



HIV Prevention Project Impact

Four-Year Data Trends

October 2001 – December 2005

Tammy Lee

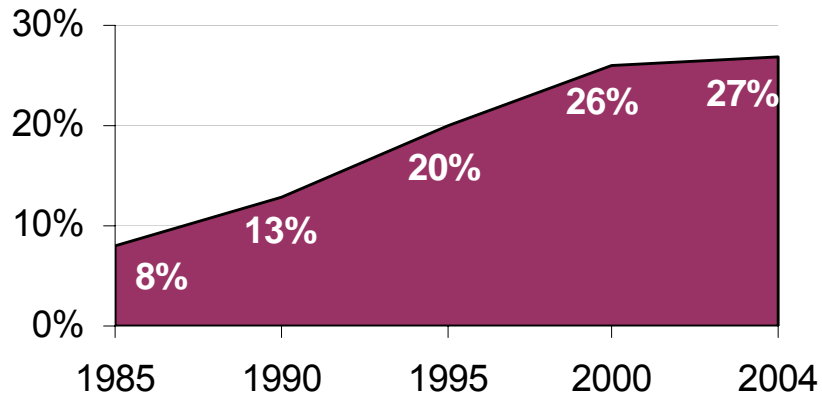
Research/Evaluation Associate

Cicatelli Associates Inc.

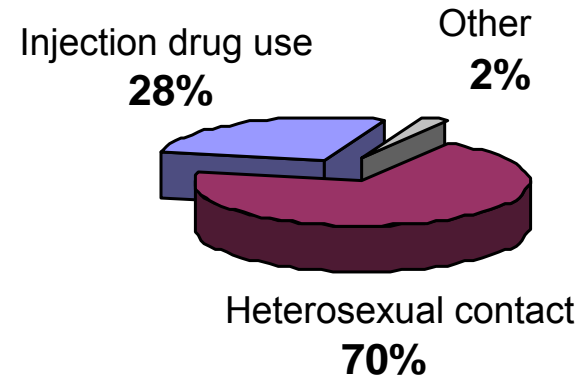


Epidemiological Trends

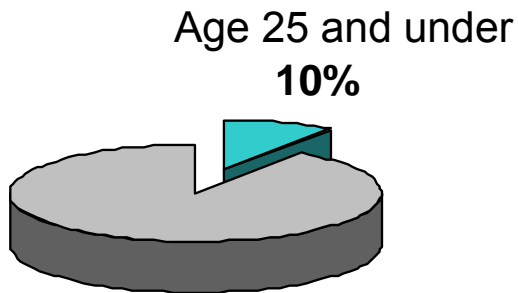
Women as a % of Newly Reported AIDS Cases



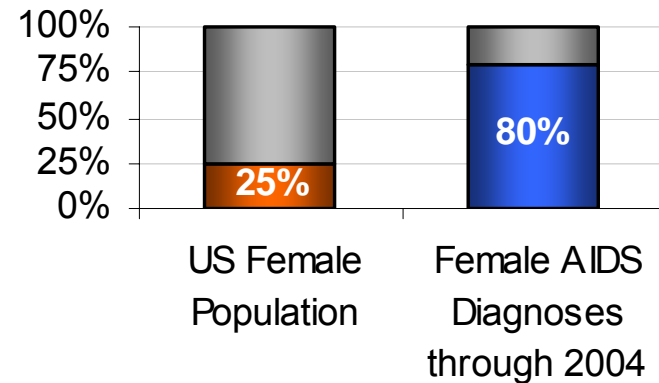
Modes of Transmission



Young Women as a % of Females AIDS Cases



African American and Latino Women as a % of:



OPA/OFP HIV Prevention Project

Goal

To supplement existing Title X grants, in communities with demonstrated high risk for HIV/AIDS, to implement or expand HIV on-site prevention counseling, testing, and referral services

Data Reporting Periods

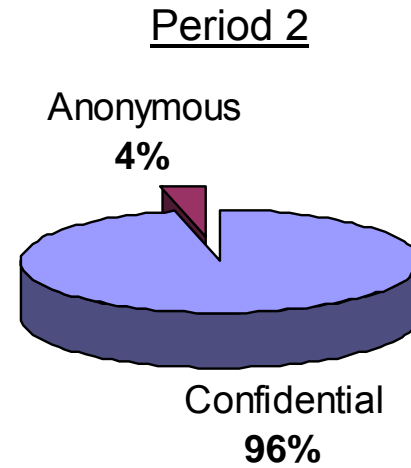
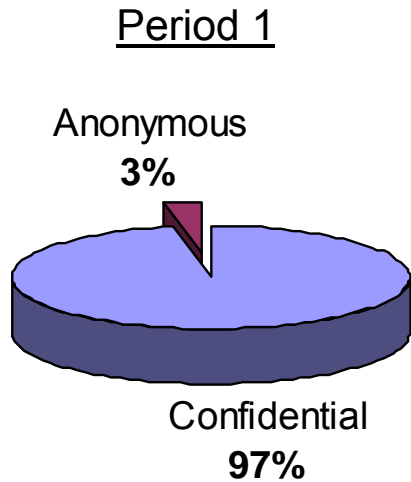
Cycle 1	Period 1	October 2001 - June 2002	9 mths
	Period 2	July 2002 - December 2002	6 mths
	Period 3	January 2003 - June 2003	6 mths
	Period 4	July 2003 - December 2003	6 mths
	Period 5	January 2004 - August 2004	8 mths
Cycle 2	Period 1	September 2004 - June 2005	9-10 mths
	Period 2	July 2005 - December 2005	6 mths

Current Outcomes: Cycle 2, Period 1-2

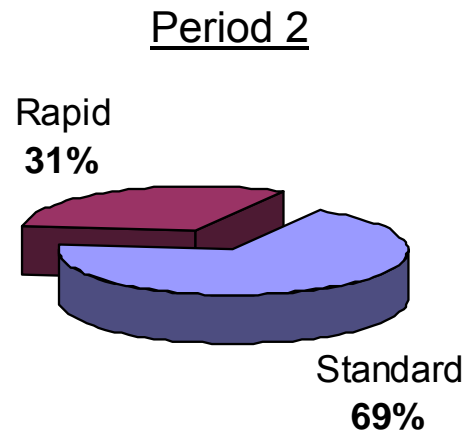
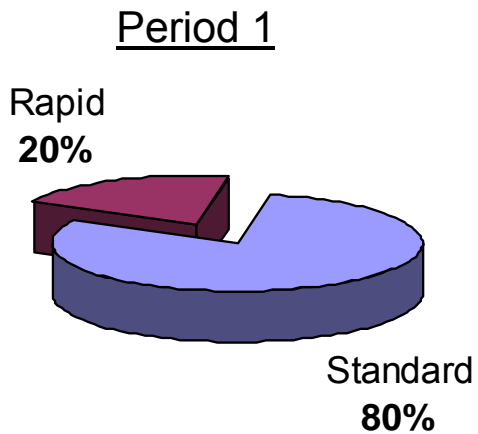
	<u>Period 1</u>	<u>Period 2</u>	<u>TOTAL</u>
# of individual HIV prevention counseling sessions	122,691	84,702	207,393
# of HIV tests	77,242	55,137	132,379
# of positive tests	173	165	338
# of clients returning for test results and post-test counseling	35,769	37,598	73,367
# of positive clients referred for treatment/care	167	153	320

Source: HIV Prevention Project Data

Distribution of Testing by Test Mode



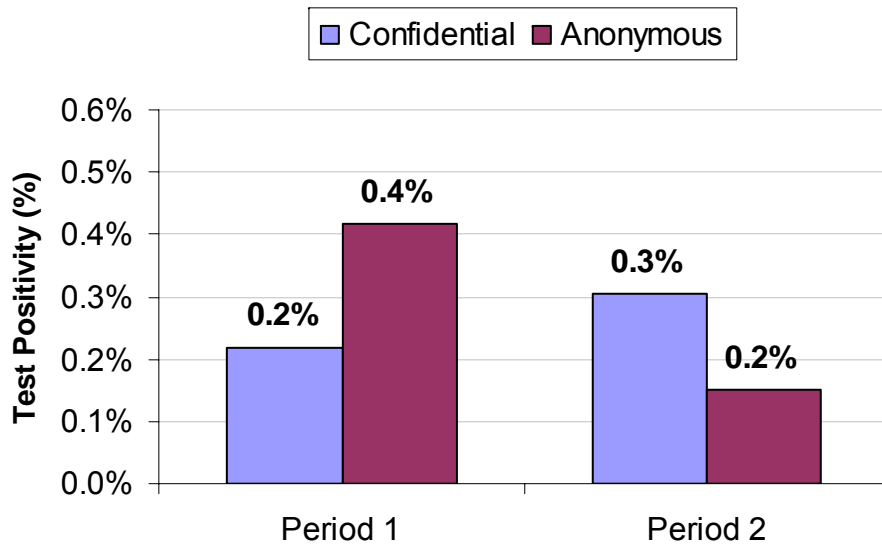
Distribution of Testing by Test Type



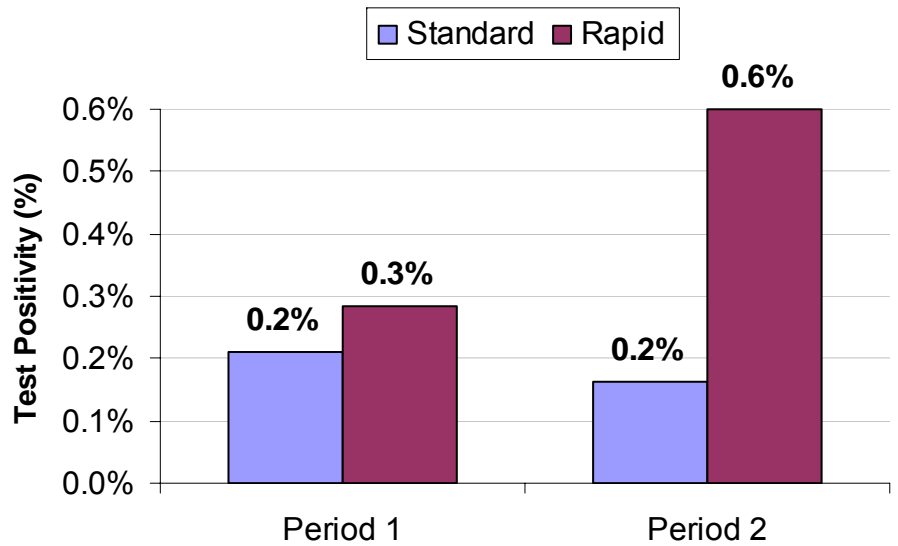
HIV Positivity Rates

Period 1 = **0.22%**
Period 2 = **0.30%** → Overall = **0.26%**

By Test Mode



By Test Type



Rapid Testing False Positivity Rates

	# of Preliminary Positive Tests	# of Confirmed Positive Tests	Total # of HIV Tests (by Test Result)	False Positivity Rate (%)
Period 1	53	44	15,479	0.06%
Period 2	145	103	17,192	0.24%
TOTAL	198	147	32,671	0.16%

