



Iowa Department of Public Health Advancing Health Through the Generations

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Director

Surveillance Program
515-242-5150

Date: November 4, 2005
To: HIV/AIDS Surveillance Group
From: Randy Mayer, Surveillance Program Manager
Re: 2005 Quarter 3 HIV/AIDS Surveillance Report

This quarter, we received reports for 26 HIV diagnoses. So far this year, there have been 79 HIV diagnoses reported, exactly the same as this time last year. Thirty-five percent received concurrent AIDS diagnoses.

There were 57 AIDS diagnoses in the first three quarters of 2005, 20% higher than what we saw at this time last year. Nearly half (47%) of these were persons who had been diagnosed with HIV for at least one year (fifteen years for two persons), and the rest received concurrent HIV and AIDS diagnoses.

In surveillance news, Illinois, Maine, and Philadelphia have announced that they will begin HIV reporting by name on January 1, 2006. Currently they use code or name-to-code systems to report new diagnoses of HIV. The Centers for Disease Control and Prevention do not accept information from areas that report HIV cases by code, so no national surveillance data are available for HIV diagnoses. For this reason, Ryan White CARE Act funds cannot be appropriated according to the number of persons living with HIV. Instead, funds are distributed according to the number of AIDS cases reported to surveillance systems. These data are not representative of current trends in the epidemic and may be rewarding areas for having poorer health care systems.

In the 2000 reauthorization of the CARE Act, Congress required cases of HIV to be incorporated into the funding formula no later than the beginning of FY2007. States that use a code system to report HIV cases stand to lose their care funding if they do not adopt a name-based approach by then.

There remain 12 states and the cities of Philadelphia and the District of Columbia that use a code or name-to-code reporting system for HIV surveillance purposes. The states include California, Delaware, Hawaii, Illinois, Maine, Maryland, Massachusetts, Montana, Oregon, Rhode Island, Vermont, and Washington. Many are reported to be working on switching to name-based reporting.

More on this as it develops. As always, comments are welcome. Please email me at rmayer@idph.state.ia.us

Promoting and protecting the health of Iowans



Iowa Department of Public Health

State of Iowa HIV and AIDS Surveillance Report

September 30, 2005

HIV and AIDS by Gender, Age at Diagnosis, Race/Ethnicity, and Origin

	HIV Diagnoses ¹		AIDS Diagnoses ²		Living HIV and AIDS Cases ³
	Jan - Sep 2005	2004	Jan - Sep 2005	2004	
	# (%)	# (%)	# (%)	# (%)	# (%)
Gender					
Male	63 (80)	78 (74)	41 (72)	50 (72)	1037 (79)
Female	16 (20)	28 (26)	16 (28)	19 (28)	275 (21)
Age at Diagnosis⁴					
Under 5	0 --	0 --	0 --	0 --	7 (1)
5-12	0 --	0 --	0 --	0 --	5 --
13-19	5 (6)	4 (4)	1 --	1 --	25 (2)
20-29	20 (25)	26 (25)	7 (12)	12 (17)	311 (24)
30-39	21 (27)	30 (28)	16 (28)	20 (29)	527 (40)
40-49	23 (29)	29 (27)	21 (37)	24 (35)	323 (25)
Over 49	10 (13)	17 (16)	12 (21)	12 (17)	114 (9)
Race and Ethnicity					
White, Not Hispanic	52 (66)	69 (65)	34 (60)	45 (65)	926 (71)
Black, Not Hispanic	17 (22)	24 (23)	17 (30)	16 (23)	253 (19)
Hispanic, all races	7 (9)	12 (11)	5 (9)	8 (12)	109 (8)
Asian/ Pacific Islander	2 --	1 --	0 --	0 --	15 (1)
American Indian/Alaska Native	1 --	0 --	1 --	0 --	6 --
Multiple races	0 --	0 --	0 --	0 --	3 --
Country of Origin					
United States or dependency	63 (80)	88 (83)	50 (88)	59 (86)	1,145 (87)
Other	16 (20)	18 (17)	7 (12)	10 (14)	167 (13)
Total	79	106	57	69	1,312

¹ HIV Diagnoses reflect all cases of HIV infection diagnosed for the first time, regardless of AIDS status. Some may also be counted as AIDS cases, if they received an AIDS diagnosis during the same period of time.

² AIDS Diagnoses reflect all residents of Iowa who first met the criteria for AIDS in that time period, regardless of when the case was reported to the state.

³ Reflects persons diagnosed with HIV or AIDS as a resident of Iowa and who were living on September 30, 2005. All deaths may not have been reported.

