



**Public Health Division
Communicable Disease Programs**

HIV/AIDS EPIDEMIOLOGY REPORT

August 2009

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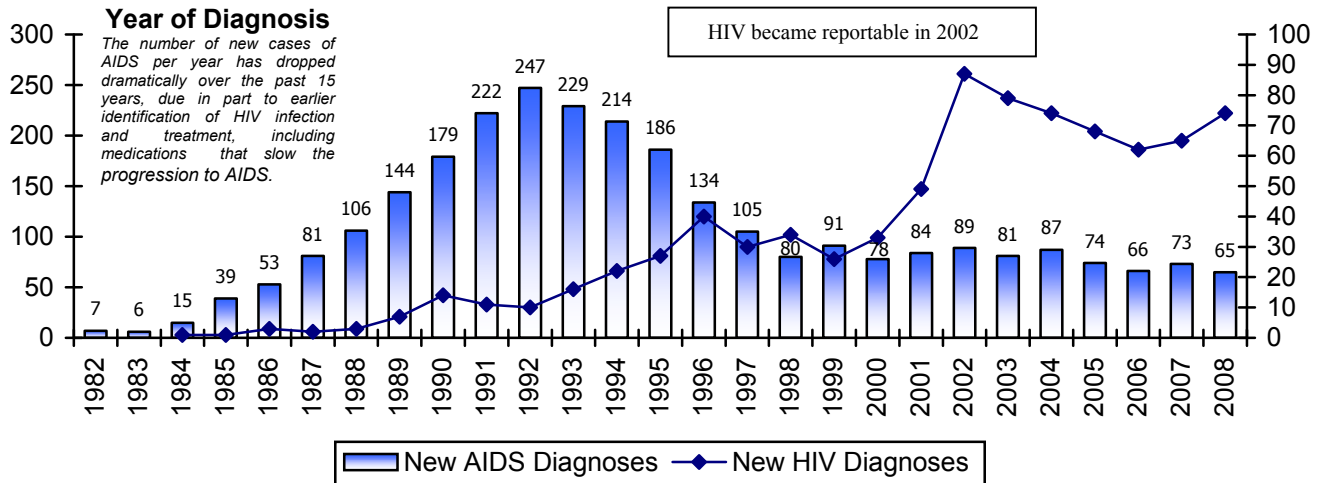
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http://www.cchealth.org/groups/epidemiology/aids/aids_links.php

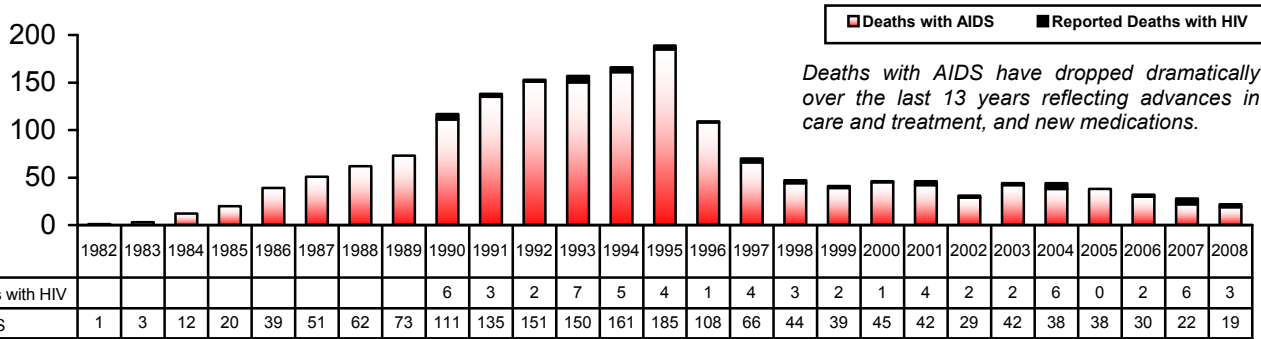
AIDS Program: <http://www.cchealth.org/groups/aids/>

