

HIV/AIDS

Reasons for HIV Surveillance

- Plan and evaluate HIV prevention, treatment, and service programs
- Allocate funds for Ryan White CARE programs (including ADAP) and HIV/AIDS prevention programs
- Show current trends and infection patterns for HIV
- National decrease in AIDS incidence and morbidity
- Decrease is not an indication of declines in new HIV infections

Limitations of HIV Data

HIV numbers are not complete

- Persons tested anonymously are not included in HIV surveillance numbers
- Some people with HIV do not get tested until they are symptomatic
- Some cases of HIV infection are not reported
- Because numbers are incomplete, trend data do not accurately reflect current infection patterns

Limitations of HIV Data

HIV data have incomplete information

- Missing demographic and risk exposure information
- Difficult to draw conclusions on infection patterns and plan effective prevention, treatment, and service programs when information is missing

Estimated HIV Prevalence

- OHIO: 10,200 - 18,000
- U.S.: 650,000 - 900,000
- WORLD: 30.6 Million

Ohio Reported HIV Data HIV Surveillance Reports

Diagnosed HIV Positive and Reported 1/96-12/97
Anonymous Positive HIV Tests at Counseling and Testing Sites 1/96-12/97

		HIV Surveillance Jan 96-Dec 97		Anonymous Tests at Counseling and Testing Sites Jan 96-Dec 97	
AGE		Reported HIV Infected (%)		Positive HIV Tests (%)	
	<13	11	(1)	2	(<1)
	13-19	38	(4)	19	(3)
	20-29	302	(30)	210	(30)
	30-39	416	(41)	305	(44)
	40-49	191	(19)	125	(18)
	50+	56	(6)	29	(4)

Ohio Reported HIV Data HIV Surveillance Reports

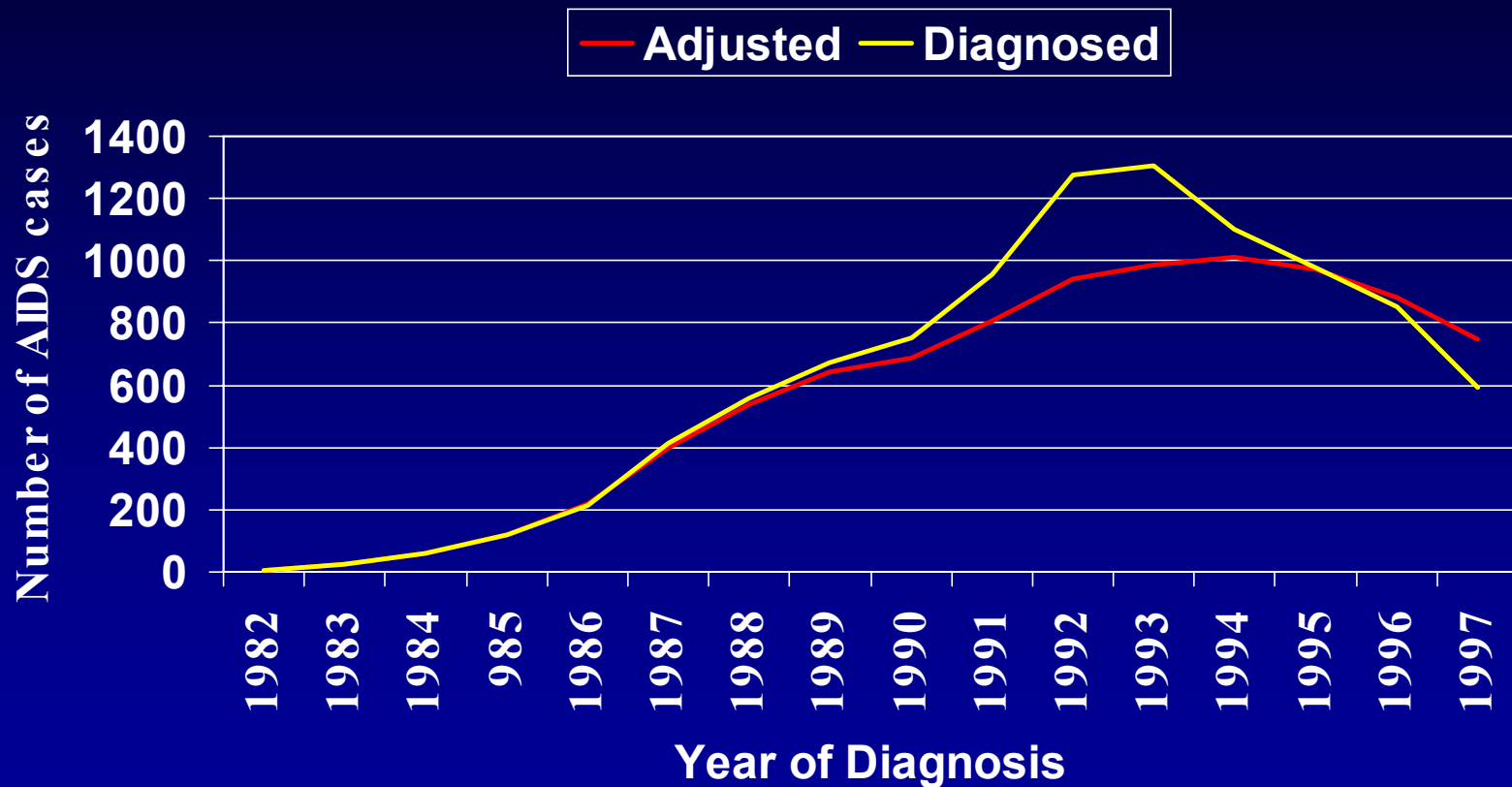
Diagnosed HIV Positive and Reported 1/96-12/97
Anonymous Positive HIV Tests at Counseling and Testing Sites 1/96-12/97

