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HIV in Prisons and Jails,

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At yearend 1995, 2.3% of all State and Federal prison inmates were reported by prison authorities to be infected with the human immunodeficiency virus (HIV). In State prisons 23,404 inmates were HIV positive (2.4% of the total), and in Federal prisons, 822 (0.9%). Of all inmates in U.S. prisons, 5,099 prisoners (0.5%) had confirmed AIDS, and 18,165 prisoners were HIV positive without having confirmed AIDS.

In 1995, 1,010 State inmates died of AIDS-related causes, up from 955 in 1994. For every 100,000 State inmates in 1995, 100 died of AIDSrelated causes. Between 1991 and 1995 about 1 in 3 inmate deaths were attributable to AIDS-related causes.

Based on personal interviews conducted from October 1995 through March 1996 in the Survey of Inmates in Local Jails, almost 6 in 10 jail inmates reported ever being tested for HIV. Of those tested, 2.2% reported being HIV positive. Among female inmates, 2.4% said they were HIV positive; among male inmates, 2.1%. An estimated 1.6% of tested jail inmates who said they never used drugs were HIV positive, as were 2.3% who ever used drugs, 3.0% who used drugs in the month before arrest, 4.0% who used needles to inject drugs, and 6.3% who shared needles.

Highlights

	HIV-positiv	HIV-positive State and			
	Federal pr	<u>ison inmates</u>			
	-	Percent of			
		custody			
<u>Year</u>	<u>Number</u>	population			
1991	17,551	2.2%			
1992	20,651	2.5			
1993	21,475	2.4			
1994	22,717	2.4			
1995	24,226	2.3			

- Between 1991 and 1995 the number of HIV-positive prisoners grew at about the same rate (38%) as the overall prison population (36%).
- At yearend 1995, 4.0% of all female State prison inmates were HIV positive, compared to 2.3% of male State prisoners.

HIV-positive prison inmates						
		Percent				
		of custody				
<u>Jurisdiction</u>	Number	<u>population</u>				
New York	9,500	13.9%				
Florida	2,193	3.4				
Texas	1,890	1.5				
California	1,042	.8				
New Jersey	847	3.7				
Georgia	828	2.4				
Federal system	n 822	.9				
Connecticut	755	5.1				
Maryland	724	3.4				

Based on jurisdictions with more than 700 HIVpositive inmates.

 New York held more than a third of all inmates (9,500 inmates) known to be HIV positive at yearend 1995.

- Of all HIV-positive prison inmates, 21% were confirmed AIDS cases. In State prisons, 21% of HIV-positive inmates had AIDS; in Federal prisons, 16%.
- The overall rate of confirmed AIDS among the Nation's prison population (0.51%) was more than 6 times the rate in the U.S. population (0.08%).
- Inmates in local jails, who have been tested for HIV, report similar HIV-infection rates:

All inmates		il inmates rted results Percent HIV positive 2.2%
7 til illillates	200,001	2.2 /0
Male Female	258,019 31,972	2.1 2.4
White Black Hispanic	110,023 125,259 45,759	1.4% 2.6 3.2
Age 24 or younger 25-34 35-44 45 or older	81,228 116,532 70,776 21,455	.7% 2.1 3.8 3.0

From the 1995-96 Survey of Inmates in Local Jails.

 Jail officials in the last national Census of Jails (conducted in 1993) reported that 6,711 inmates were known to be HIV positive and 1,888 had confirmed AIDS. The infection rate was highest in the largest jail jurisdictions.

Data sources

Data on HIV/AIDS for prison inmates were provided by the departments of corrections in 50 States and the District of Columbia and by the Federal Bureau of Prisons. Since 1991 respondents have reported their HIVtesting policies and the number of HIVinfected inmates in their custody at yearend. Those inmates are reported to be asymptomatic, symptomatic, or with confirmed AIDS. (See the guestionnaire items in figure 1, page 4.) Respondents have also reported for each year the number of inmate deaths from HIV-related infections as well as other causes.

Data on HIV/AIDS and demographics for jail inmates were calculated from the 1993 Census of Jails and the 1995-96 Survey of Inmates in Local Jails. Through personal interviews conducted from October 1995 through March 1996, inmates held in locally operated jails were questioned about current offenses, prior drug use and treatment, personal characteristics, and other aspects of their life. Questions on whether inmates had ever been tested for HIV and the results of the test were included in the interviews.

The 1993 Census of Jails provides the latest complete count of HIV-positive jail inmates and AIDS-related deaths as well as an overview of HIV testing policies in jail facilities. When combined with estimates from the 1995-96 survey of inmates, the jail census provides the most up-to date information available on HIV/AIDS in local jails.

Trends in HIV infection in U.S. prisons

At yearend 1995, 24,226 inmates in State and Federal prisons were known to be infected with the human immunodeficiency virus (HIV) (table 1). In 1993, 20,516 State prisoners were HIV positive; in 1995, 23,404 were HIV positive, a 14% increase. The Federal Bureau of Prisons held 959 HIV-positive inmates in 1993 and 822 in 1995, a 14% decrease.