OraQuick
Advance Rapid
HIV 1/2 Antibody
Test Specificity =
99.8%



2 false positive
results per
1,000 tests



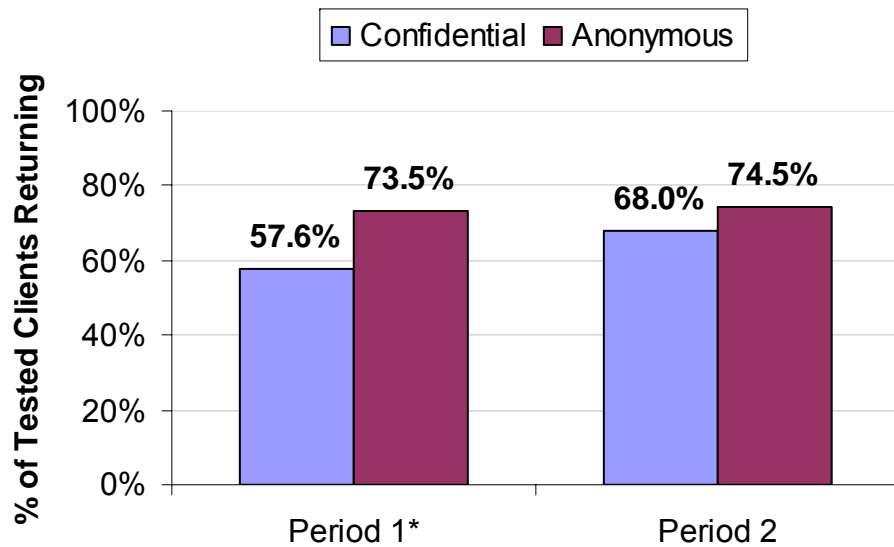
Expected false
positivity rate =
0.20%

Return Rates for Results and Post-test Counseling

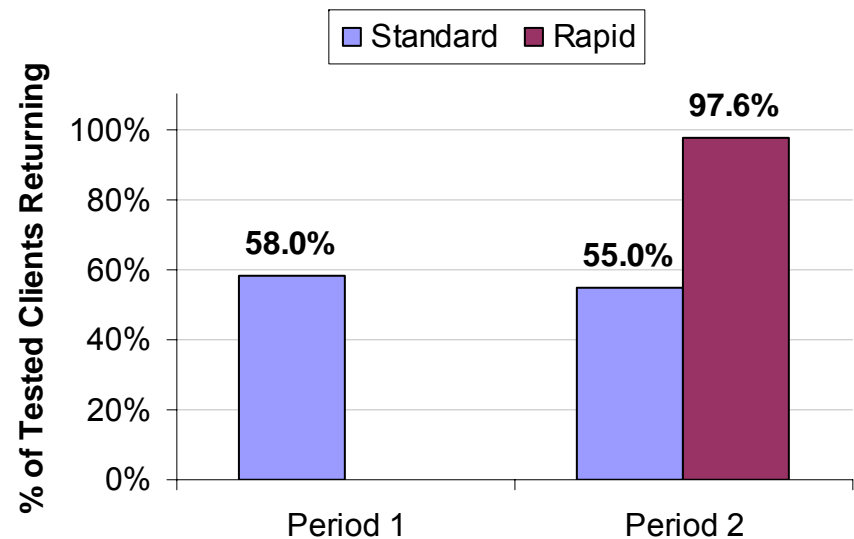
Period 1* = **58.0%**

Period 2 = **68.3%**

By Test Mode



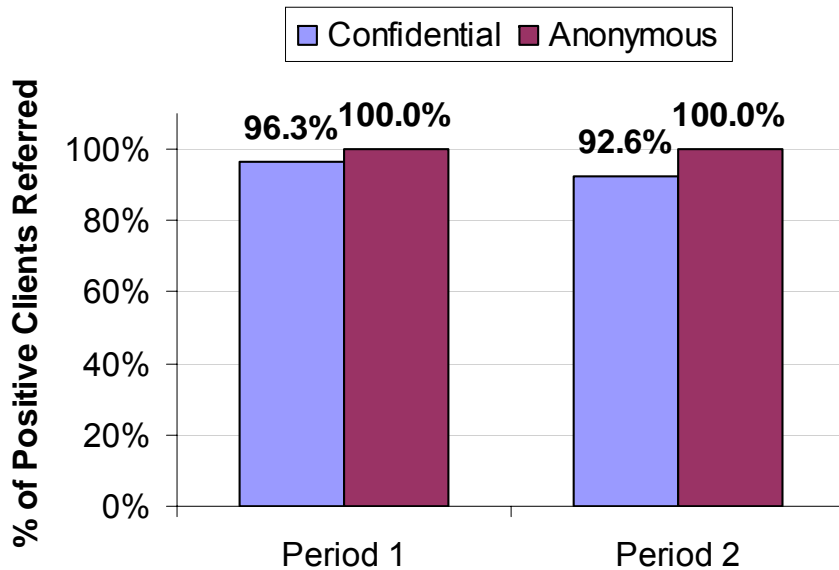
By Test Type



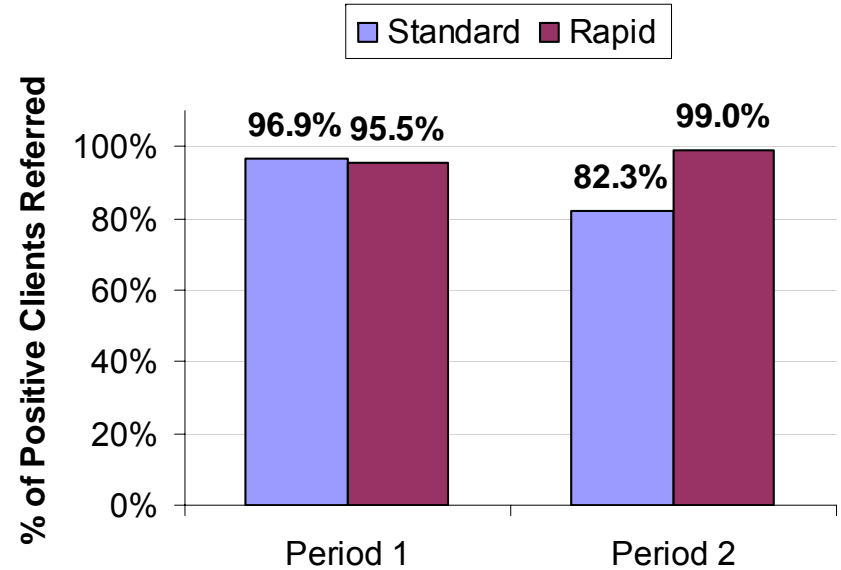
Rate of Referral for Positive Clients

Period 1 = **96.5%**
Period 2 = **92.7%** → Overall = **94.7%**

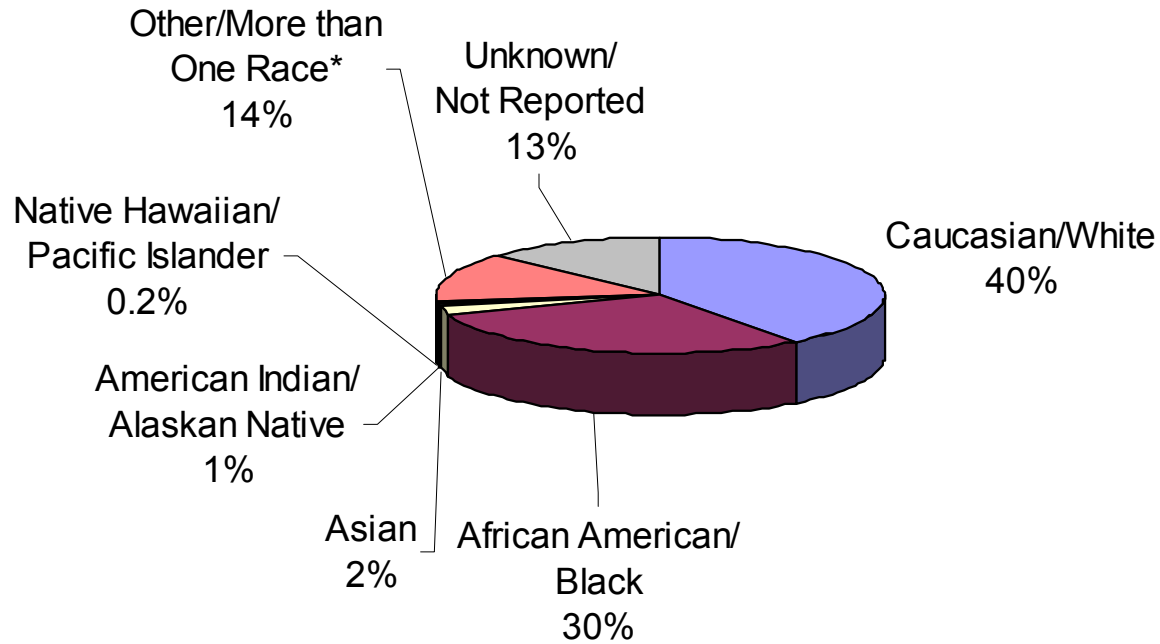
By Test Mode



By Test Type



HIV Testing by Race



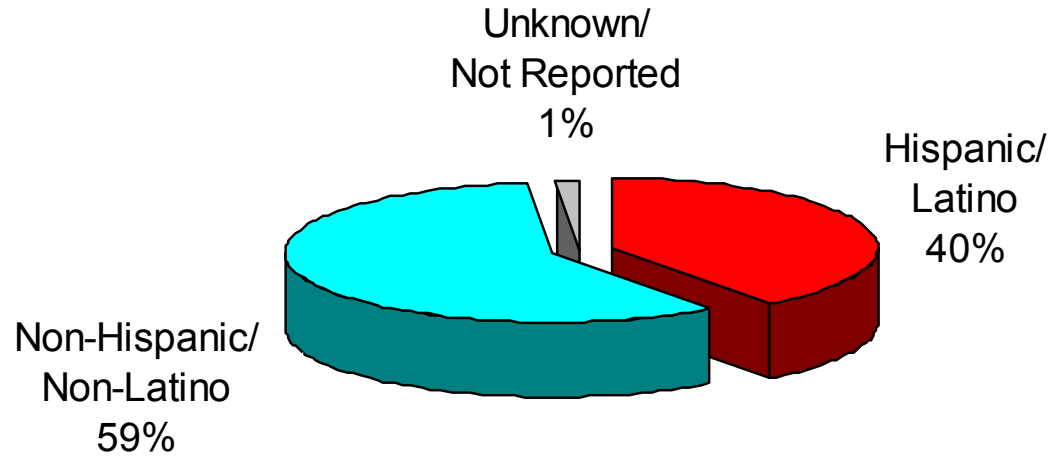
HIV Positivity by Race

Race	Caucasian/White	African American/Black	Asian	American Indian/Alaskan Native	Native Hawaiian/Pacific Islander	Other/More than One Race*	Unknown/Not Reported
# of Confirmed Positive Tests	80	186	1	1	1	47	19
Total # of HIV Tests	50,708	38,507	2,784	1,054	266	18,073	16,348
% Positive	0.16%	0.48%	0.04%	0.09%	0.38%	0.26%	0.12%

Source: HIV Prevention Project Data

*Period 1 = "Other"; Period 2 = "More than One Race"

HIV Testing by Ethnicity



HIV Positivity by Ethnicity

Ethnicity	Hispanic/Latino	Non-Hispanic/Non-Latino	Unknown/Not Reported
# of Confirmed Positive Tests	105	228	2
Total # of HIV Tests	51,266	74,693	1,781
% Positive	0.20%	0.31%	0.11%