2,835 CONTRA COSTA COUNTY RESIDENTS DIAGNOSED WITH AIDS, 838 with HIV

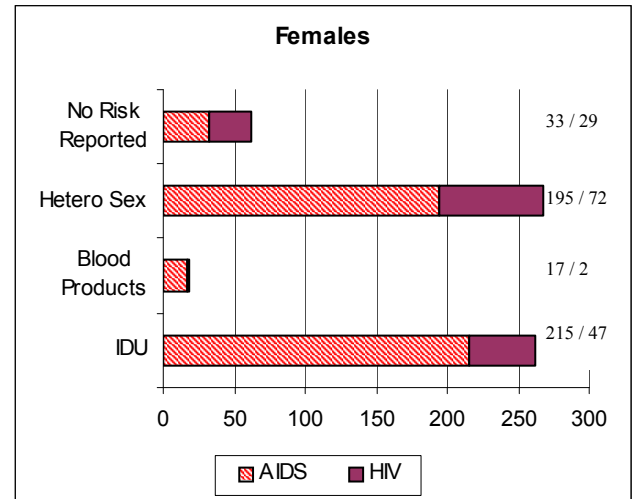
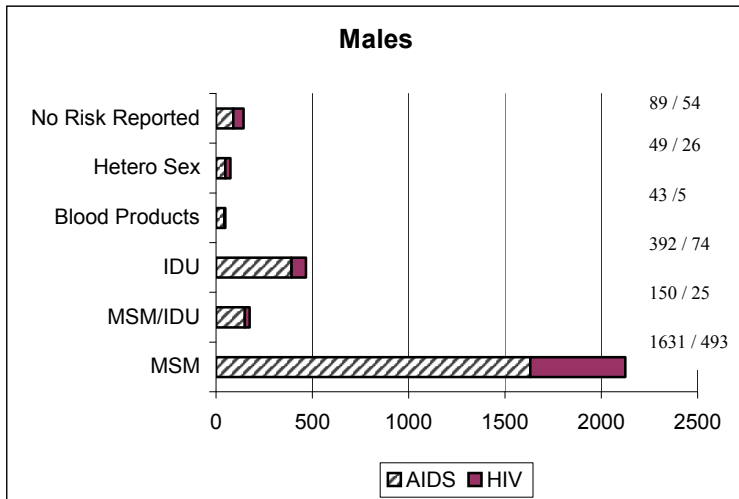
A cumulative total of 2,835 cases of AIDS have been diagnosed as of 12/31/08, and reported to the Public Health Department by 5/19/09. At least 1,721 (60.7%) of these individuals have died. Adult and adolescent cases (n=2,814: males=2,354; females=460). Pediatric cases (1-12 years of age, n=21). Of 21 pediatric cases, 14 are male and 7 are female. Fourteen were born to women with HIV/AIDS, and six were infected through infected blood. Additionally, 838 Contra Costa residents have been reported with HIV infection but have not progressed to AIDS. Of these 63 have died.



Deaths in People with AIDS or HIV in Contra Costa County, 1982-2008

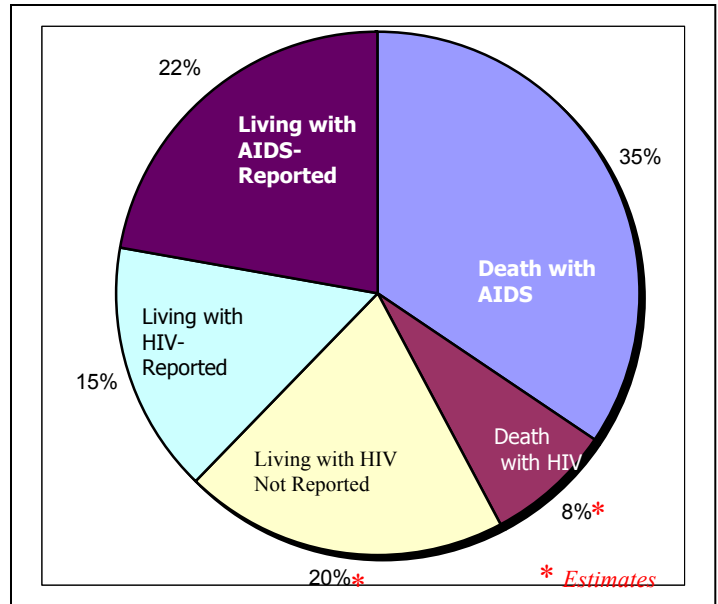


Gender and Risk Factor of Adults Diagnosed with AIDS and HIV, Contra Costa County, 1982-2008

