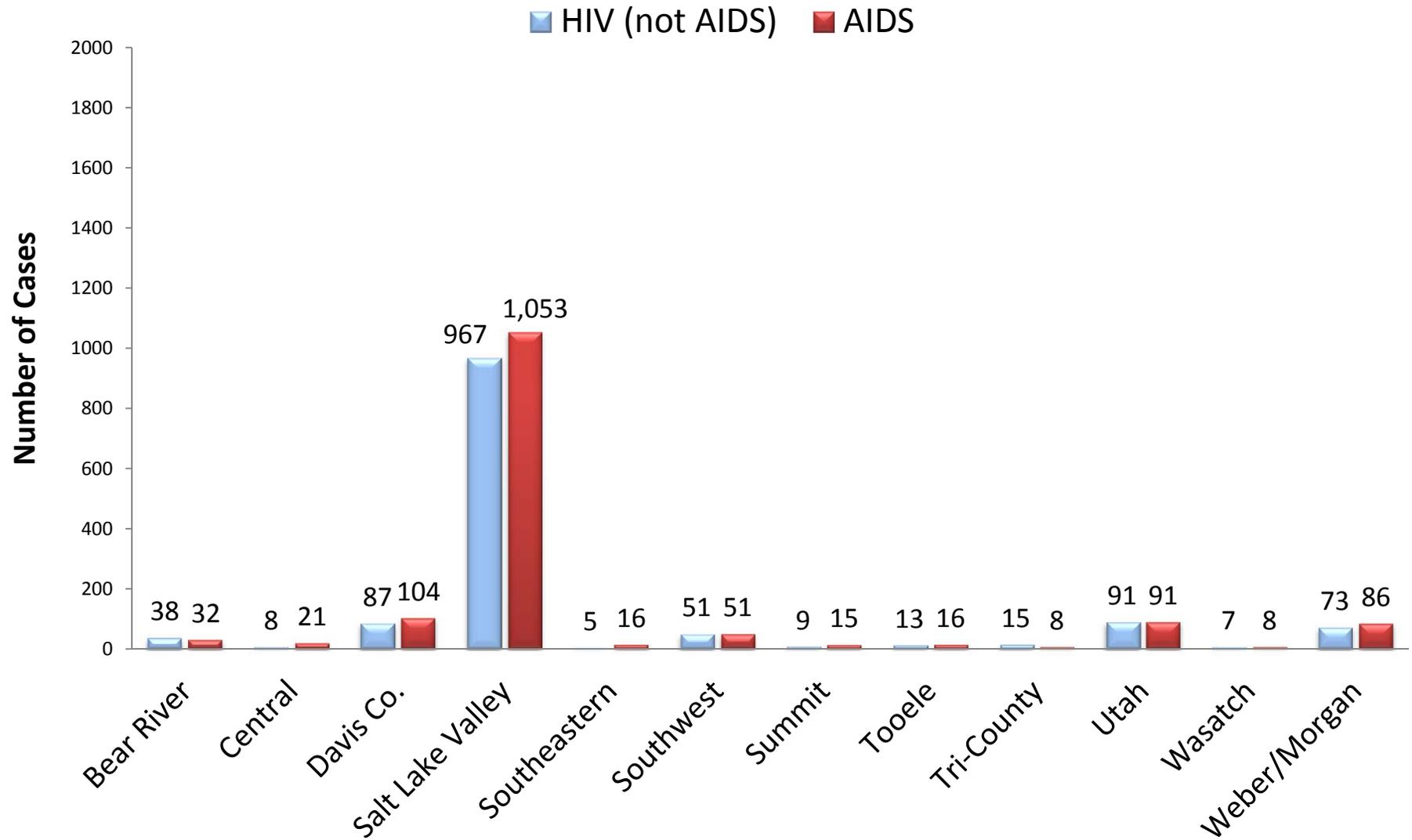
Percentage of People Living with HIV (not AIDS) & AIDS, Utah 2004 - 2013



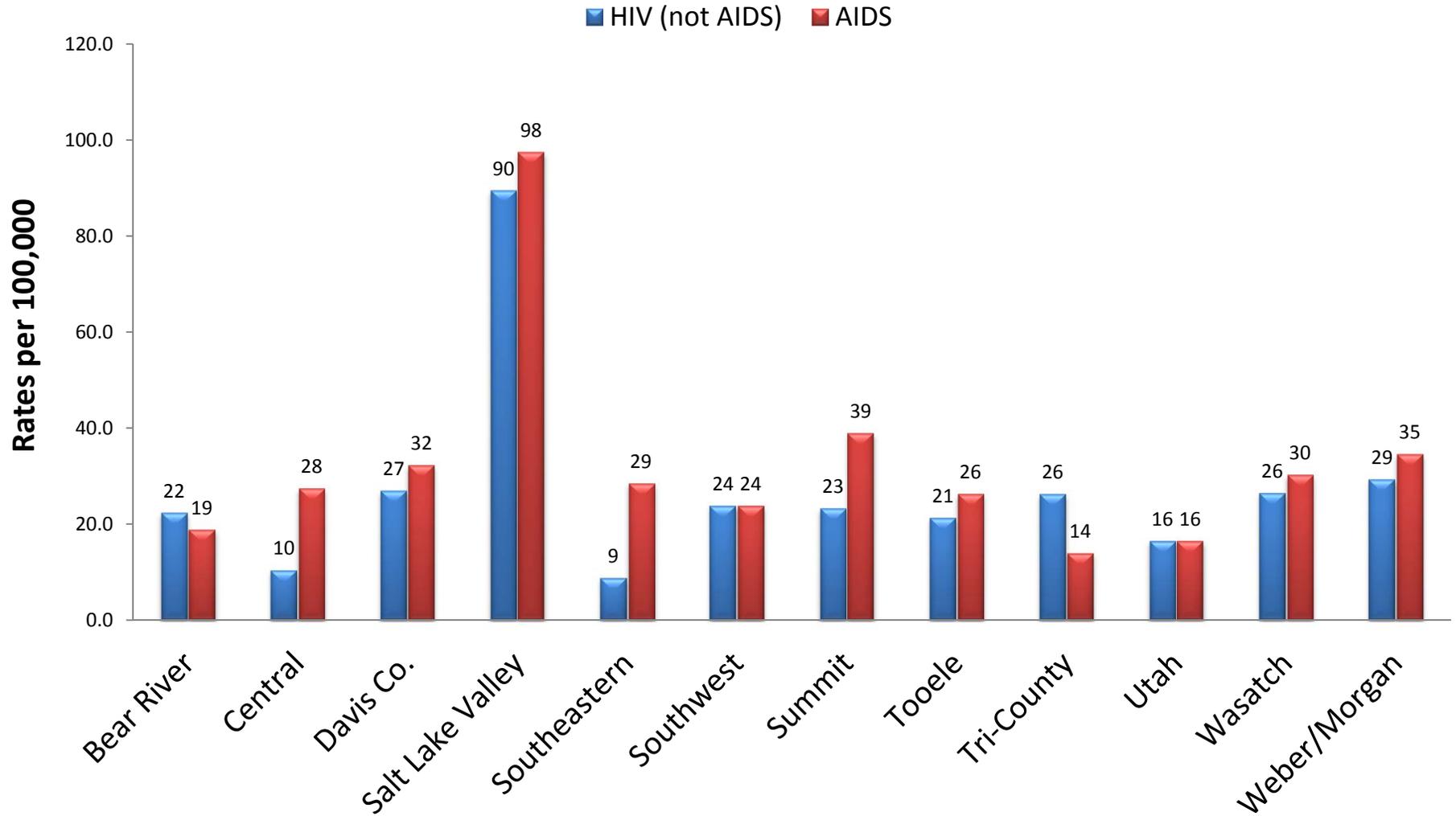
Number of People Living with HIV Infection by Local Health District, Utah, 2013