HIV Testing by Race and Ethnicity*

		Race						
		Caucasian/ White	African American/ Black	Asian	American Indian/ Alaskan Native	Native Hawaiian/ Pacific Islander	More than One Race	Unknown/ Not Reported
Ethnicity	Hispanic/ Latino	7,769	722	21	77	24	2,962	8,567
		14.5%	1.4%	0.0%	0.1%	0.0%	5.5%	16.0%
	Not Hispanic/ Not Latino	14,063	15,756	923	357	102	373	830
		26.3%	29.5%	1.7%	0.7%	0.2%	0.7%	1.6%
	Unknown/ Not Reported	146	23	17	43	1	22	636
		0.3%	0.0%	0.0%	0.1%	0.0%	0.0%	1.2%

71% Racial/Ethnic Minorities

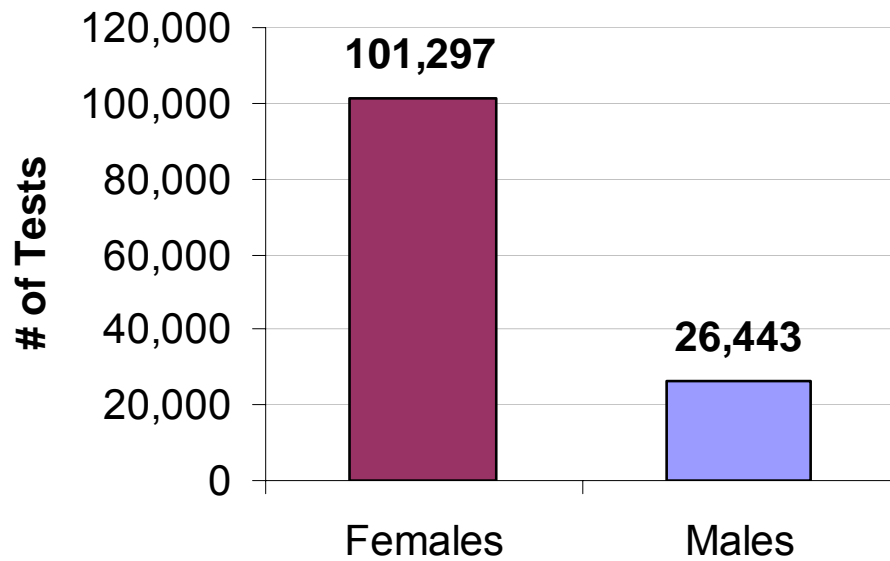
- Non-Hispanic/Non-Latino African Americans/Blacks (30%)
- Hispanics/Latinos with Race Unknown/Not Reported (16%)
- Hispanic/Latino Caucasians/Whites (15%)

HIV Positivity by Race and Ethnicity*

		Race						
		Caucasian/ White	African American/ Black	Asian	American Indian/ Alaskan Native	Native Hawaiian/ Pacific Islander	More than One Race	Unknown/ Not Reported
Ethnicity	Hispanic/ Latino	17	11	0	0	0	4	14
		0.22%	1.52%	0.00%	0.00%	0.00%	0.14%	0.16%
	Not Hispanic/ Not Latino	24	94	0	0	0	0	0
		0.17%	0.60%	0.00%	0.00%	0.00%	0.00%	0.00%
	Unknown/ Not Reported	0	0	0	0	0	0	0
		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

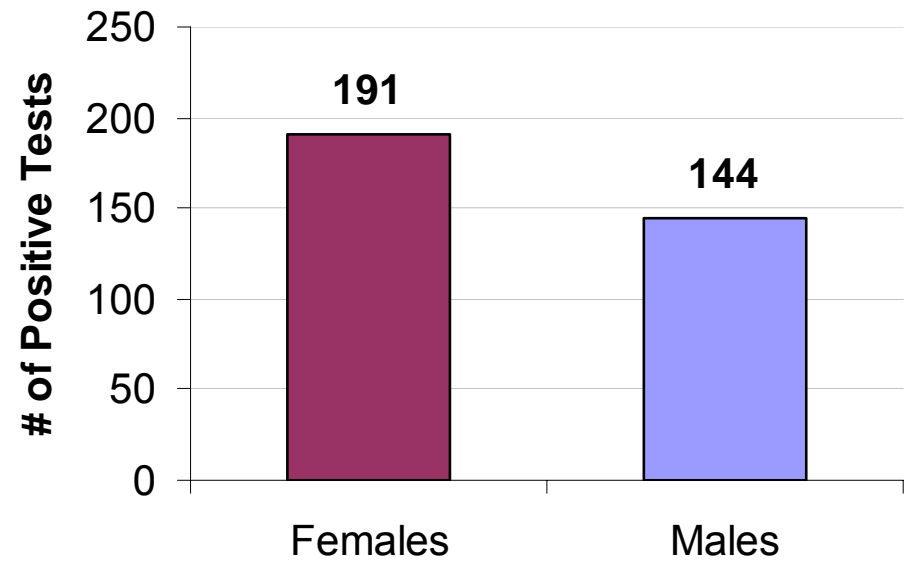
- Hispanic/Latino African Americans/Blacks
- Non-Hispanic/Non-Latino African Americans/Blacks
- Hispanic/Latino Caucasians/Whites

HIV Testing by Gender



➤ Female to Male Ratio \approx 4:1

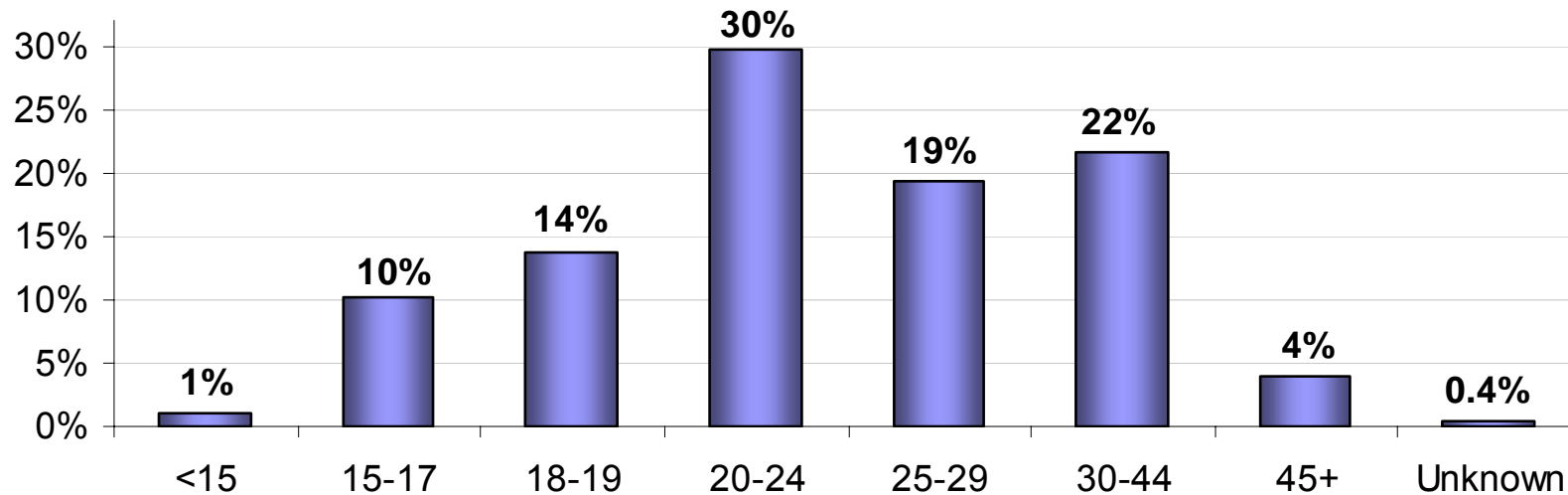
Positivity by Gender



➤ Female Positivity = 0.2%

➤ Male Positivity = 0.6%

HIV Testing by Age Group



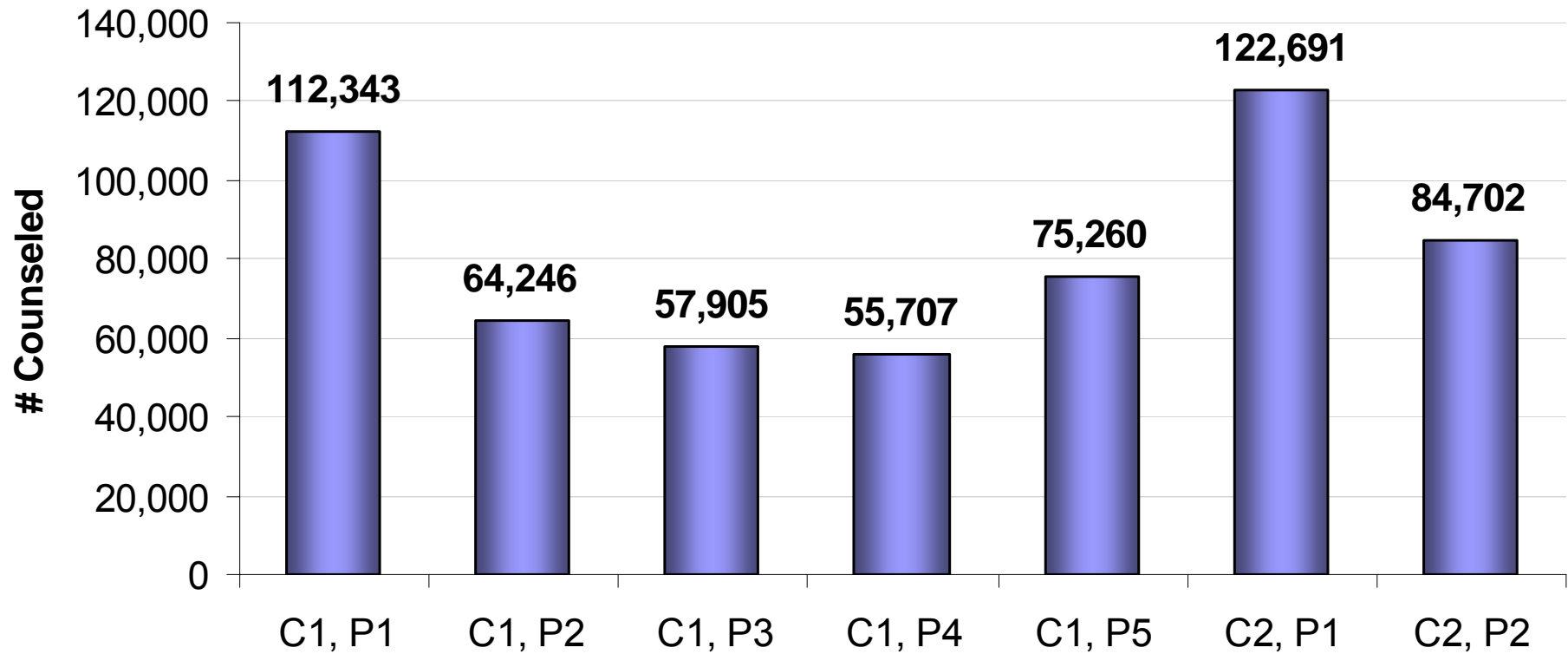
HIV Positivity by Age Group

Age Group	<15	15-17	18-19	20-24	25-29	30-44	45+	Unknown
# of Confirmed Positive Tests	0	12	27	77	77	110	29	3
Total # of HIV Tests	1,423	13,004	17,420	38,032	24,757	27,585	4,982	538
% Positive	0.0%	0.1%	0.2%	0.2%	0.3%	0.4%	0.6%	0.6%