		HIV Surveillance Jan 96-Dec 97	Anonymous Tests at Counseling and Testing Sites Jan 96-Dec 97
		Reported HIV Infected (%)	Positive HIV Tests (%)
RACE	White	446 (44)	368 (53)
	Black	485 (48)	266 (39)
	Hispanic	53 (5)	39 (6)
	Other	4 (<1)	14 (2)
	Unknown	26 (3)	2 (<1)
GENDER	Male	765 (75)	565 (82)
	Female	249 (25)	125 (18)
TOTAL		1014	690

ODH 7/99

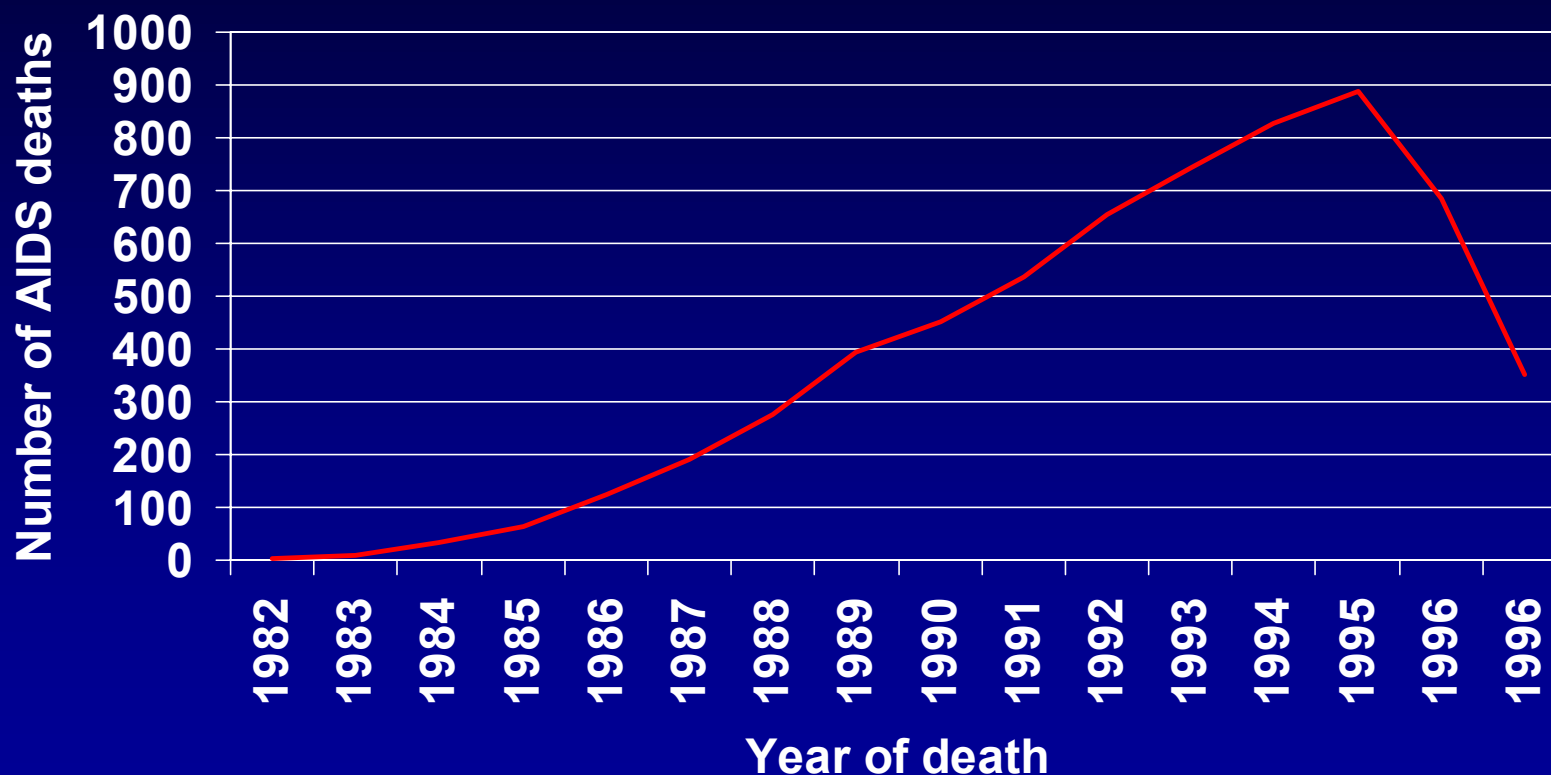
Ohio AIDS Cases 1982-1997

By Year of AIDS Diagnosis; Adjusted for Changes in Case Definition and Lags in Reporting