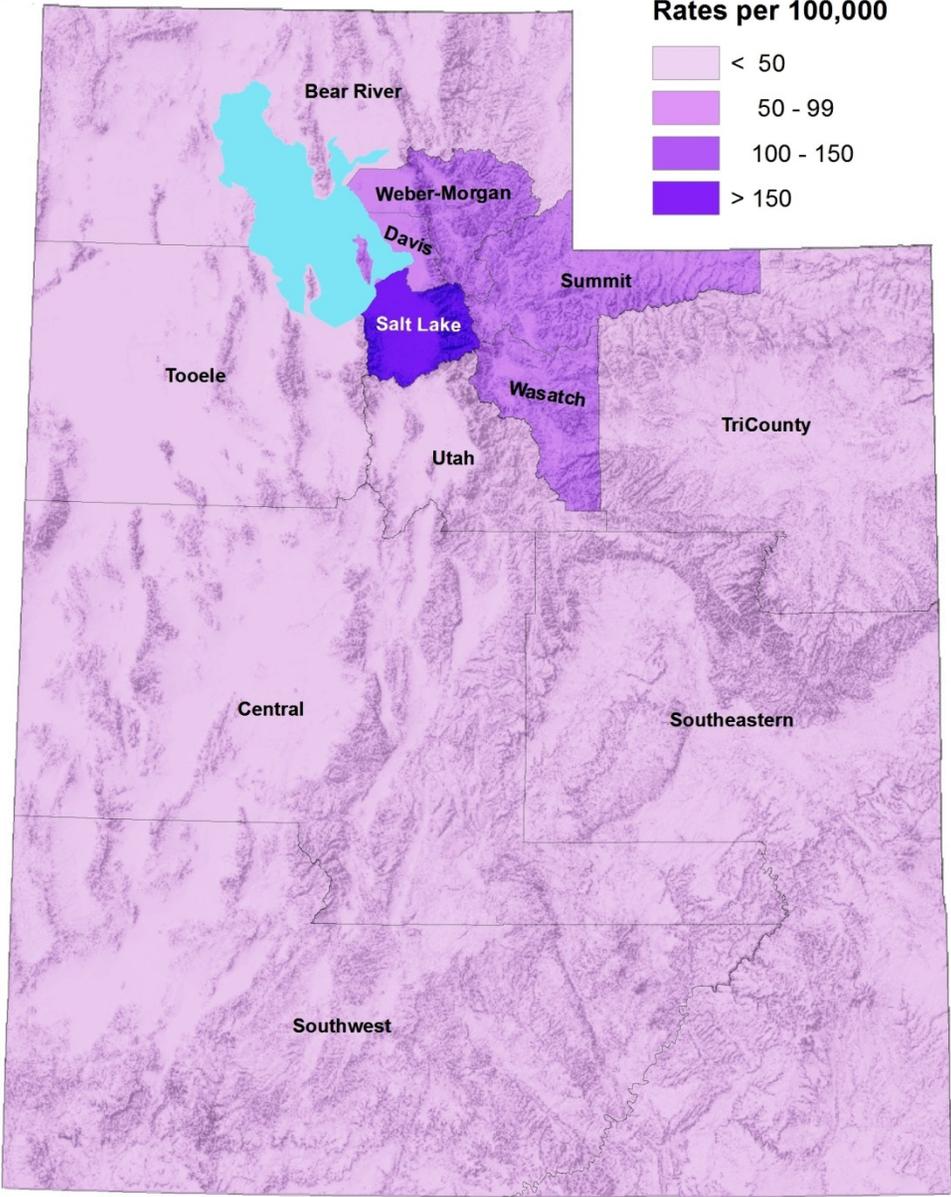
Number of People Living with HIV (not AIDS) & AIDS by Local Health District, Utah, 2013



Rates of People Living with HIV (not AIDS) & AIDS by Local Health District, Utah, 2013



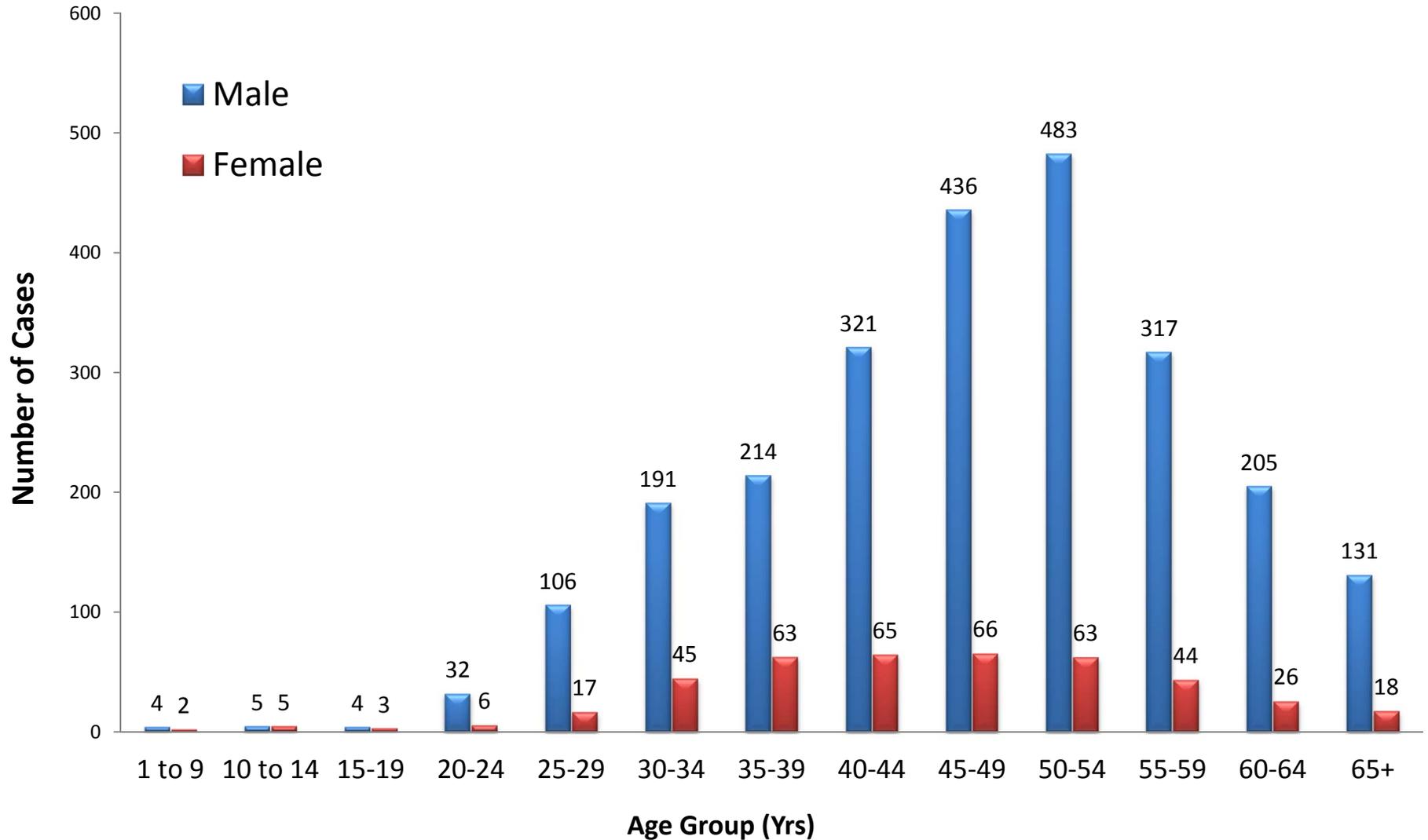