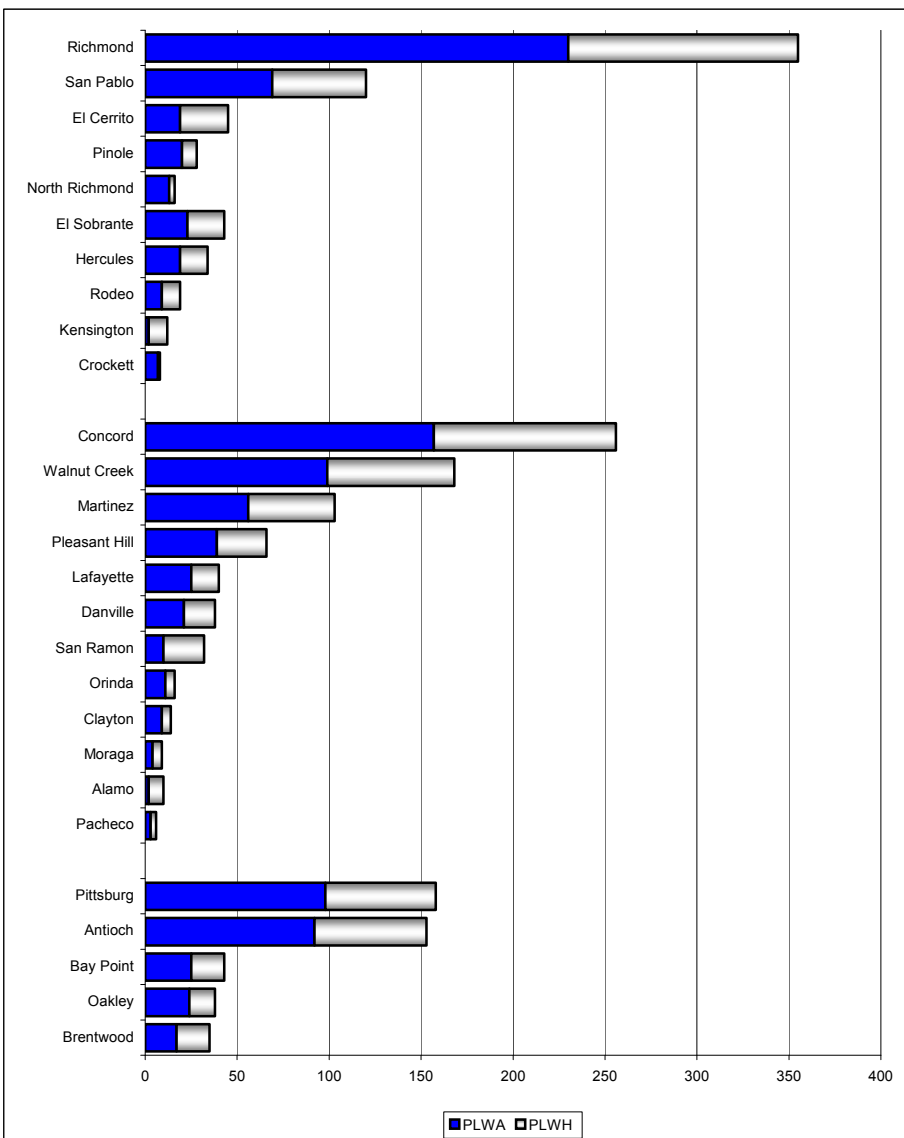


Estimate of Contra Costa Residents Infected with HIV

All people with AIDS have HIV, but not all people with HIV have progressed to a diagnosis of AIDS. Prior to July 2002, only diagnosed AIDS cases, not HIV infection without AIDS, were reportable in California. Formulas developed by the State Office of AIDS and others allow us to develop estimates of the numbers of individuals infected with HIV. Based on these formulas, it is estimated that **4,900** Contra Costa residents have been infected with HIV. Since July 1, 2002, when HIV reporting regulations went into effect, 838 cases of HIV infection only (not AIDS) have been reported.



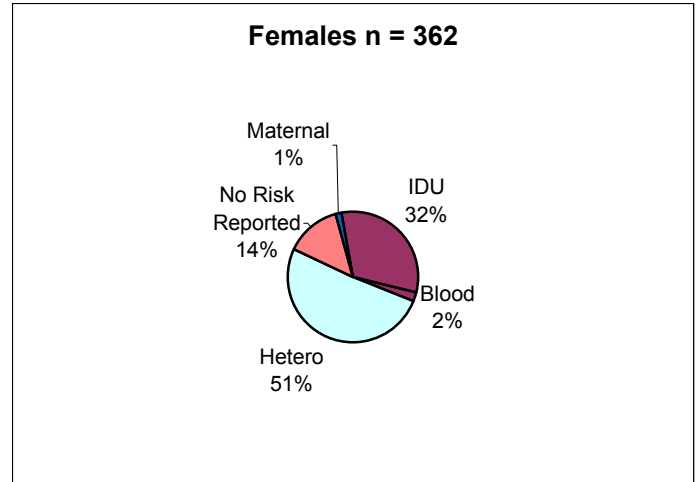
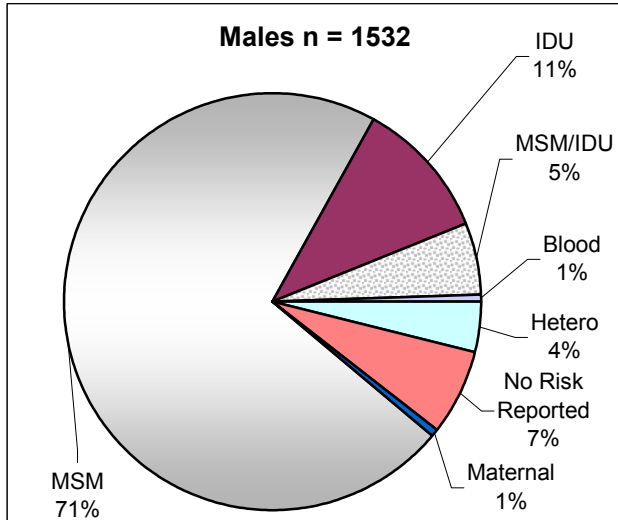
Geographic Distribution of People Living with AIDS (PLWA) and HIV (PLWH) as of 12/31/2008



	PLWA	PLWH	Total Living
Richmond	230	128	358
San Pablo	69	51	120
El Cerrito	19	26	45
Pinole	20	8	28
North Richmond	13	3	16
El Sobrante	23	20	43
Hercules	19	15	34
Rodeo	9	10	19
Kensington	2	10	12
Crockett	7	1	8
Concord	157	99	256
Walnut Creek	99	69	168
Martinez	56	47	103
Pleasant Hill	39	27	66
Lafayette	25	15	40
Danville	21	17	38
San Ramon	10	22	32
Orinda	11	5	16
Clayton	9	5	14
Moraga	4	5	9
Alamo	2	8	10
Pacheco	3	3	6
Pittsburg	98	60	158
Antioch	92	61	153
Bay Point	25	18	43
Oakley	24	14	38
Brentwood	17	18	35
Other	16	10	26

Gender and Risk Factor Distribution of People Reported Living with AIDS or HIV in Contra Costa County

As of 12/31/2008, 1,119 residents were living with AIDS at the time of their diagnosis in Contra Costa County. Additionally, 775 residents were living with HIV. There were other people living with HIV or AIDS in Contra Costa County, who lived elsewhere at the time of their diagnosis and are now residents of Contra Costa County. Some of our residents with HIV or AIDS have also moved elsewhere.