⁴ Patients reported as adolescents or adults may have had pediatric exposures. These persons will be categorized as adult/adolescent at time of diagnosis, but are listed under pediatric exposures on page 2.

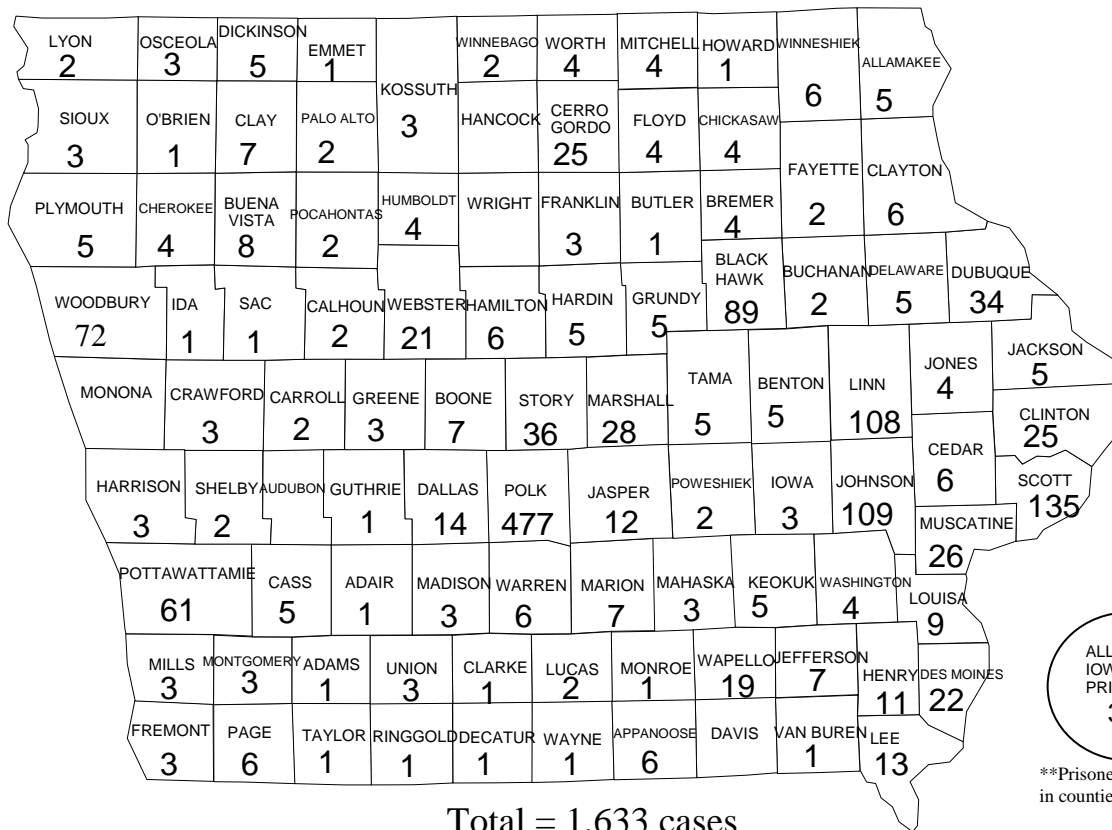
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 Bureau of Disease Prevention and Immunization
 321 East 12th Street
 Des Moines, IA 50319-0075
 515-242-5150

See http://www.idph.state.ia.us/adper/hiv_aids_programs.asp#surveillance for a full epidemiological profile

HIV and AIDS by Exposure Category
Adult/Adolescent Cases and Pediatric (<13 yrs) Exposures⁴

