

HIV/STD Epidemiology in Oklahoma – Quick Facts

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HIV/AIDS Nationally



HIV/AIDS in the U.S.

- From 2008-2011, the annual estimated number and rate of diagnoses of HIV infection among Americans remained stable in the U.S.
- In 2011, an estimated 49,273 Americans were diagnosed with HIV and the estimated rate was 15.8 per 100,000.
- HIV continues to particularly affect MSM and racial/ethnic minorities:
 - MSM represents 2% of the U.S. population, but 62% of all HIV diagnoses are attributed to male-to-male sexual behavior.
 - African-Americans represent 12% of U.S. population, but 47% of diagnoses of HIV infection.
 - Latinos account for 16% of U.S. population, but 21% of HIV diagnoses.



<http://www.cdc.gov/hiv/ehap/resources/direct/022813/index.htm>

Cumulative HIV/AIDS in Oklahoma



HIV/AIDS in Oklahoma

- As of December 31, 2011, 8,770 had been diagnosed with HIV/AIDS in Oklahoma:
 - 4,944 were living with HIV and/or AIDS
 - 3,145 were HIV infections and 5,625 were AIDS cases
 - 85.1% were male, while 14.9% were female.
- Since 1982, 3,826 deaths were among people diagnosed with HIV/AIDS, 73 of these deaths occurred in 2011.
- In 2011, approximately 220 newly diagnosed HIV cases and 162 newly diagnosed AIDS cases were reported.



HIV/AIDS in Oklahoma

- By Age Group:
 - 30-39 years (3,293; 37.5%),
 - 20-29 years (2,757; 31.4%),
 - 40-49 years (1,638; 18.7%),
 - 50-59 years (566; 6.5%),
 - 13-19 years (241; 2.7%), and
 - All other ages (3.1%).
- By Race:
 - Whites (5,582; 63.6%)
 - Blacks (1,883; 21.5%)
 - American Indian/Alaska Natives (559; 6.4%)
 - Hispanics (529; 6.0%)
 - Asian/Pacific Islander (51; 0.6%)
 - Multiple Races (166; 1.9%)
- By Risk:
 - Approximately 2/3 of all cases were Men Who Have Sex with Men (MSM) or MSM and Injection Drug Use (IDU).



Living HIV/AIDS Cases in Oklahoma



Living HIV/AIDS Cases in Oklahoma

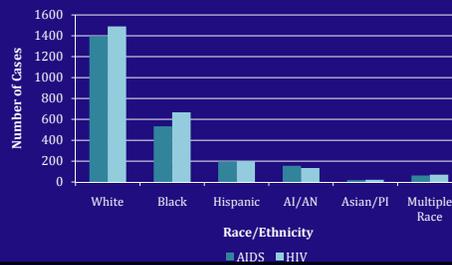
- As of December 31, 2011, 4,944 were living with HIV and/or AIDS in Oklahoma:
 - 2,581 were HIV infections and 2,363 were AIDS cases
 - The rate of cases living with HIV/AIDS was 131.8 per 100,000
 - 82.4% were male
 - 17.6% were female
- By Current Age Group:
 - 40-49 years (1,738; 35.2%),
 - 50-59 years (1,313; 26.6%),
 - 30-39 years (945; 19.1%),



Living HIV/AIDS Cases in Oklahoma

- By Race:
 - Whites (2,885; 58.4%)
 - Blacks (1,201; 24.3%)
 - American Indian/Alaska Natives (290; 5.9%)
 - Hispanics (395; 8.0%)
 - Asian/Pacific Islander (40; 0.8%)
 - Multiple Races (133; 2.7%)

Living HIV/AIDS Cases by Race/Ethnicity, Oklahoma 2011



New HIV/AIDS Cases in Oklahoma



New HIV/AIDS Cases in 2011

- 382 cases of HIV/AIDS were newly diagnosed in 2011:
 - HIV: 220
 - AIDS : 162
- From 2002-2011:
 - Downward trend in AIDS cases (from 187 to 162 cases)
 - Upward trend in newly diagnosed HIV (not AIDS) cases (from 121 to 220 cases)



HIV/AIDS in Oklahoma by Sex

Males:

- 49.5% of Oklahoma population
- 81.9% of new HIV/AIDS cases
- 313 new cases among males

Females:

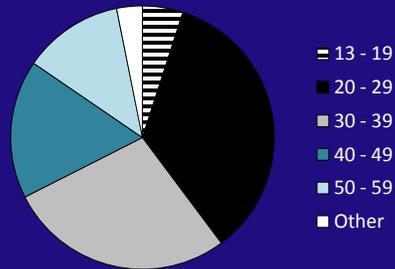
- 50.5% of Oklahoma population
- 18.1% of new HIV/AIDS cases
- 69 new cases among females