LATE TESTERS: Missed Opportunities.

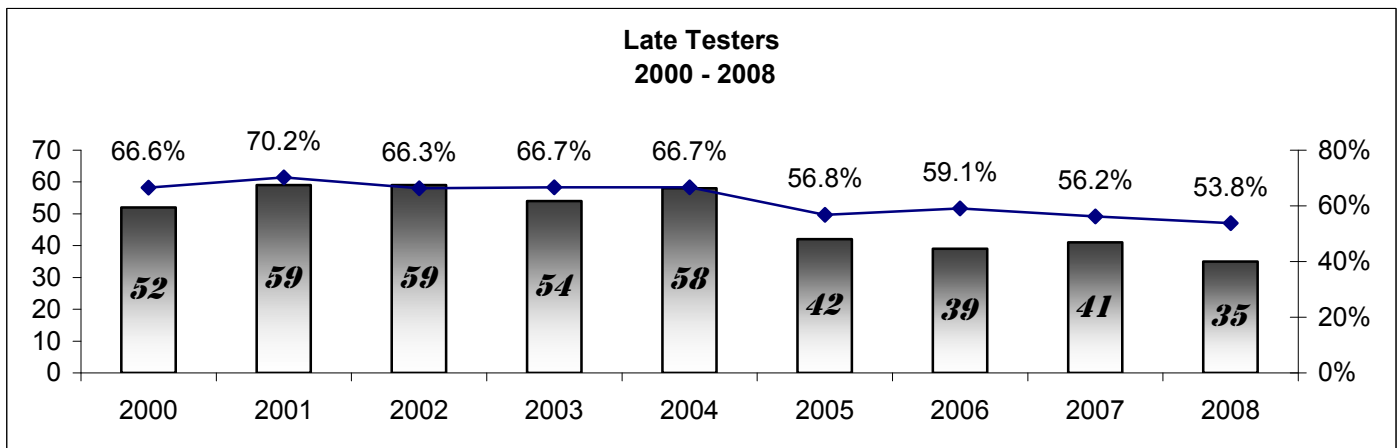
Many people test positive for HIV for the first time when seriously ill (with AIDS), presumably many years after they are first infected.

During the last 9 years 439 people in Contra Costa County were diagnosed with AIDS within twelve months of their HIV diagnosis. Very likely, these People with AIDS lived several years with an HIV infection undiagnosed and untreated. Important opportunities to prevent and or delay an AIDS diagnosis may have been missed.

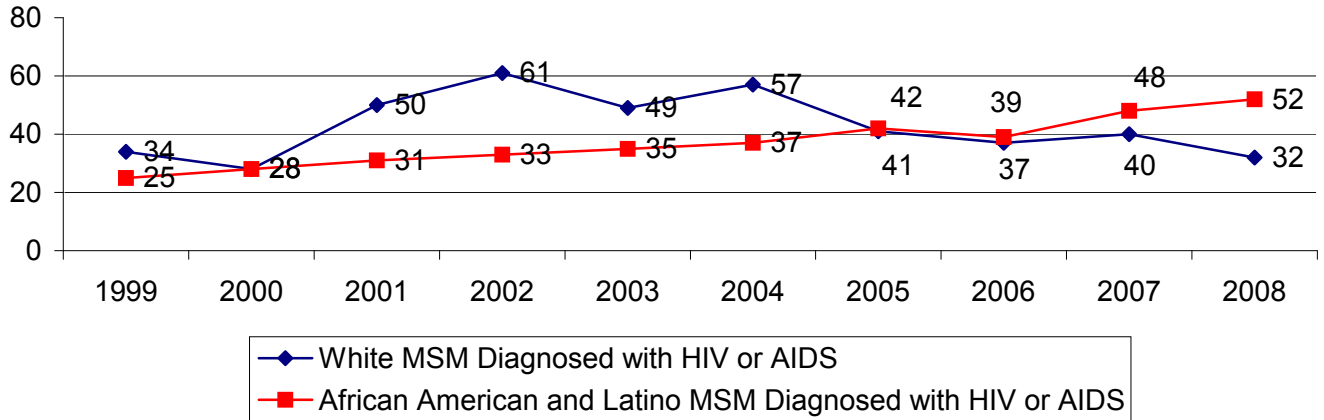
Since 2000 "late testers" have represented over 50% of the newly diagnosed cases of AIDS. The reduction in the number of cases in more recent years (2005-2008) may be an indication that fewer HIV infected persons are becoming "late testers". Although this is encouraging, there are many who still miss the opportunity to benefit from early HIV testing.