	HIV Diagnoses ¹		AIDS Diagnoses ²		Living HIV and AIDS Cases ³	
	2005 # (%)	2004 # (%)	2005 # (%)	2004 # (%)	# (%)	# (%)
Adult/Adolescent Exposure – All Cases						
Men who have sex with men	26 (33)	45 (42)	25 (44)	27 (39)	639 (49)	
Injecting drug use	8 (10)	11 (10)	5 (9)	11 (16)	150 (12)	
Men who have sex with men and inject drugs	8 (10)	6 (6)	4 (7)	7 (10)	95 (7)	
Hemophilia/coagulation disorder	0 --	0 --	0 --	0 --	12 (1)	
Heterosexual contact	13 (16)	26 (25)	13 (23)	12 (17)	219 (17)	
Receipt of blood or tissue	1 --	0 --	0 --	0 --	22 (2)	
Risk not reported/other	23 (29)	18 (17)	10 (18)	12 (17)	159 (12)	
Total Adult/Adolescent Cases	79	106	57	69	1,296	
Pediatric Exposure – All Cases						
Pediatric hemophilia/coag. dis.	0 --	0 --	0 --	0 --	5 (31)	
Mother with/at risk for HIV inf.	0 --	0 --	0 --	0 --	10 (63)	
Receipt of blood or tissue	0 --	0 --	0 --	0 --	1 --	
Risk not reported	0 --	0 --	0 --	0 --	0 --	
Total Pediatric Exposure Cases	0	0	0	0	16	
Adult/Adolescent Exposure – Males						
Men who have sex with men	26 (41)	45 (58)	25 (61)	27 (54)	639 (62)	
Injecting drug use	7 (11)	8 (10)	2 --	6 (12)	96 (9)	
Men who have sex with men and inject drugs	8 (13)	6 (8)	4 (10)	7 (14)	95 (9)	
Hemophilia/coagulation disorder	0 --	0 --	0 --	0 --	12 (1)	
Heterosexual contact	5 (8)	9 (12)	3 (7)	4 (8)	73 (7)	
Receipt of blood or tissue	1 --	0 --	0 --	0 --	13 (1)	
Risk not reported/other	16 (25)	10 (13)	7 (17)	6 (12)	98 (10)	
Total Adult/Adolescent Males	63	78	41	50	1,026	
Pediatric Exposure - Males						
Pediatric hemophilia/coag. dis.	0 --	0 --	0 --	0 --	5 (45)	
Mother with/at risk for HIV inf.	0 --	0 --	0 --	0 --	5 (45)	
Receipt of blood or tissue	0 --	0 --	0 --	0 --	1 --	
Risk not reported	0 --	0 --	0 --	0 --	0 --	
Total Pediatric Exposure Males	0	0	0	0	11	
Adult/Adolescent Exposure – Females						
Injecting drug use	1 --	3 (11)	3 (19)	5 (26)	54 (20)	
Hemophilia/coagulation disorder	0 --	0 --	0 --	0 --	0 --	
Heterosexual contact	8 (50)	17 (61)	10 (63)	8 (42)	146 (54)	
Receipt of blood or tissue	0 --	0 --	0 --	0 --	9 (3)	
Risk not reported/other	7 (44)	8 (29)	3 (19)	6 (32)	61 (23)	
Total Adult/Adolescent Females	16	28	16	19	270	
Pediatric Exposure - Females						
Pediatric hemophilia/coag. dis.	0 --	0 --	0 --	0 --	0 --	
Mother with/at risk for HIV inf.	0 --	0 --	0 --	0 --	5 (100)	
Receipt of blood or tissue	0 --	0 --	0 --	0 --	0 --	
Risk not reported	0 --	0 --	0 --	0 --	0 --	
Total Pediatric Exposure Females	0	0	0	0	5	

Cumulative AIDS Cases February 1983 – September 30, 2005 by County of Residence at Time of Diagnosis



Total = 1,633 cases

Year	HIV		AIDS	
	Diagnoses ¹	Deaths	Diagnoses	Deaths
1982	--		1	1
1983	--		1	1
1984	--		7	3
1985	--		24	8
1986	--		23	16
1987	--		46	23
1988	--		49	22
1989	--		68	36
1990	--		75	38
1991	--		118	78
1992	--		156	69
1993	--	1	104	78
1994	--	0	110	85
1995	--	1	104	102
1996	--	1	97	65
1997	--	0	76	28
1998	--	1	60	16
1999	88	2	78	20
2000	95	2	79	28
2001	99	2	80	29
2002	108	2	75	30
2003	92	4	76	26
2004	106	0	69	25
2005*	79	1	57	13
Total	--	17	1,633	840

- Movement between counties or other states, and deaths of persons with AIDS are not reflected in the map.
- **Prisoners were diagnosed in the following counties: Johnson (27), Lee (4), Jasper (3), Henry (1), Page (1), Polk (1), and Webster (1).**
- Deaths are not necessarily HIV related. HIV-infected persons who died before receiving a diagnosis of AIDS are indicated under **"HIV Deaths."**
- Map and table do not show 836 persons with AIDS who were diagnosed while the individual was residing in another state but who later moved to Iowa (509 persons) or who have received care in Iowa (327 persons) while residing elsewhere.

* Through September 30, 2005

¹ HIV Diagnoses reflect all cases of HIV infection diagnosed for the first time, regardless of AIDS status. Some may also be counted as AIDS cases, if they received an AIDS diagnosis during the same calendar year. HIV reporting by name began July 1, 1998.