Source: HIV Prevention Project Data

Overall Trends: Cycle 1 and 2

HIV Counseling Levels*



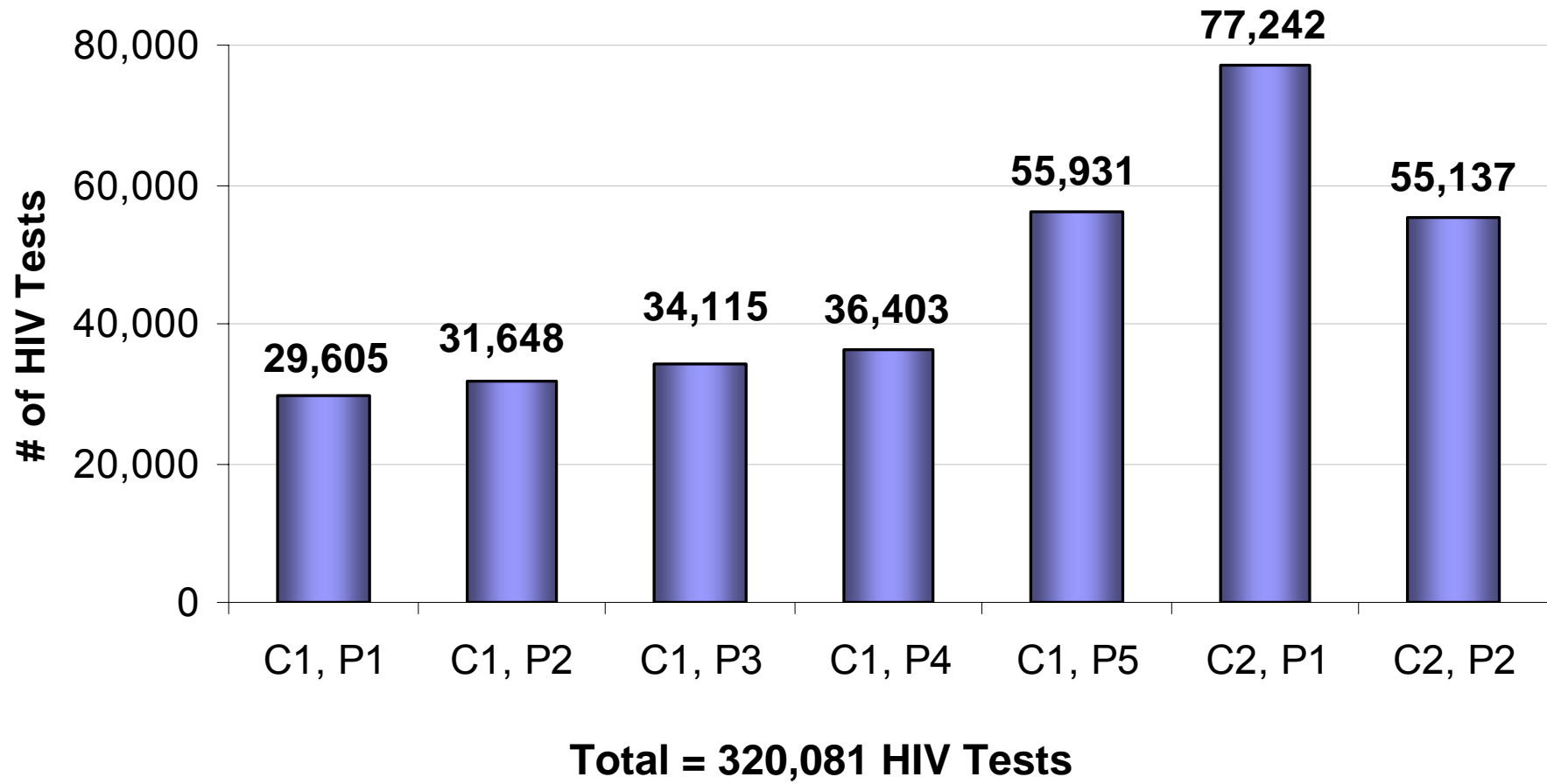
Total = 572,854 Counseled

Source: HIV Prevention Project Data

*C=Cycle, P = Period

C2, P2 = # of Individual Counseling Sessions; All Other Ps = # of Clients Counseled