People Living with HIV or AIDS as of 12/31/2008 n=1,894

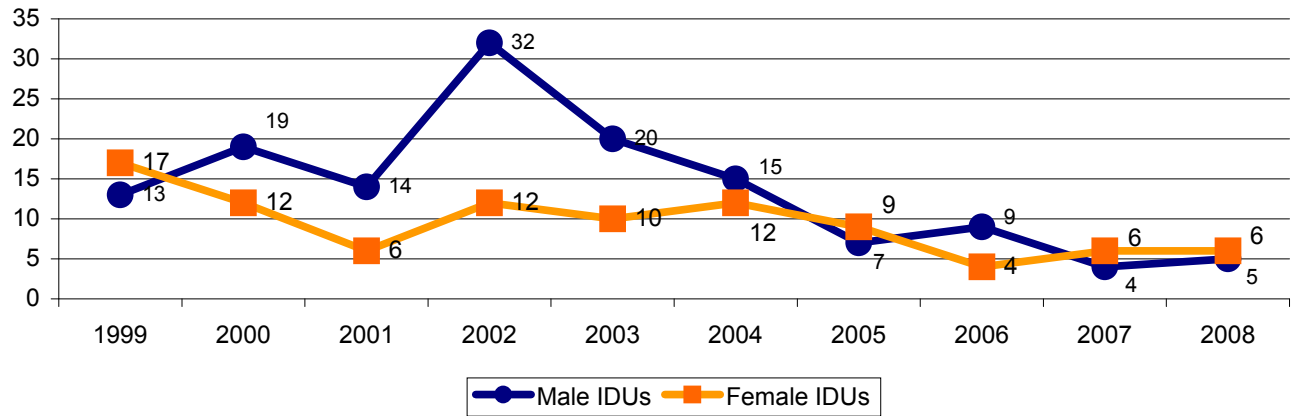
	Males			Females		
	AIDS	HIV	Total	AIDS	HIV	Total
MSM	624	478	1102			
MSM/IDU	57	25	82			
IDU	116	52	168	77	38	115
Blood	5	5	10	6	2	8
Hetero	35	24	59	116	68	184
NRR	54	47	101	22	28	50
Maternal	4	6	10	3	2	5
Total	895	637	1532	224	138	362



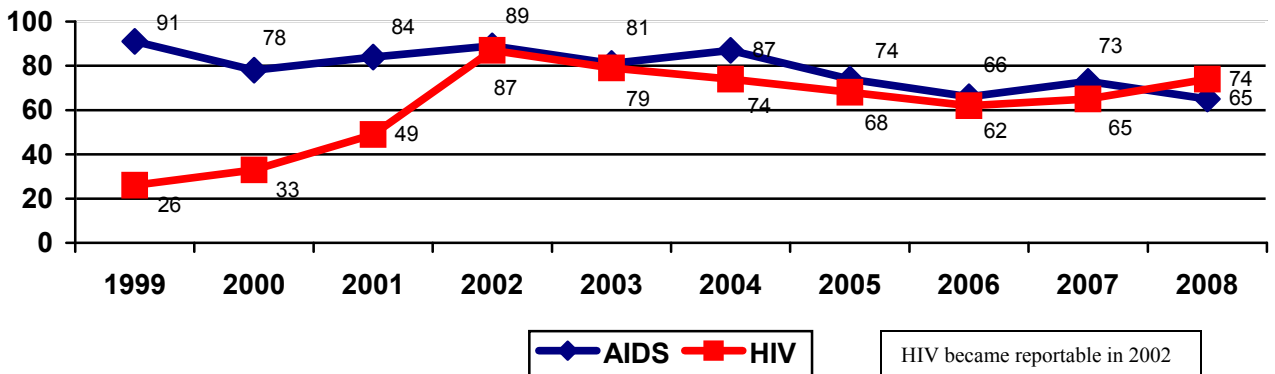
Increasing HIV/AIDS Diagnoses among MSM who are African American or Latino



Fewer HIV and AIDS Diagnoses Among Injection Drug Users (IDU)



Increasing New HIV Diagnoses, Fewer New AIDS Diagnoses



HIV Testing Services

Knowing your HIV status is the first step in selecting support services. People who do not know their HIV status can ask their medical provider for an HIV test or call the Contra Costa AIDS Program at 1- 800-287-0200 for an automated message and referral line with locations and times of public testing sites throughout the county or call 1-925-313-6771 to speak with AIDS Program staff during business hours. Testing information is also located at http://www.cchealth.org/services/hiv_aids/mobile_testing.php

HIV Negative Support Services

Contra Costa's HIV Prevention System of Care works to reduce the transmission of HIV by educating and empowering HIV negative individuals to make decisions that will help them remain HIV negative. If you are engaging in unprotected sex or sharing needles you are at risk for contracting HIV. Specific support services (risk reduction counseling) can help you remain HIV negative. Services are tailored for different populations. To learn more, contact the AIDS Program or one of the following agencies.

Specialty Group	Area	Phone Number	Agency
Men who have sex with men (MSM)	West County	510-412-5930	Familias Unidas
Men who have sex with men (MSM)	Central/East Co.	925-692-0091	Rainbow Community Center of CC
Substance users and MSM	West County	510-229-5009	Neighborhood House of N. Richmond
Youth/Adult	Countywide	925-676-0505	Planned Parenthood
Youth including LGBTQ	West County	510-374-3401	RYSE Center
Youth including LGBTQ	Central/East Co.	925-753-1004	Center for Human Development

Referrals for HIV Positive Support Services

The AIDS Program's Intake Coordinator serves as a centralized source of information and referral for HIV positive people. Clients are referred to community-based organizations and within the Health Department for services including: nurse case management, housing assistance, substance use and mental health services, emergency assistance, women's services, Prevention with Positives for positive individuals who want support in maintaining a healthy lifestyle, Partner Counseling and Referral Services (PCRS) for individuals needing help disclosing their status to others, transportation assistance, help with medical appointments, home care, food assistance and meals, certification for enrollment in the AIDS Drug Assistance Program, and others. Contact 925-313-6781 for more information. All voice mail is confidential.