People Living with HIV by Local Health District, Utah, 2013



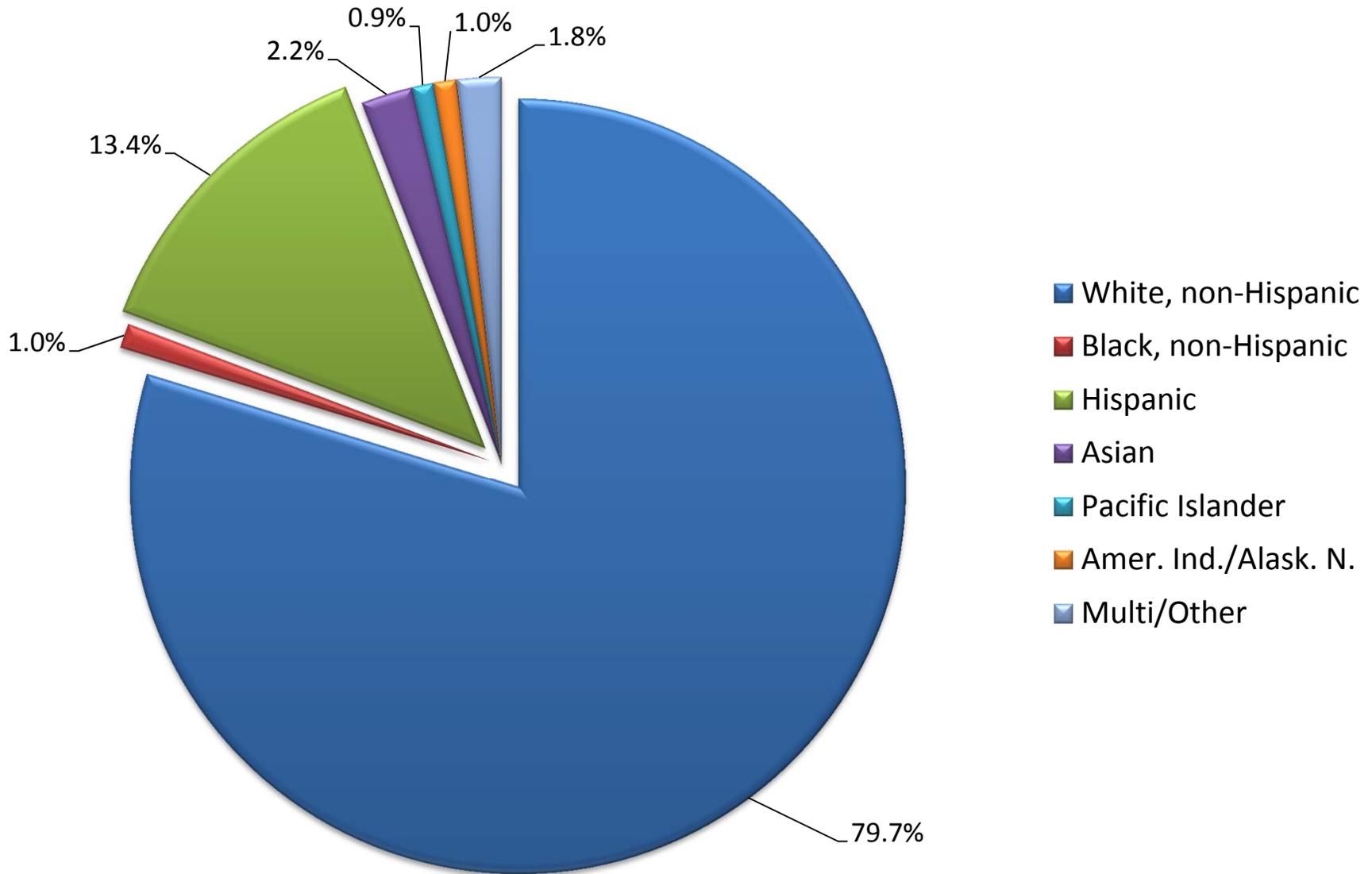
People Living with HIV

- 70.3% of the HIV-positive population resides in Salt Lake County