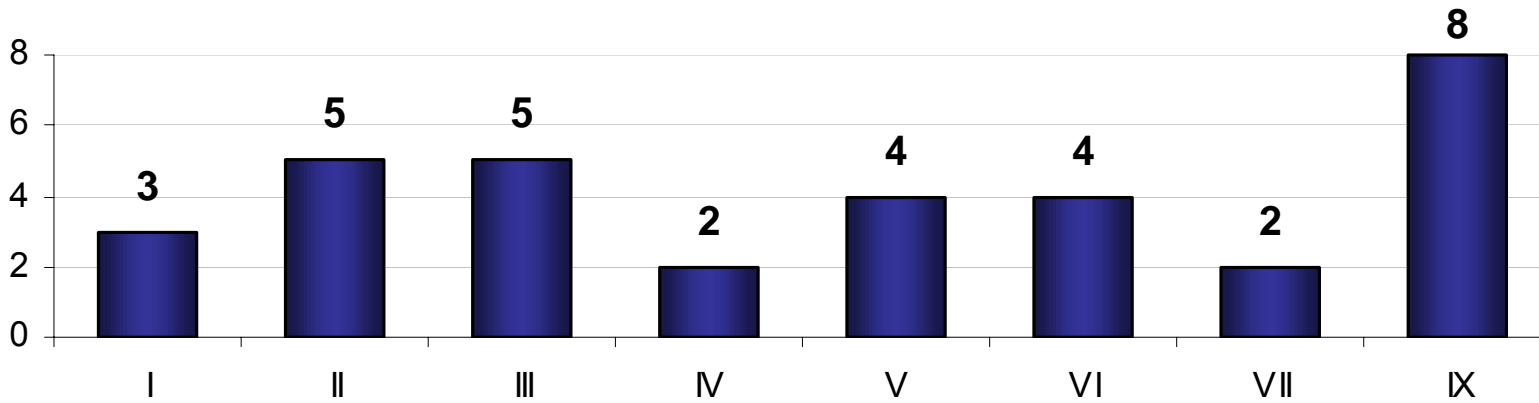
HIV Testing Levels



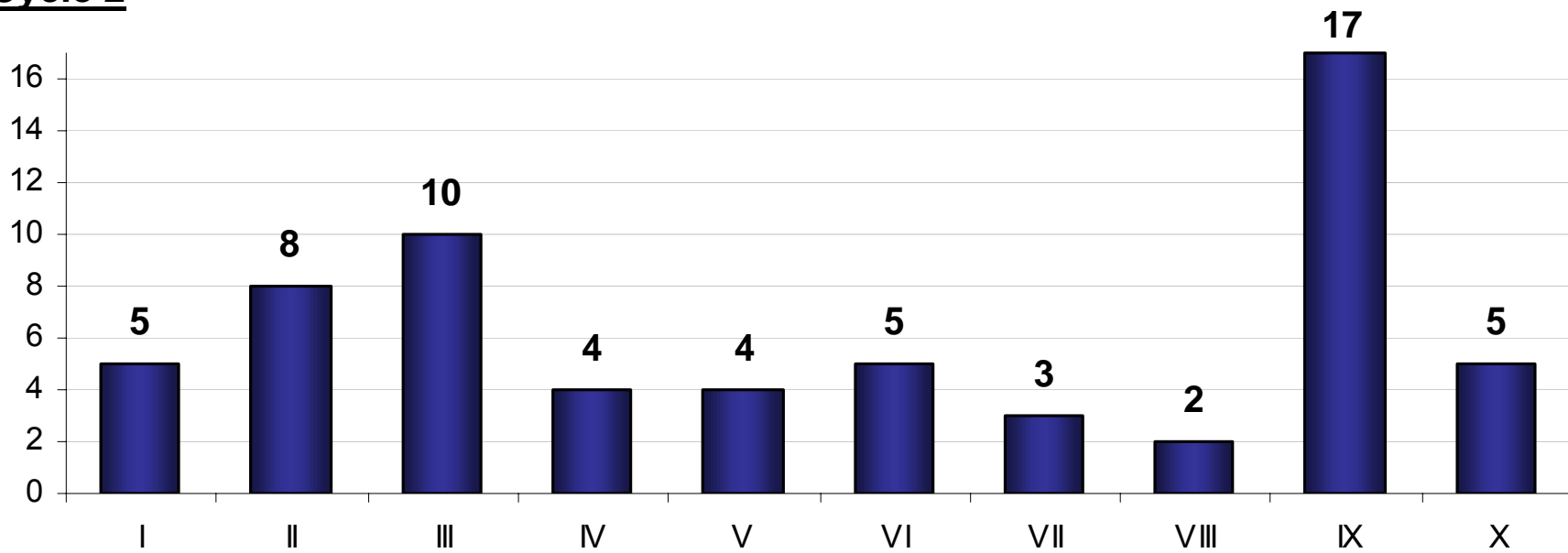
Source: HIV Prevention Project Data

Number of Projects by Region

Cycle 1

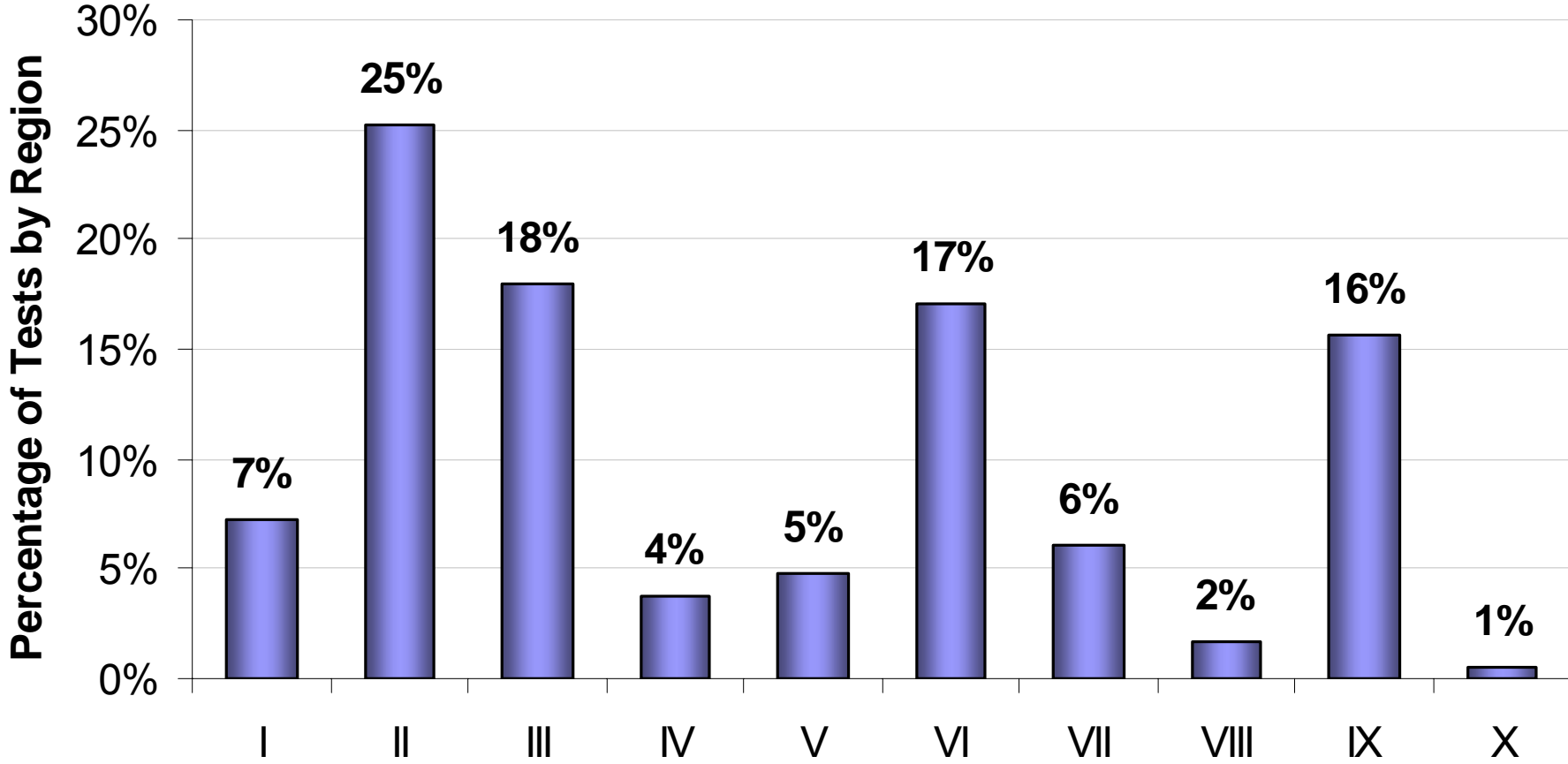


Cycle 2



Source: HIV Prevention Project Data

Distribution of Tests by Region

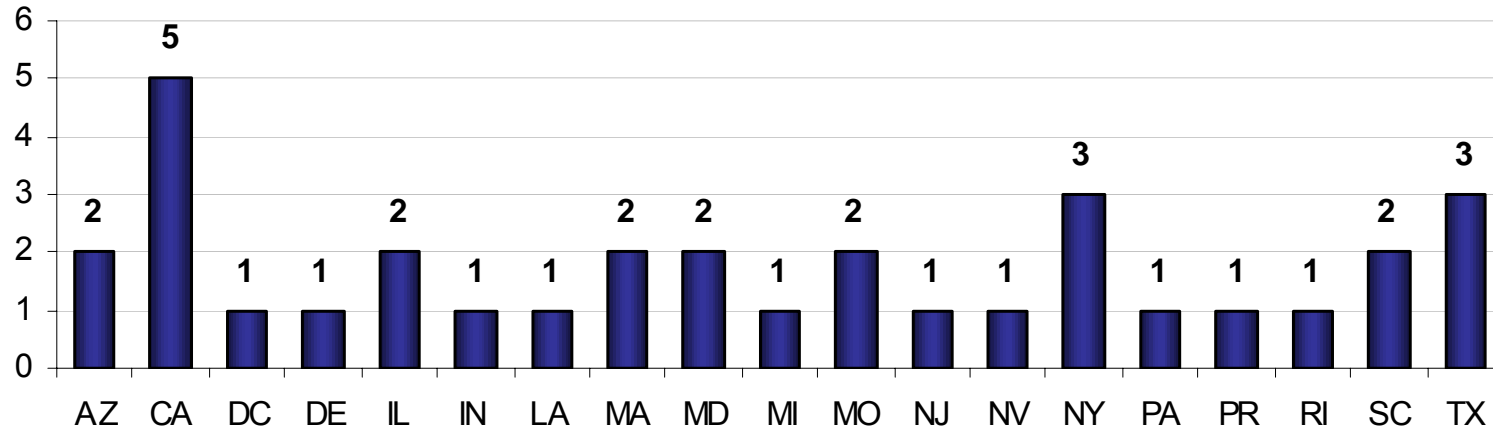


Total = 320,081 HIV Tests

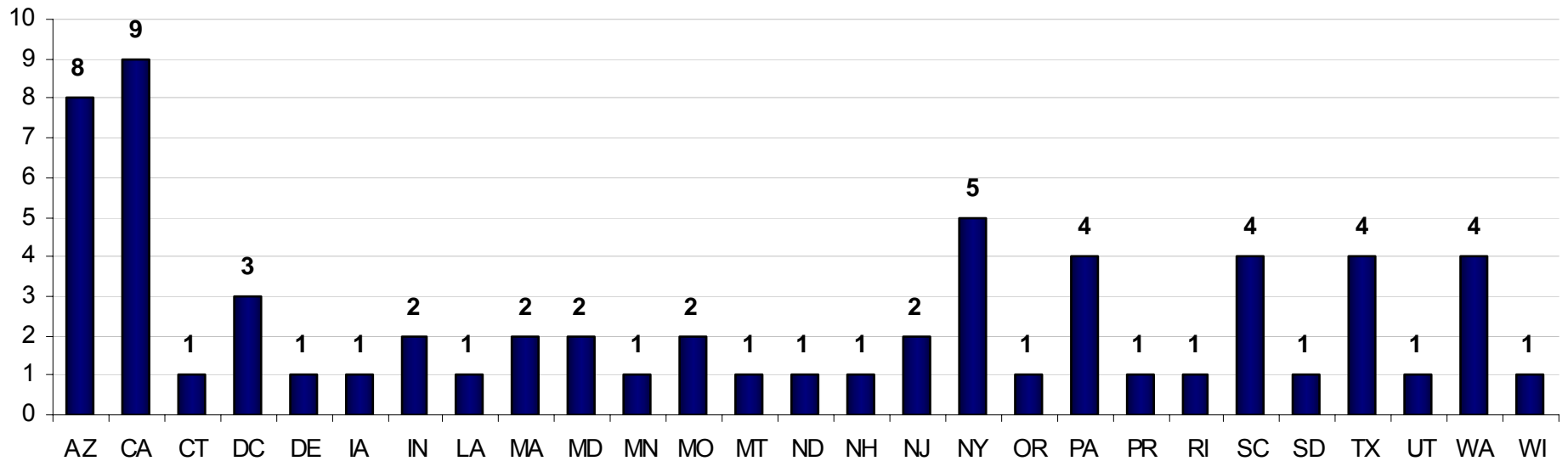
Source: HIV Prevention Project Data

Number of Projects by State

Cycle 1

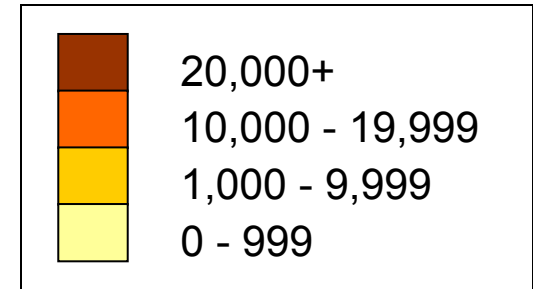


Cycle 2



Source: HIV Prevention Project Data

Number of Tests by State



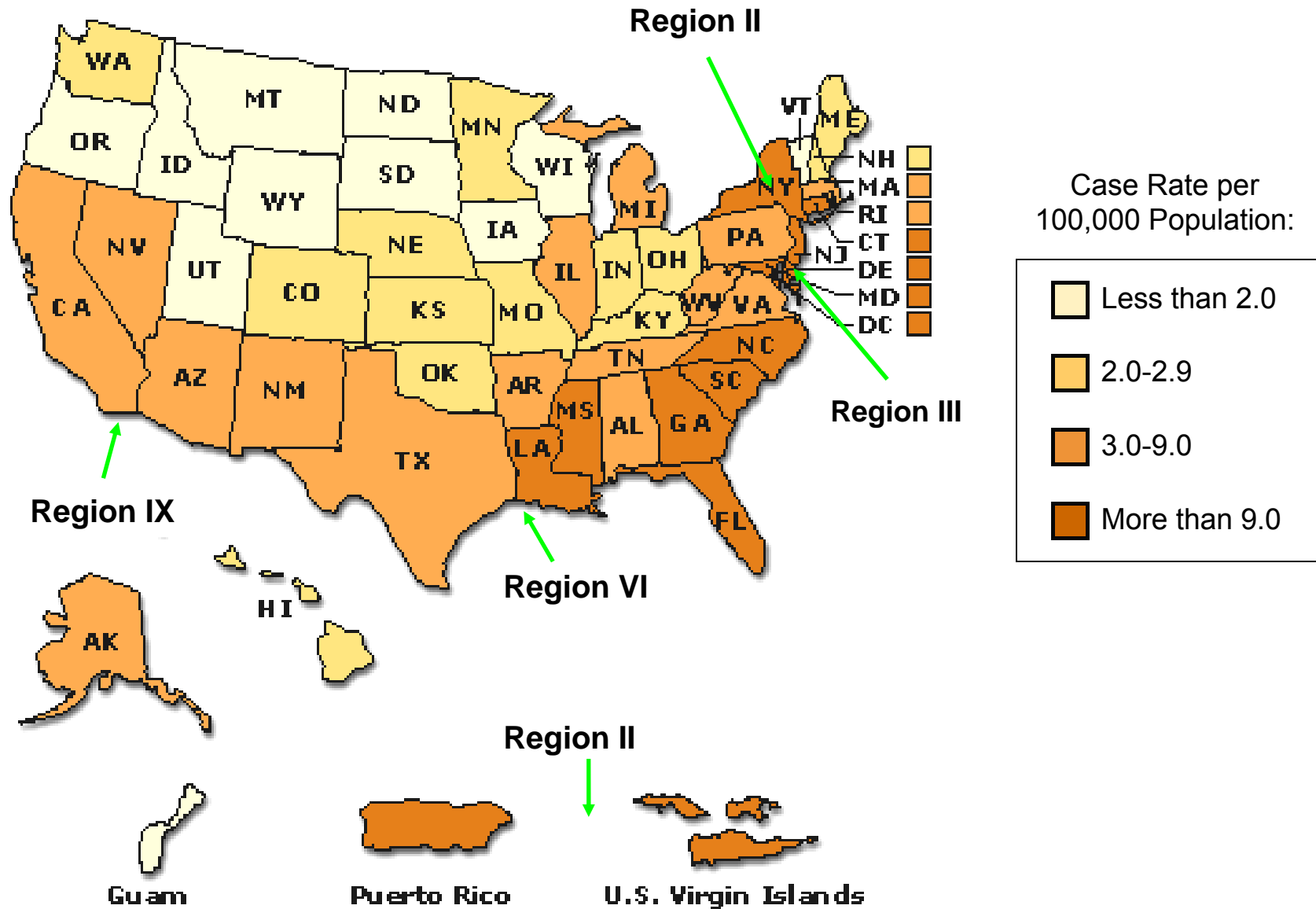
State	# of Tests
AZ	15,336
CA	27,392
CT	5,457
DC	6,303
DE	27,613
IA	2,303
IL	3,050
IN	9,391
LA	18,201
MA	3,789

State	# of Tests
MD	13,876
MI	969
MN,ND,SD	949
MO	17,098
MT	2,566
NH	153
NJ	23,885
NV	7,281
NY	42,295
OR	210

State	# of Tests
PA	9,770
PR	14,394
RI	13,963
SC	12,068
TX	36,308
UT	3,007
WA	1,641
WI	813