Contra Costa Regional Medical Center physicians should use the MR 191 Form (AMBULATORY CARE CONSULTATION REQUEST) to refer patients to the AIDS Program. Confidential FAX: 925-313-6798.

Reminder to Providers

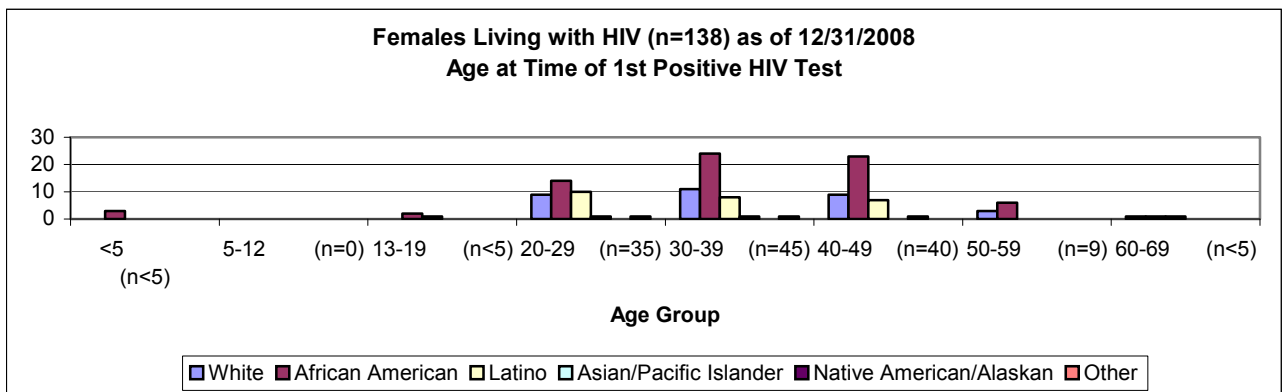
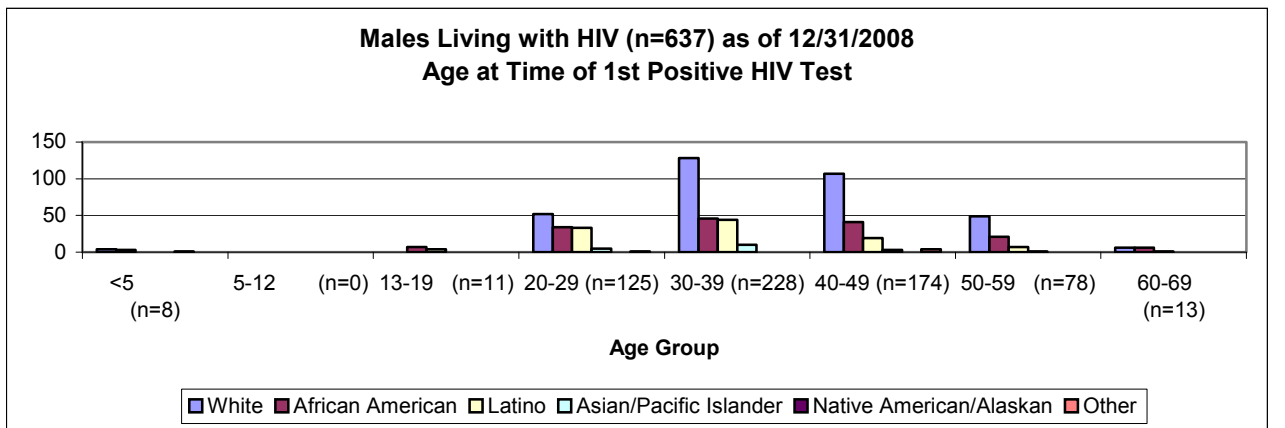
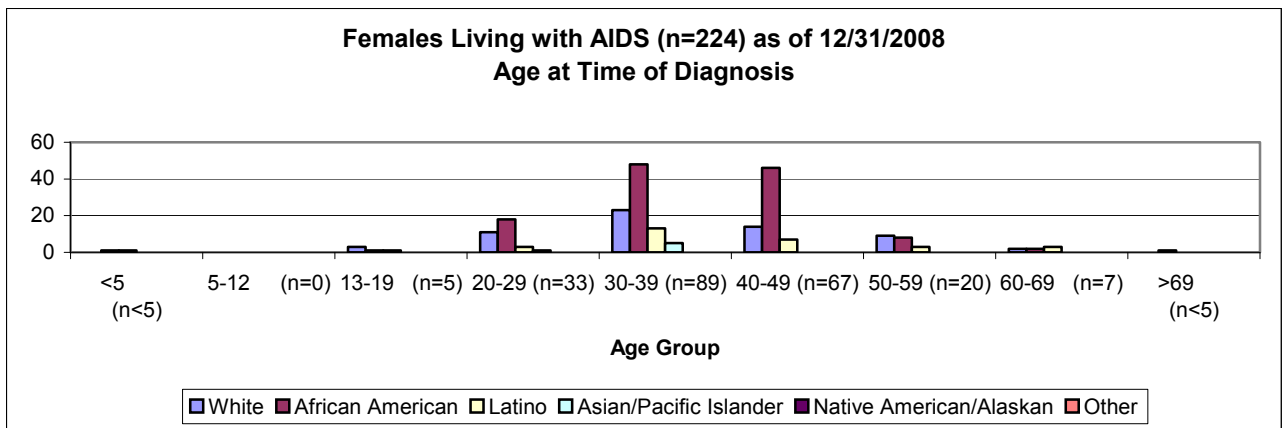
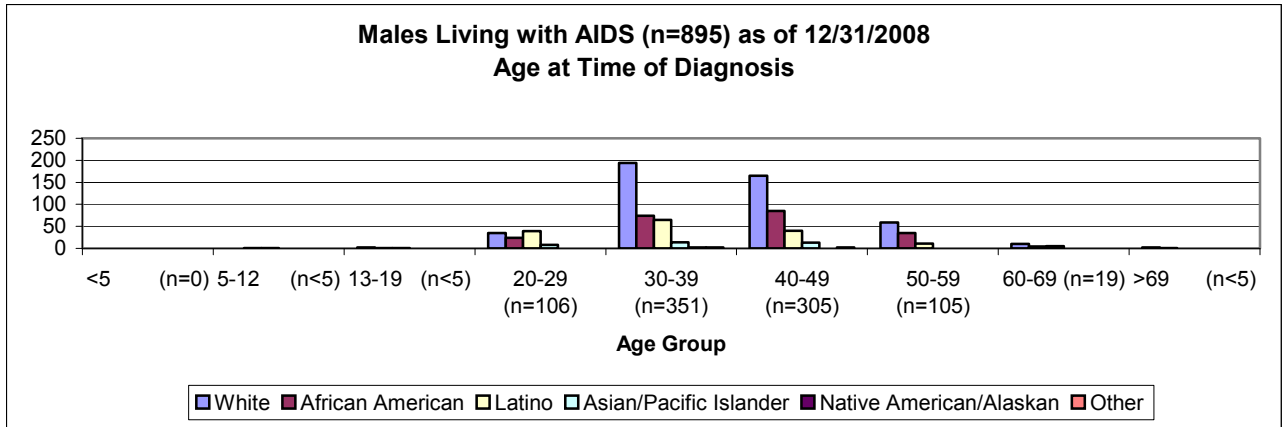
Providers seeing HIV positive patients for the first time are reminded to order a HIV antibody test for confirmation. A verbal history has not always been entirely accurate in the past. Providers are also encouraged to document patient risk. In particular it is helpful to document the risk factors of the partners of newly infected HIV persons. Risk information is very important for monitoring trends in HIV infection. All information reported to the Health Department is strictly confidential.