- Each jurisdiction has no significant difference between people living with HIV (not AIDS) to those with an AIDS diagnosis
- Southwest & Bear River districts have been increasing and have the highest number of HIV cases outside the Wasatch Front

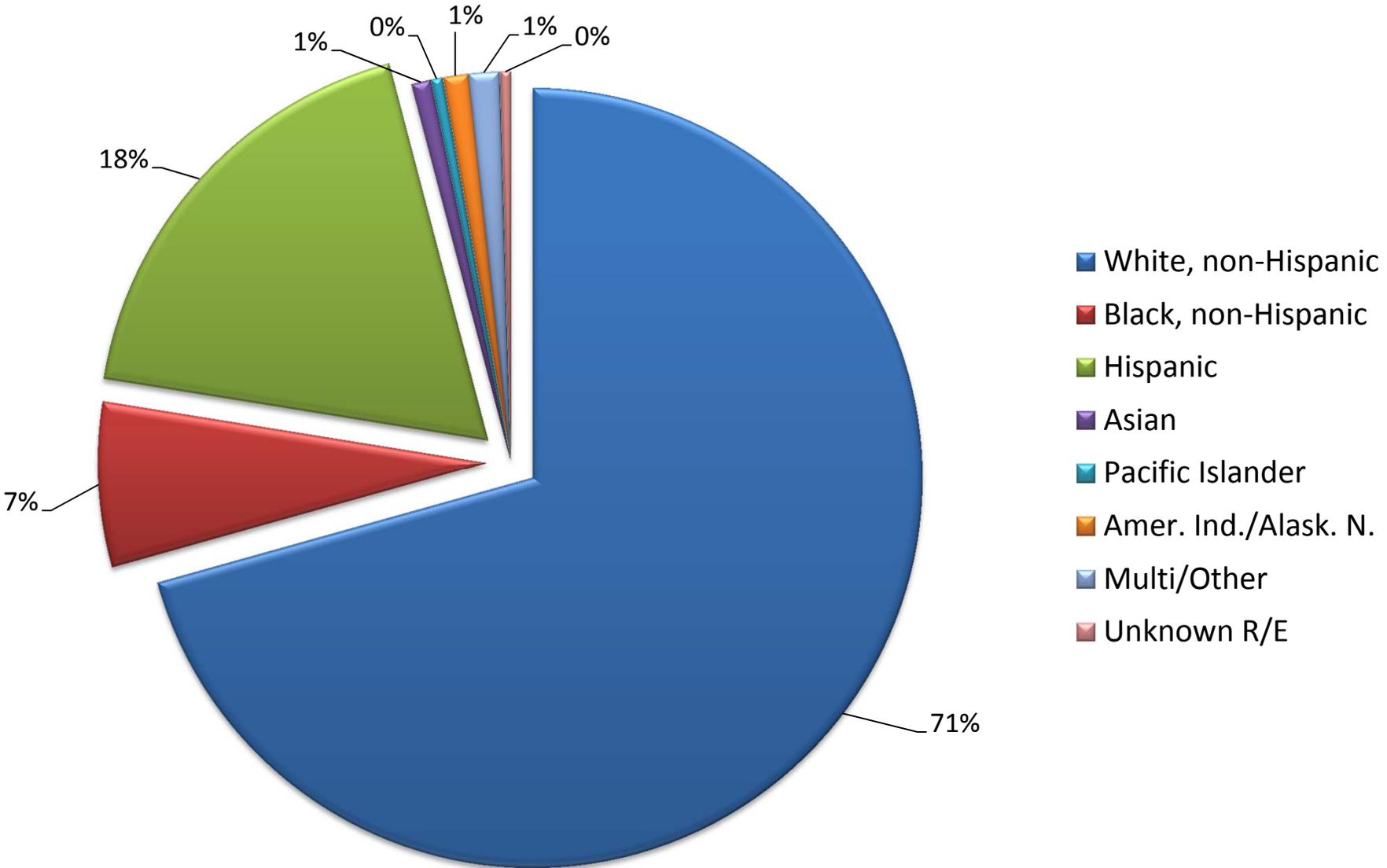