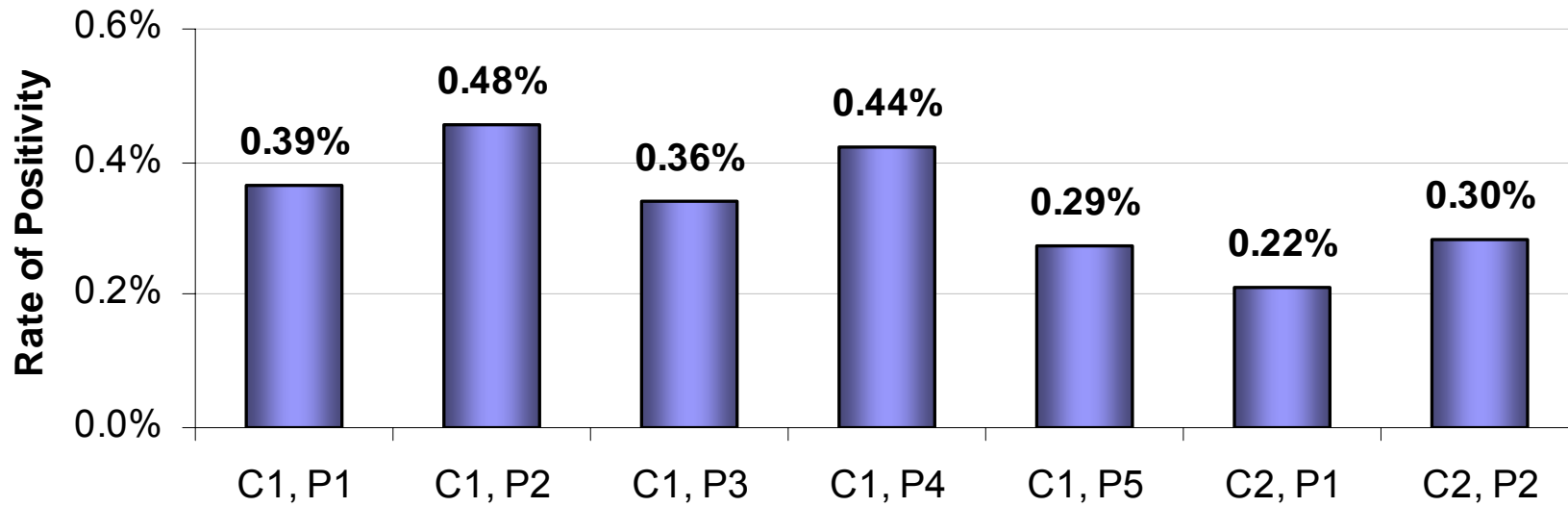
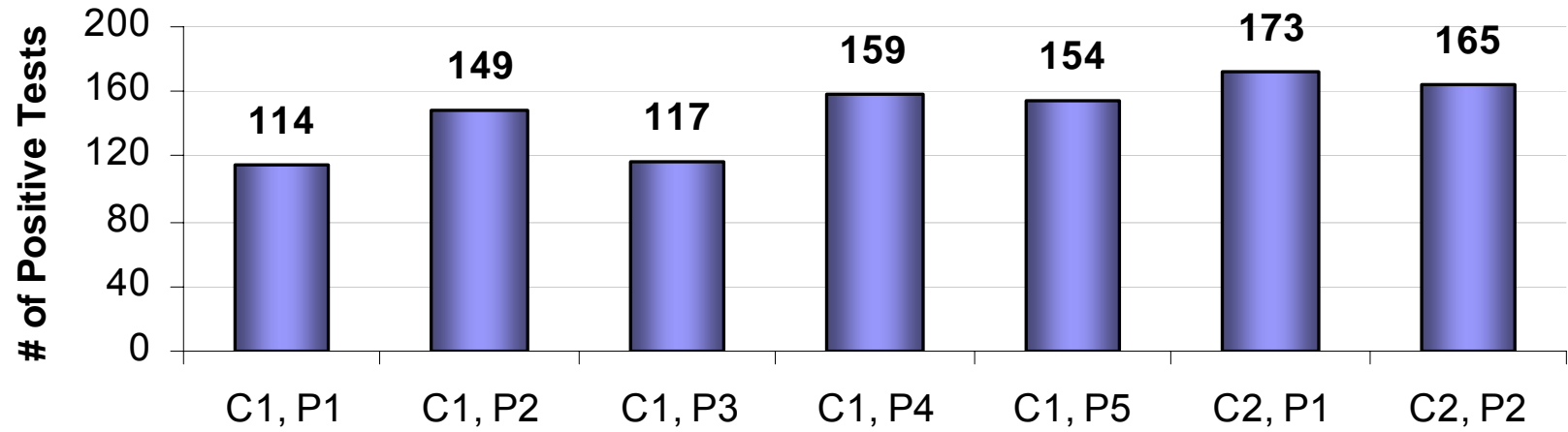
Source: HIV Prevention Project Data

2004 Female AIDS Case Rates by State



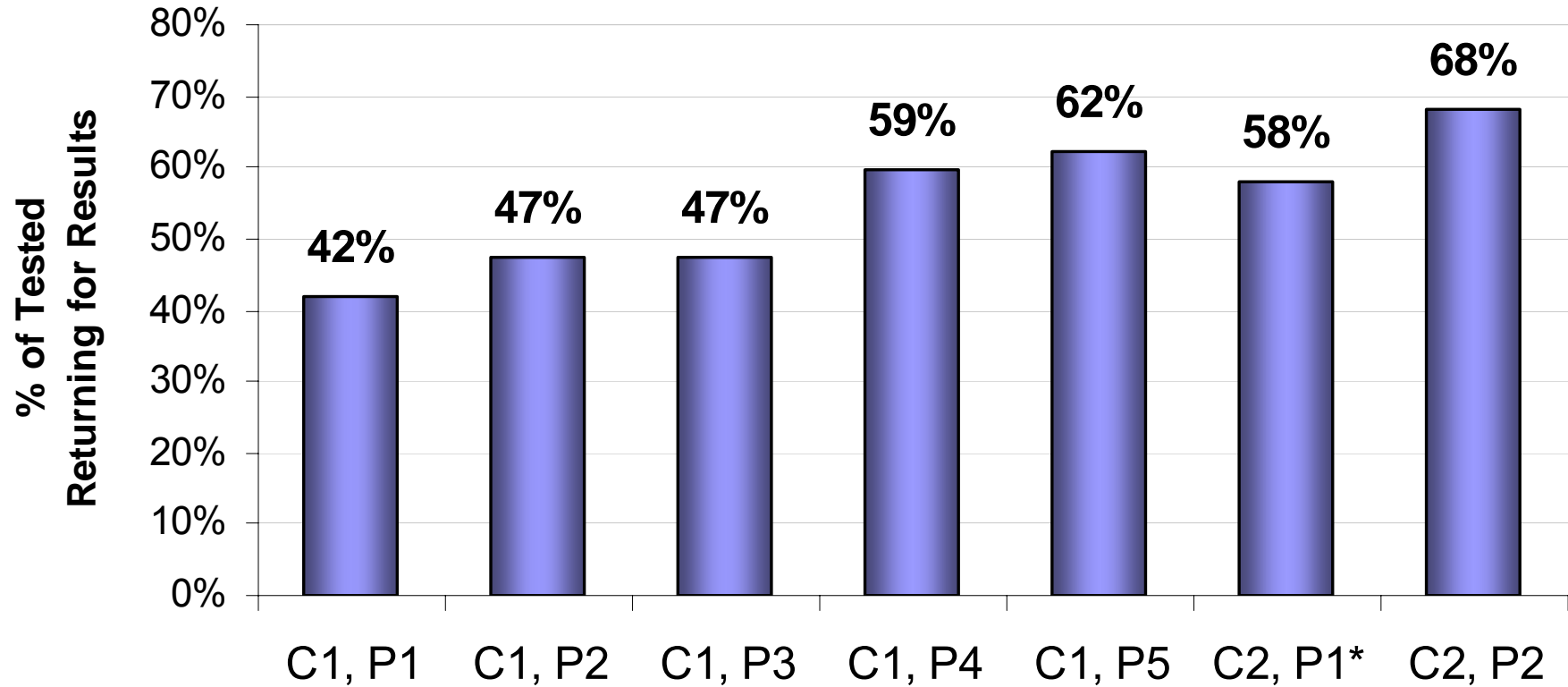
Source: CDC, HIV/AIDS Surveillance Report, 2005