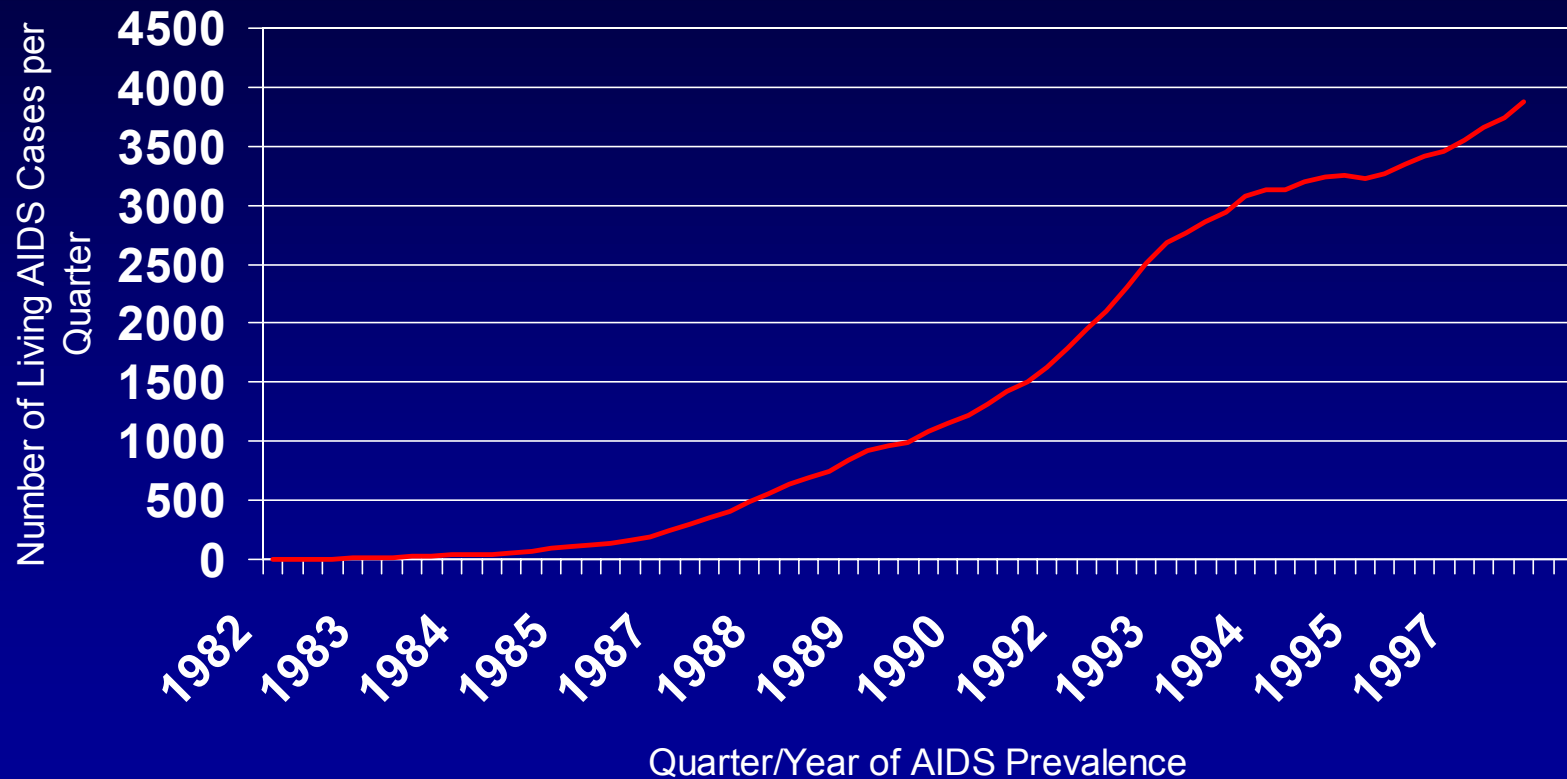
Ohio AIDS Deaths

By Year of AIDS Death Adjusted for Lags in Reporting



Ohio AIDS Prevalence

Number of Living AIDS Cases for each Quarter/Year

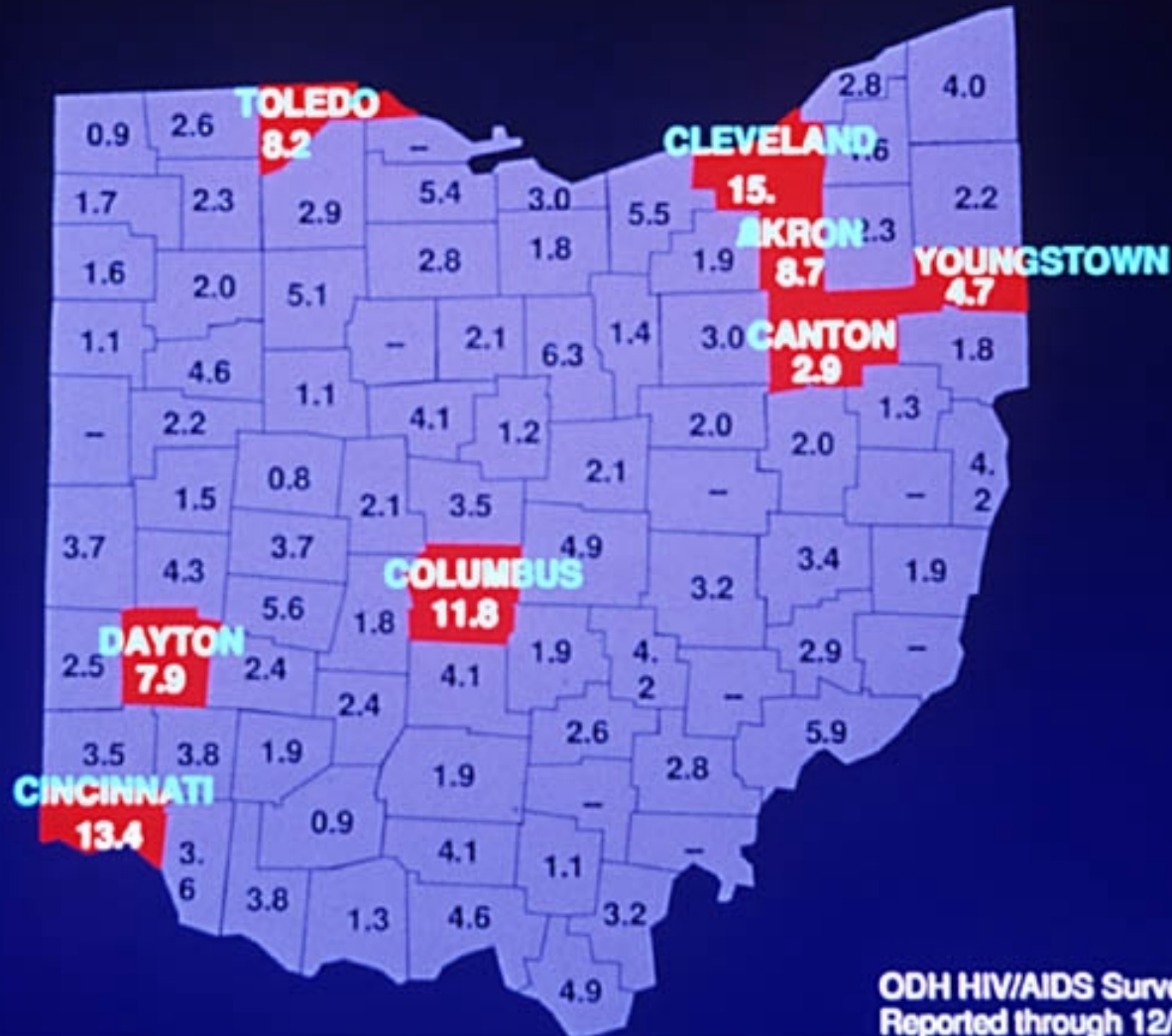


Demographic Trends in Ohio AIDS Cases

	<1995	1995	1996	1997
African American	30%	39%	40%	49%
Hispanic	3%	4%	4%	4%
Female	9%	13%	15%	16%
Male/Male sex	67%	58%	58%	47%
Injection Drug Use	10%	15%	11%	12%
Heterosexual	7%	10%	2%	12%

Ohio AIDS Cases

1995-1997 Average Annual Rate per 100,000 Population



Summary of the HIV/AIDS Epidemic in Ohio

- In Ohio, new HIV/AIDS cases continue to be diagnosed in all race, gender, and risk groups
- HIV prevalence has increased throughout the epidemic; however, AIDS incidence and the number of AIDS related deaths has decreased since 1996
- AIDS incidence among African Americans and females continues to increase
- Male-male sex continues to be the most commonly reported risk exposure, but the number of AIDS cases attributed to injection drug use and high risk heterosexual contact continues to rise