Occasionally, when reviewing medical charts, the surveillance unit has noticed that a patient may not have been informed of their positive HIV test result. Sometimes this can happen when a person is hospitalized briefly and then discharged before their result comes back from the lab. Our unit works with the provider to ensure that patients are informed of their positive test result so that they can access counseling and services.

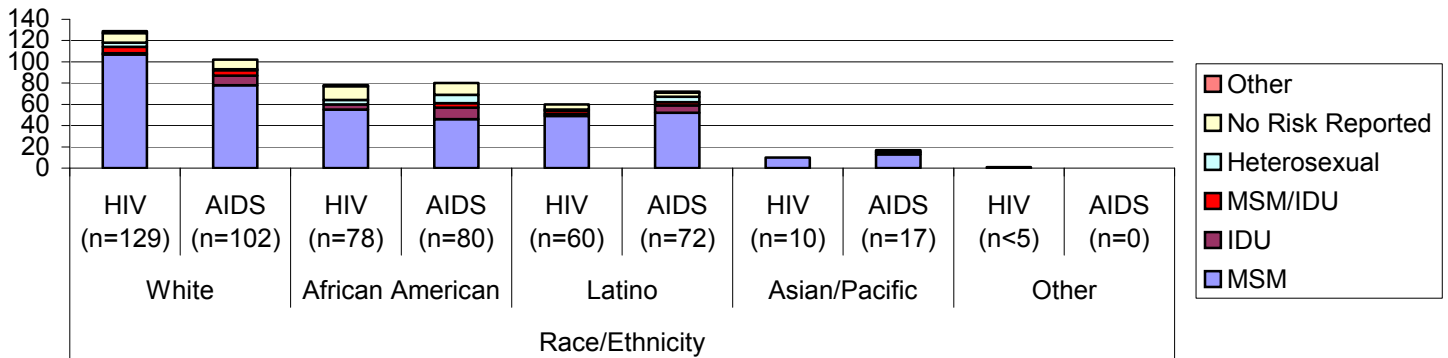
Active surveillance for HIV and AIDS also helps to ensure that patients are informed of their test results. We also encourage providers to review and strengthen their policies around patient test result notification.