HIV Positivity Rates



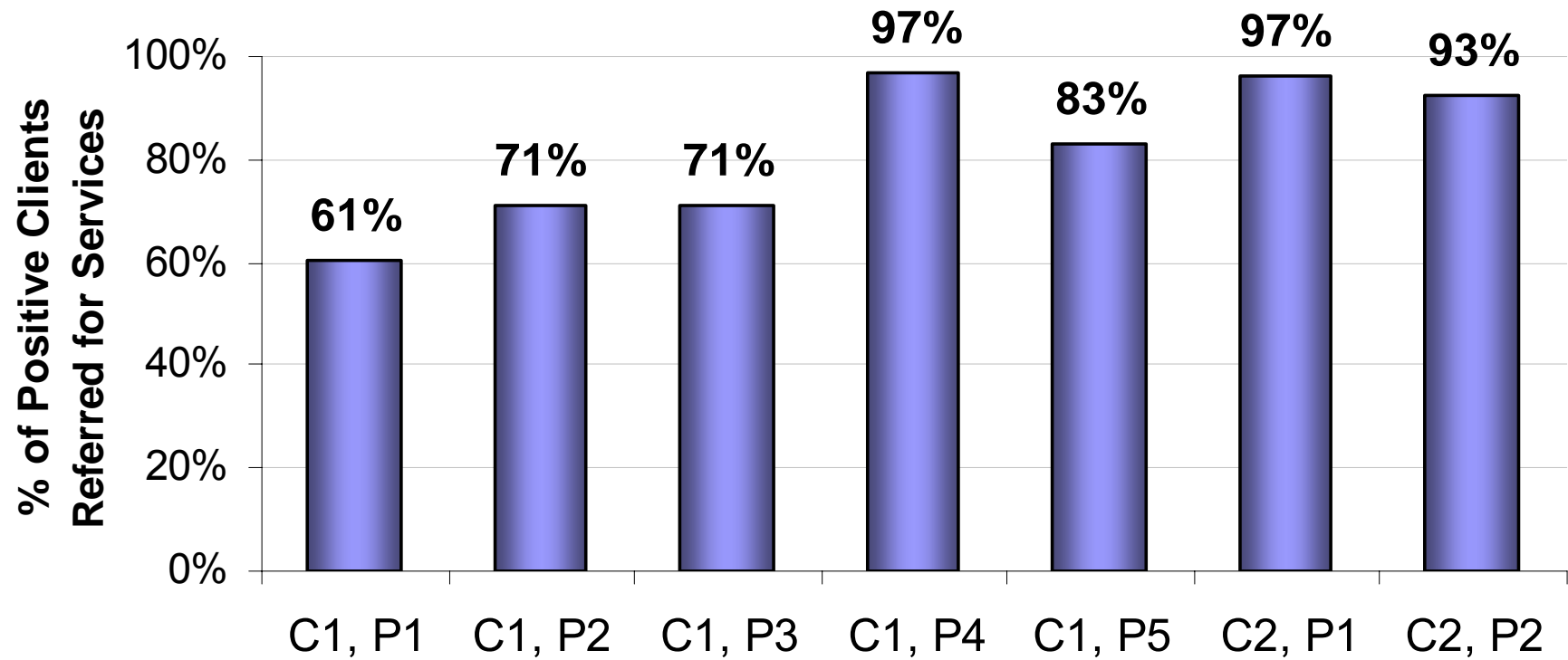
Overall Positivity Rate = 0.33%

Return Rates for Test Results and Post-test Counseling



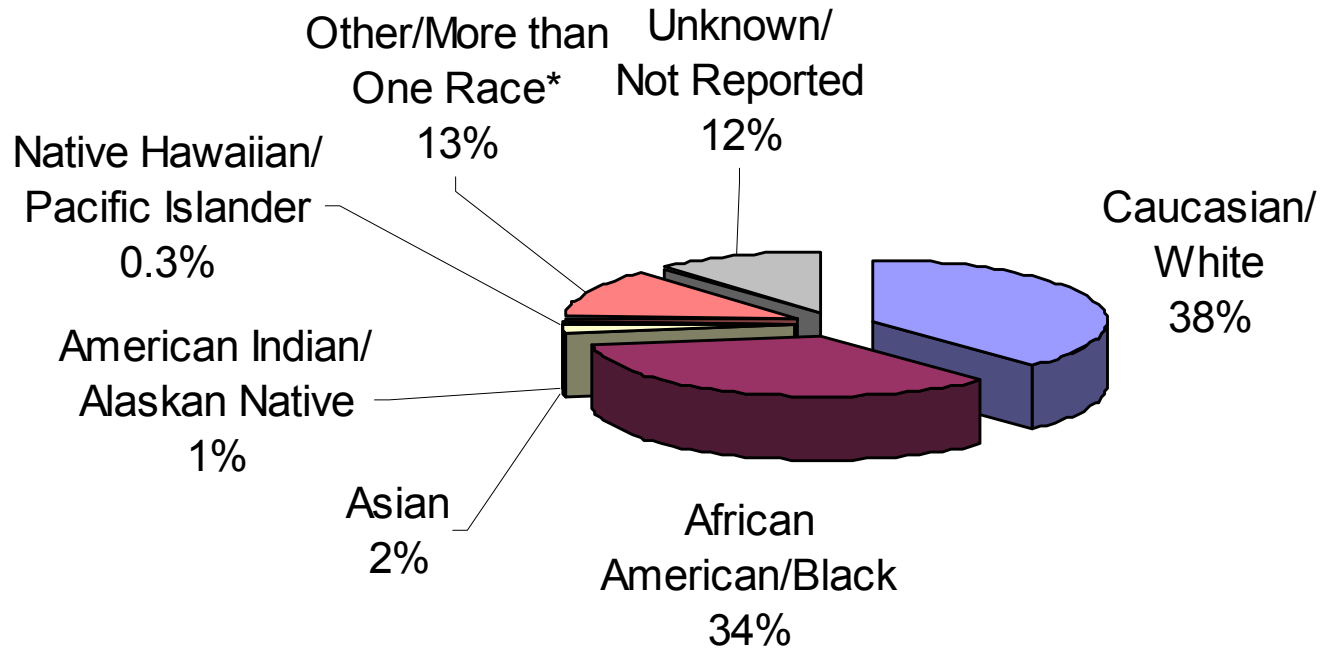
Overall Return Rate Among Tested = 57%

Referral Rates for Positives



Overall Referral Rate for Positive Clients = 83%

HIV Testing by Race

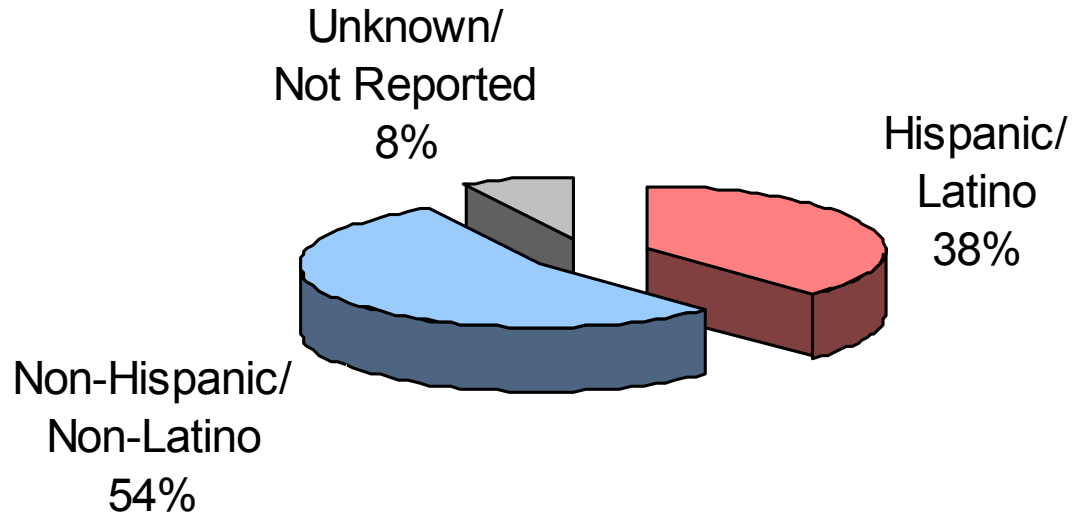


Total # of HIV Tests by Race						
Caucasian/White	African American/Black	Asian	American Indian/Alaskan Native	Native Hawaiian/Pacific Islander	Other/More than One Race*	Unknown/Not Reported
115,383	104,419	6,446	2,081	909	39,213	35,269

Source: HIV Prevention Project Data

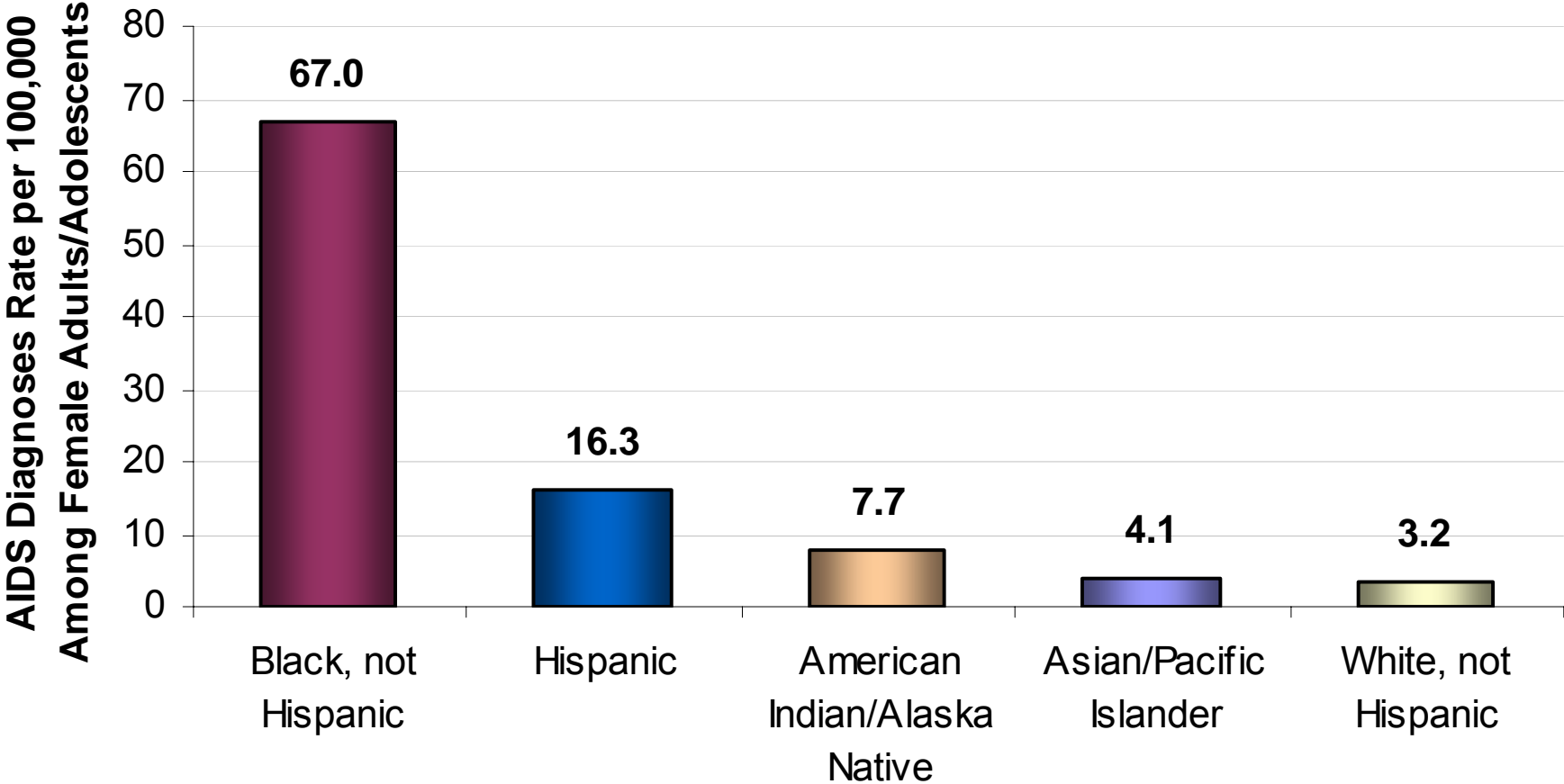
*C2, P2 = "More than One Race", All Other Ps = "Other"

HIV Testing by Ethnicity



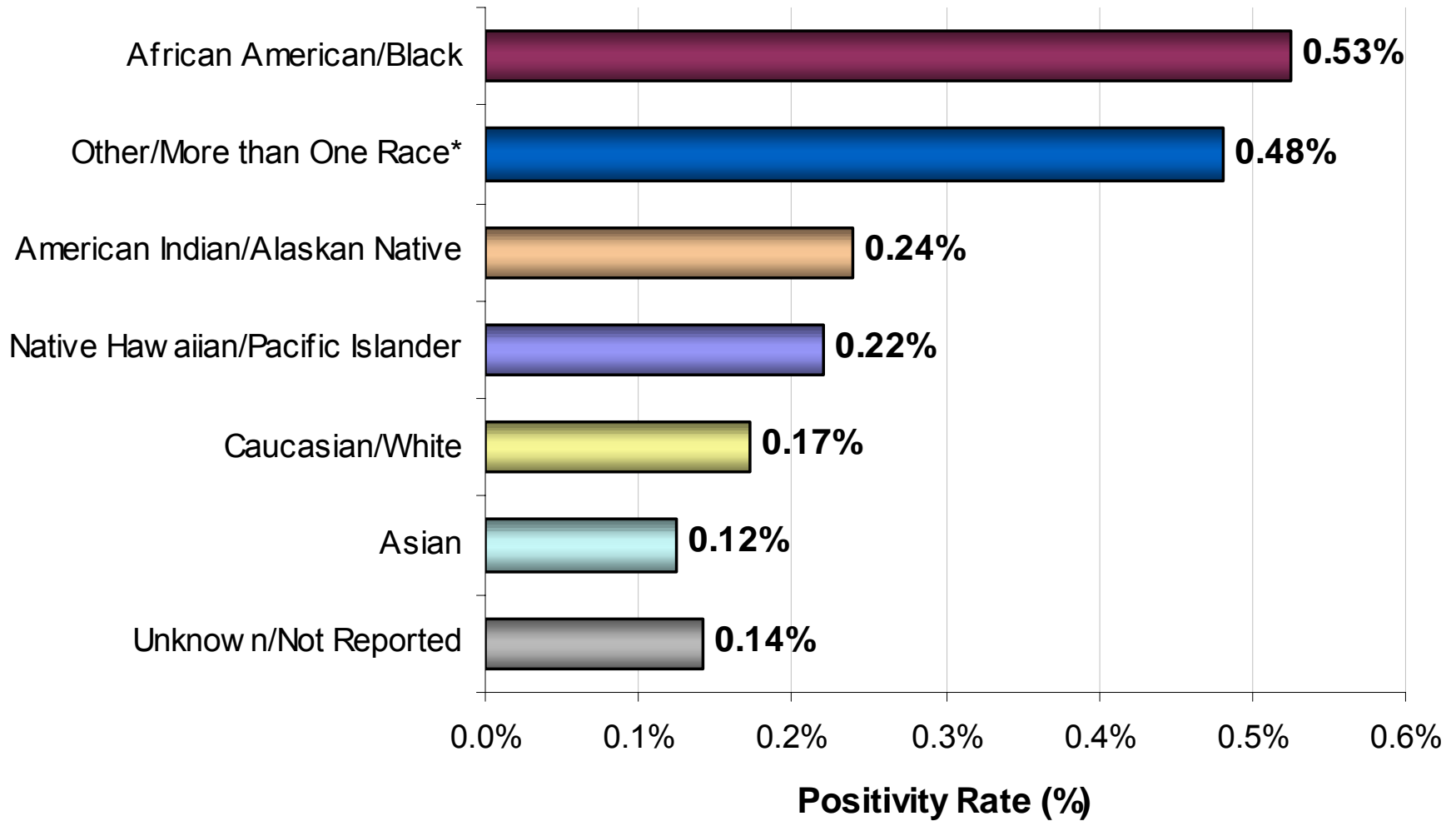
Total # of HIV Tests by Ethnicity		
Hispanic/ Latino	Non-Hispanic/ Non-Latino	Unknown/ Not Reported
114,342	166,524	22,861