Number of People Living with HIV Infection by Sex & Age Group, Utah, 2013



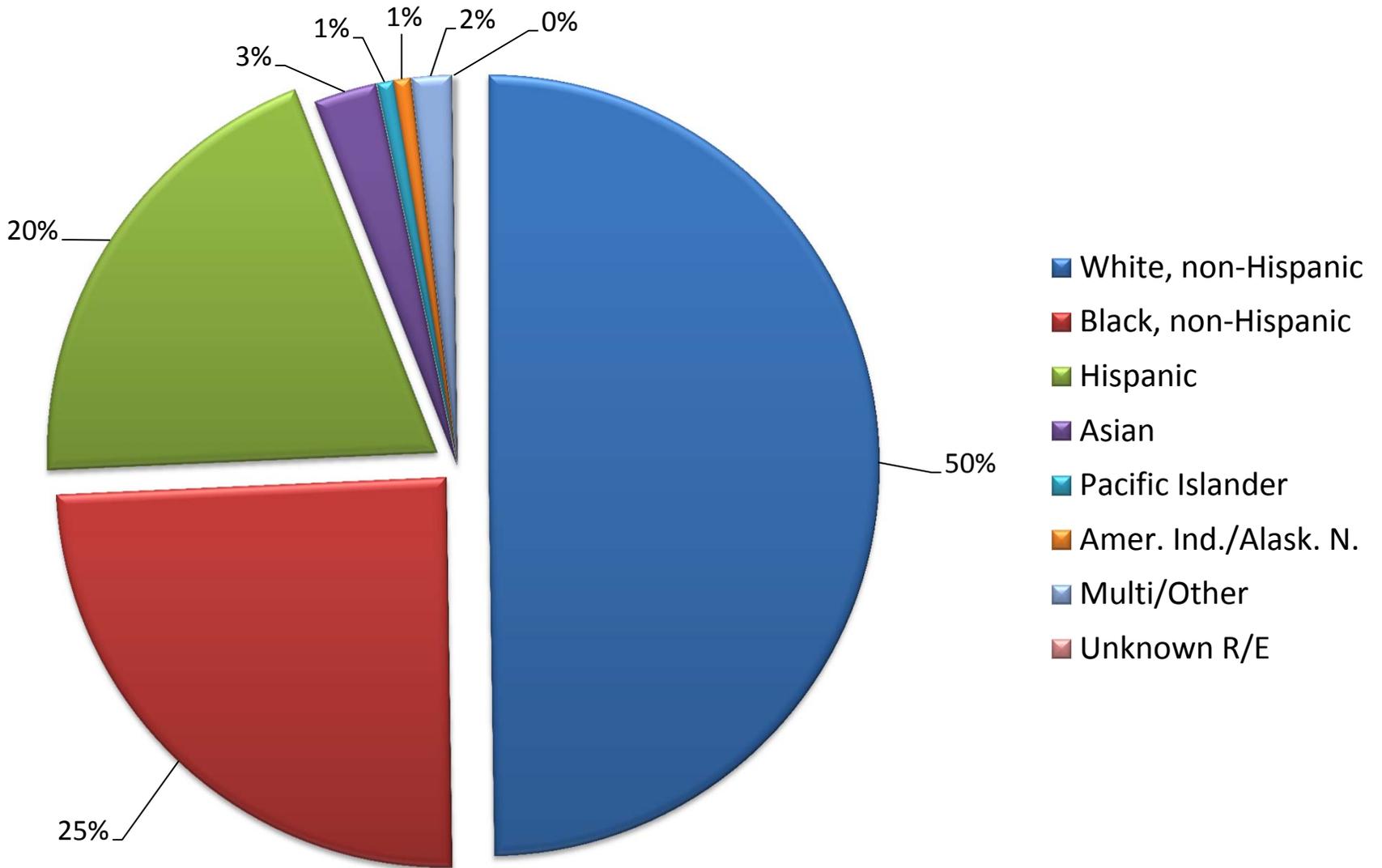
Utah Population by Race/Ethnicity, 2013



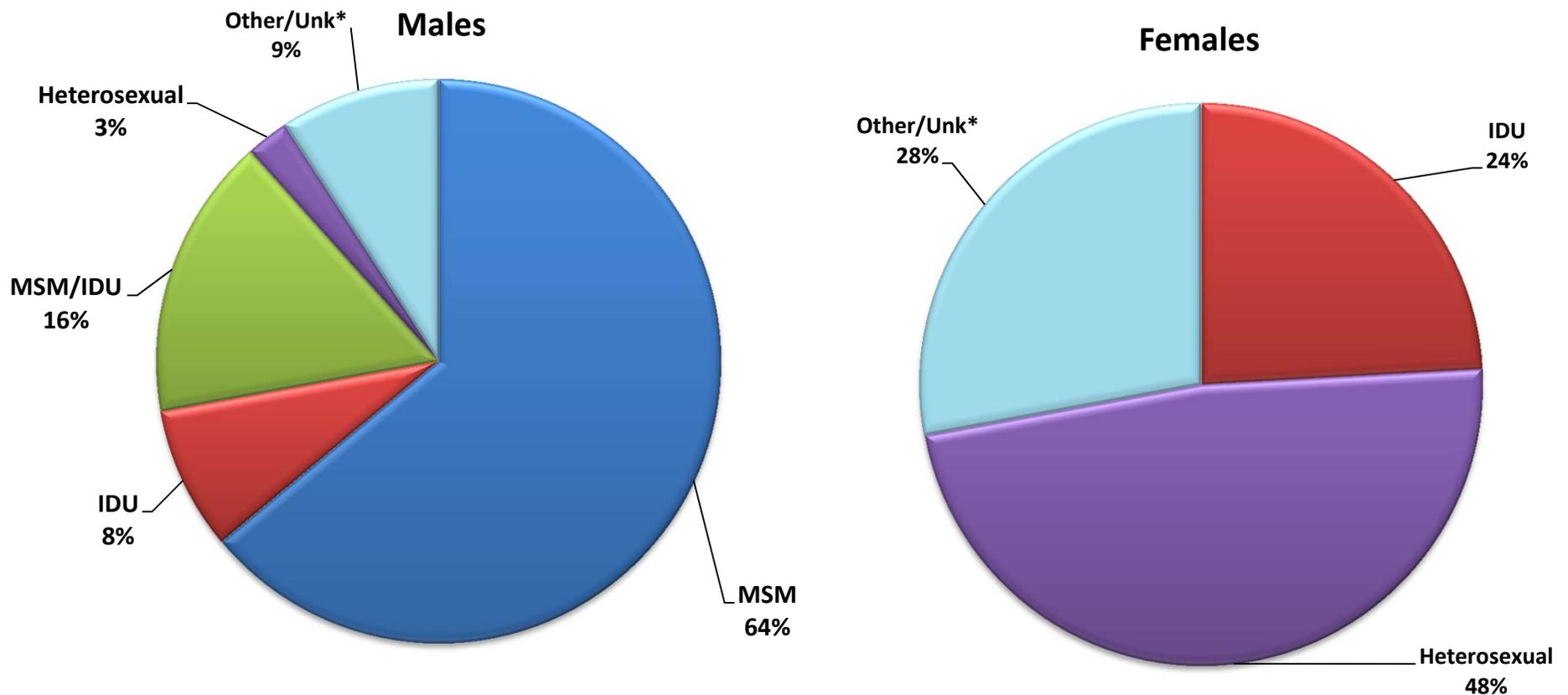
Males Living with HIV in Utah by Race/Ethnicity, 2013



Females Living with HIV in Utah by Race/Ethnicity, 2013



Percentage of People Living with HIV Infection by Transmission Category and Sex, Utah, 2013



People Living with HIV Summary

- In 2015, people living with HIV (not AIDS) might account for the majority
- While the majority of the PLWHA are among older age groups, the newly diagnosed infections are younger
- Females living with HIV infections (including AIDS) are most diverse with 50% being Racial & Ethnic minorities
 - Females continue to report heterosexual risk followed by IDU
- Males living HIV infections (including AIDS) are mostly White and MSM
 - Hispanic & Black males are disproportionately affected by HIV



UTAH DEPARTMENT OF
HEALTH