Needle Exchange Services

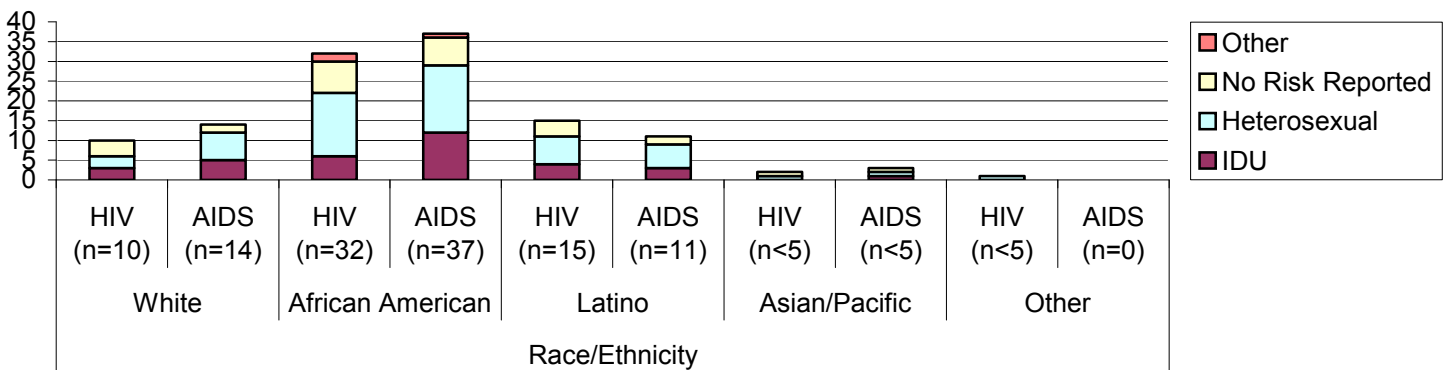
A high percentage of individuals in Contra Costa with HIV and/or Hepatitis C identify injection drug use as the source of their infection. Many of these individuals are women of childbearing age. To help reduce the transmission of HIV and Hepatitis C, the Contra Costa Board of Supervisors allows needle exchange services to operate in Contra Costa County, and has authorized registered pharmacies to dispense a limited number of syringes without a prescription. Exchange services operate on a weekly basis at several sites throughout the county. For more information call Community Health Empowerment at: (510) 236-8122 or the AIDS Program at: (925) 313-6771. **Hepatitis C testing** is also available to high-risk individuals accessing the mobile HIV testing van services. Contact the AIDS Program or see our website (www.cchealth.org) for test schedules. Pharmacies registered to dispense syringes include Longs/CVS, RiteAid, and Walgreens.



Males Living with HIV (n=278) or AIDS (n=271) who were Diagnosed in the Past 5 Years (1/1/04 - 12/31/08)



Females Living with HIV (n=60) or AIDS (n=65) who were Diagnosed in the Past 5 Years (1/1/04 - 12/31/08)



Partner Services (PS)

The Epidemiology, Surveillance and Health Data Unit provides partner notification services. These services include counseling to HIV positive persons about partner disclosure, coaching clients on how to tell their partners themselves, how to notify them with support from the health department, and how to **notify selected partners anonymously**. If a health care provider would like to refer an HIV positive client for PS, the provider can call Denise Root at (925) 313-6793.

CDC recommends incorporating HIV testing as a routine part of care in traditional medical settings

HIV Related Services Provided in Contra Costa County

During the period of **January 1, 2008, through December 31, 2008**, the following partial list of services have been reported by community-based organizations and agencies serving people with HIV/AIDS in Contra Costa County. Data is not available from additional organizations and individuals assisting those affected by the epidemic but not funded by the AIDS Program:

252	people received early intervention clinical care services
171	people received transportation and/or gasoline to attend health and support services
52	people received transportation van services
123	people received food vouchers
230	people received 2,973 bags of groceries
16	people received home delivered meals
109	people received emergency financial assistance to pay for utilities and other bills
602	people received case management services
38	people received services at a day support center in Richmond
52	people received counseling to assist them in applying for benefits
143	people received housing advocacy assistance
25	people received 3,575 hours of home care so that they could remain in their homes
112	people received HIV-related legal services
96	people received outreach to keep them in medical care

Who is Receiving Services in Contra Costa County

In the twelve month period **January 1, 2008, through December 31, 2008**, demographic data was collected from **670** individuals (unduplicated) who received services from agencies/programs funded by the federal government under Ryan White CARE Act and Housing Opportunities for People with AIDS (HOPWA).

HIV/AIDS Status

	n	%
AIDS	368	57.3
Disabling HIV	10	1.6
Non-Disabling HIV	264	41.1

Primary Language

	n	%
English <i>(n=642)</i>	503	78.4
Spanish	71	11.1
Other	9	1.4
Unknown	59	9.2

Gender

	n	%
Male <i>(n=670)</i>	455	67.9
Female	207	30.9
Other/Unknown	8	1.2

Current Living Situation

	n
Homeless in emergency shelter	7
Homeless on streets	24
Hospital or medical facility	1
Jail/prison	2
Living with friends/relatives	151
Owned Housing	41
Rental Housing	372
Substance abuse treatment facility	10
Transitional Housing	3
Assisted Living	2
Other/Unknown	29

Mode of Transmission

	n
Men having sex with men <i>(some clients claim more than one risk)</i>	222
MSM/IDU	12
Injection drug user	86
Blood product recipient	10
Heterosexual contact	208
Pediatric	8
Other/Unknown	96

Income

	n	%
No Income <i>(n=642)</i>	168	26.2
Less than \$600 per month	45	7.0
Between \$601 and \$900 per month	165	25.7
Between \$901 and \$1200 per month	84	13.1
Over \$1200 per month	162	25.2
Unknown	18	2.8

Race/Ethnicity

	n	%
White <i>(n=670)</i>	187	27.9
African American	282	42.1
Latino	151	22.5
Asian/Pacific Islander	16	2.4
Native American	2	0.3
Other/Unknown	32	4.8

People who are immunocompromised with HIV/AIDS are a high priority group for seasonal influenza vaccine, as well as for H1N1 (swine) flu vaccine when it becomes available.

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ADDRESS CORRECTION REQUESTED