New HIV/AIDS by Age

- 20-29 years: 34.8% (133 cases)
- 30-39 years: 27.7% (106 cases)
- 40-49 years: 17.0% (65 cases)
- 50-59 years: 12.3% (47 cases)
- 60-69 years: 2.1% (8 cases)
- Teenagers (13-19 years): 5.0% (19 cases)
- Children (12 and younger): 1.0% (4 cases)

Newly Diagnosed HIV/AIDS Cases by Age Group, Oklahoma 2011



New HIV/AIDS Cases by Race

- **Whites** (72.2% of OK population)
 - 49.0% of new HIV/AIDS cases
 - Newly diagnosed rate of 7.3 per 100,000
- **Blacks** (7.4% of OK population)
 - 30.9% of new HIV/AIDS cases
 - Newly diagnosed rate of 43.4 per 100,000 (6 times higher than Whites)
- **Hispanics** (8.9% of OK population)
 - 7.6% of new HIV/AIDS cases
 - Newly diagnosed rate of 8.7 per 100,000 (1.2 times higher than Whites)
- **AI/AN** (8.6% of OK population)
 - 7.1% of new HIV/AIDS cases
 - Newly diagnosed rate of 8.7 per 100,000 (1.2 times higher than Whites)

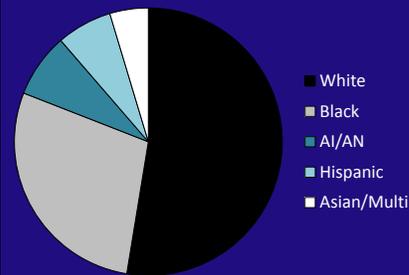


New HIV/AIDS Cases by Risk

- Of the 382 newly diagnosed cases:
 - 50.8% (194) were MSM,
 - 9.7% (37) were heterosexual sex,
 - 7.9% (30) were IDU,
 - 6.5% (25) were MSM and IDU, and
 - 24.6% (94) were no reported risk or no identified risk.



Newly Diagnosed HIV/AIDS
among MSM by Race/Ethnicity,
Oklahoma 2011



Deaths among HIV/AIDS Cases in Oklahoma



Deaths among HIV/AIDS Cases in Oklahoma

- A total of 3,826 deaths among persons diagnosed with HIV/AIDS :
 - HIV: 564
 - AIDS: 3,262
- 43.6 % of Oklahomans diagnosed with HIV/AIDS were classified as dead by the end of 2011.
- Deaths of persons with a diagnosis of HIV infection may be due to any cause.



Deaths among HIV/AIDS Cases in Oklahoma

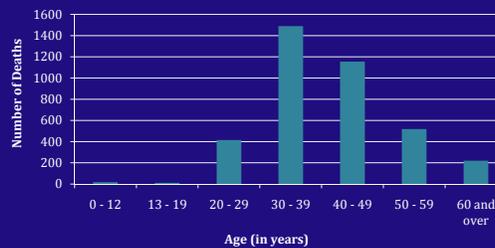
- By Sex:
 - Males (3,393; 88.7%)
 - Female (433; 11.3%)
- By Race/Ethnicity:
 - White (2,697; 70.5%)
 - Black (682; 17.8%)
 - AI/AN (269; 7.0%)
 - Hispanic (134; 3.5%)
 - Multiple Race (33; 0.9%)
 - Asian/PI (11; 0.3%)
- By Risk:
 - MSM (2,095; 54.8%)
 - IDU (513; 13.4%)
 - MSM & IDU (476; 12.4%)
 - Heterosexual (285; 7.4%)
 - NRR/NIR (344; 9.0%)
 - Blood Products (99; 2.6%)
 - Perinatal (14; 0.4%)



Deaths among HIV/AIDS Cases in Oklahoma

- By Age at time of death:
 - 30 to 39 years (1,489; 38.9%)
 - 40 to 49 years (1,155; 30.2%)
 - 50 to 59 years (519; 13.6%)
 - Teenagers (13-19 years) and children (12 years and younger) combined for less than 1% of deaths.

Total Deaths among Persons Diagnosed with HIV/AIDS by Age at Time of Death, Oklahoma 2011



2011 Deaths among HIV/AIDS Cases in Oklahoma

- In 2011, 73 deaths occurred at a rate of 1.9 deaths per 100,000.
- 11 occurred within one year of HIV diagnosis (10 diagnosed in 2011).
- Males accounted for 89.0%, while females accounted for 11.0% of deaths.
- Blacks had the highest death at 5.8 per 100,000