2004 Rate of Female AIDS Diagnoses by Race/Ethnicity



Source: CDC HIV/AIDS Surveillance Report, 2005

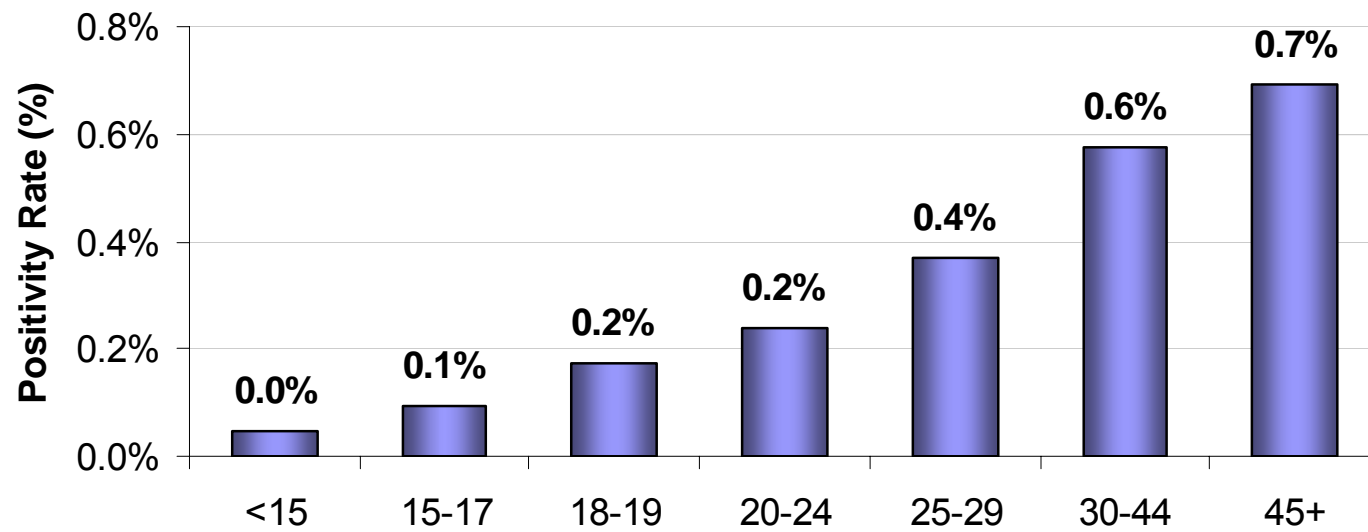
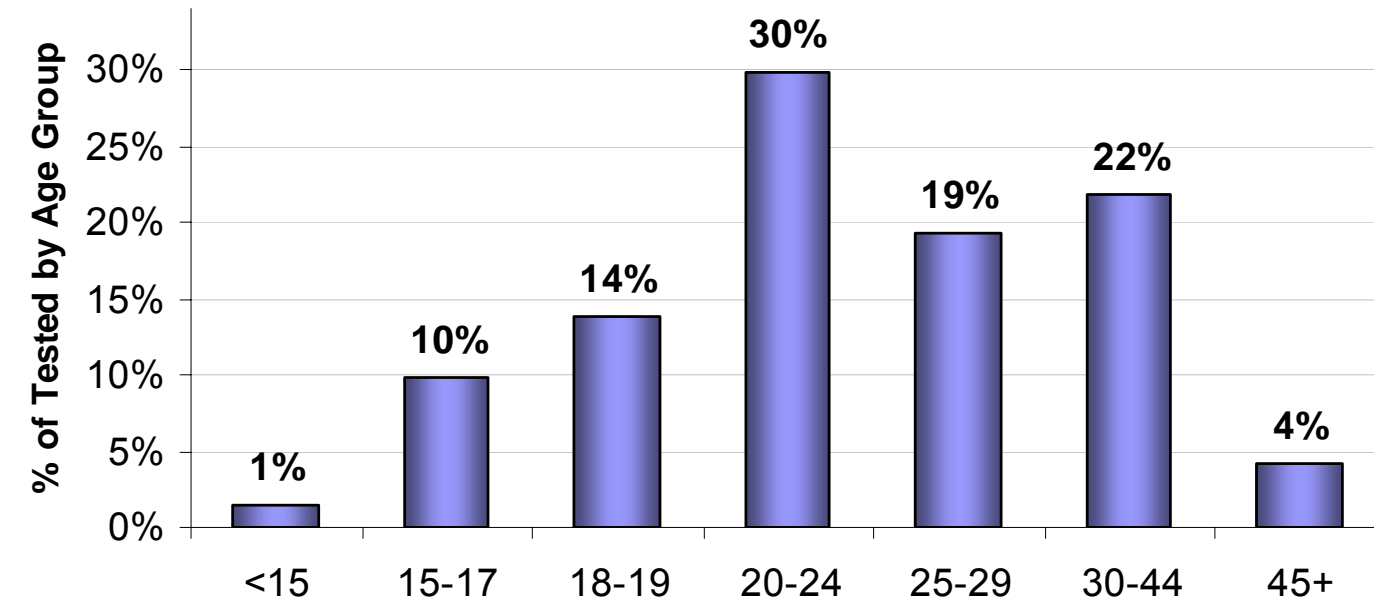
Positivity Rates by Race



Source: HIV Prevention Project Data

*C2, P2 = "More than One Race", All Other Ps = "Other"

HIV Testing and Positivity by Age



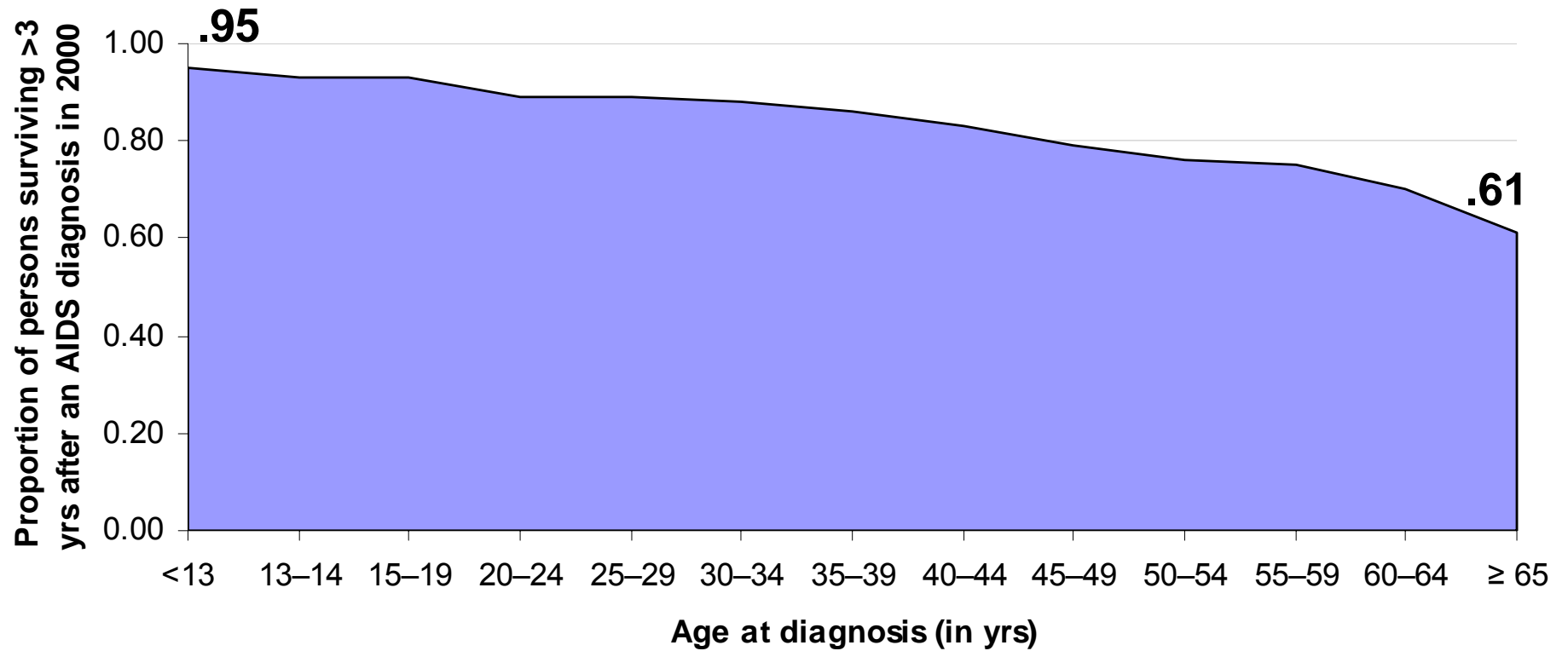
Source: HIV Prevention Project Data

Age at Diagnosis of HIV/AIDS

CDC Surveillance Data for Age at HIV/AIDS Diagnosis, 2001-2004					
	<15	15-24	25-29	30-44	45+
% of HIV/AIDS Cases by Age at Diagnosis	1%	11%	11%	51%	26%

HIV Integration Project, 2001-2005					
	<15	15-24	25-29	30-44	45+
% of HIV Tests by Age Group	1%	53%	19%	22%	4%
% of Positive Tests by Age Group	0.2%	31%	22%	38%	9%

Survival after AIDS Diagnosis by Age Group



Data Limitations

- Accuracy of Data Reporting
- Limitations in Interpreting Data
 - Positivity data
- Potential Upward Bias
 - Risk when reporting outcome evaluation data

Conclusions and Next Steps

- Title X clinics continue to serve as critical sites for integration of HIV prevention services
- Demonstrated growth in efficiency and effectiveness of HIV Prevention Projects over time
- Over 320,081 HIV tests have been provided and an increasing level of testing has been performed
- The overall positivity rate of 0.33% is substantial

- Increased rapid testing has impacted outcomes
 - Higher positivity rates with rapid testing
 - Improved rates of return for test results

- Referral and linkage of HIV+ individuals to care should be sustained at current high rates

- Enduring need to reach out to
 - **High incidence** areas...and **pocket areas** of need
 - **Blacks, Latinos/Hispanics**...and other subgroups who lack access to HIV services or face high disease burden
 - **Underserved females**...and **males**
 - **Adolescents, young adults**...and **older people** in need of testing