Table 1. Inmates in custody of State or Federal prison authorities and known to be positive for the human immunodeficiency virus, 1993-95

	Total knowr	to be HIV	positive	HIV/AIDS of total cus		
Jurisdiction	1993	1994	1995	1993	1994	1995
U.S. total ^b	21,475	22,717	24,226	2.4	2.4	2.3
Federal	959	964	822	1.2	1.1	.9
State	20,516	21,753	23,404	2.6	2.5	2.4
Northeast	10,690	11,001	12,262	7.5	7.4	7.8
Connecticut	886	940	755	6.6	6.6	5.1
Maine Massachusetts	8 394	8 388	4 409	.6 3.9	.5 3.4	.3 3.9
New Hampshire	17	26	31	.9	1.3	1.5
New Jersey	881	770	847	4.4	3.6	3.7
New York	8,000	8,295	9,500	12.4 1.6	12.4 1.6	13.9
Pennsylvania Rhode Island	409 89	461 113	590 126	3.4	3.8	1.8 4.4
Vermont	6	0	0	.5	0	0
Midwest	1,671	1,750	1,667	1.1	1.1	.9
Illinois	591	600	583	1.7	1.6	1.5
Indiana		 25			 F	
lowa Kansas	11 39	25 20	20 24	.2 .7	.5 .3	.3 .3
Michigan	434	384	379	., 1.1	.9	.9
Minnesota	30	35	46	.7	.8	1.0
Missouri	136	146	173	.8	.8	.9
Nebraska North Dakota	17 2	16 3	19 2	.7 .3	.6 .5	.6 .3
Ohio	355	454	346	.9	1.1	.8
South Dakota		2	3		.1	.2
Wisconsin	56	65	72	.6	.6	.6
South	6,657	7,410	7,840	2.1	2.0	1.9
Alabama Arkansas	194 80	210 81	222 83	1.1 1.0	1.1 1.0	1.1 1.0
Delaware	113	34	122	2.7	.8	2.5
District of Columbia						
Florida	1,780 745	1,986 854	2,193	3.4 2.7	3.5 2.6	3.4 2.4
Georgia Kentucky	42	44	828 41	2.7 .5	2.6 .5	2.4 .4
Louisiana	262	285	314	1.6	1.8	1.8
Maryland	769	774	724	3.8	3.7	3.4
Mississippi North Carolina	118 485	119 521	138 526	1.4 2.2	1.2 2.2	1.4 1.9
Oklahoma	102	102	115	.8	.8	.8
South Carolina	452	434	380	2.7	2.5	2.0
Tennessee	88	89	120	.8	.7	.9
Texas Virginia	1,212 207	1,584 285	1,890 134	1.7 1.1	1.6 1.4	1.5 .6
West Virginia	8	8	10	.4	.4	.4
West	1,498	1,592	1,635	.8	.8	.8
Alaska			5			.2
Arizona	89 1,048	143	140	.5	.7 .8	.7 .8
California Colorado	74	1,055 79	1,042 93	.9 .8	.8 .9	.8 1.0
Hawaii	21	14	12	.7	.5	.4
Idaho	26	20	11	1.0	.8	.4
Montana Nevada	5 100	7 122	4 147	.3 1.6	.4 1.8	.2 1.9
New Mexico	110	19	24	.3	1.6 .5	.6
Oregon	29	24	29	.4	.3	.4
Utah	26	48	31	.9	1.5	.8
Washington Wyoming	63 6	55 6	92 5	.6 .5	.5 .6	.8 .4
vvyoninig	O	J	3	.5	.0	.~

⁻⁻Not reported.

^aThe custody population includes only those inmates housed in a jurisdiction's facilities.

bTotals exclude those inmates in jurisdictions that

did not report data on HIV/AIDS.

Between 1991 and 1995 the number of HIV-positive inmates grew at about the same rate as the overall prison population (38% compared to 36%). HIV-positive inmates comprised 2.3% of the State prison population in 1991 and 2.4% in 1995. In Federal prisons, HIV-positive inmates were 1.0% of all prisoners in 1991 and 0.9% in 1995.

Percent of custody population			
known to	be HIV-positive		
<u>State</u>	<u>Federal</u>		
2.3%	1.0%		
2.6	1.2		
2.6	1.2		
2.5	1.1		
2.4	.9		
	known to State 2.3% 2.6 2.6 2.5	known to be HIV-positive State Federal 2.3% 1.0% 2.6 1.2 2.6 1.2 2.5 1.1	

HIV-infected inmates are concentrated in a small number of States. New York and Florida house the largest number of HIV-positive inmates. In 1995 these two States held a little less than half of all HIV-positive inmates in the Nation. New York had the highest percentage of inmates known to be HIV positive (13.9%), followed by Connecticut (5.1%), Rhode Island (4.4%), Massachusetts (3.9%), and New Jersey (3.7%).

Eight States reported having 10 or fewer cases of HIV-positive inmates in their prisons. Vermont reported no HIV-positive inmates. Twenty-seven States reported that fewer than 1.0% of their inmate population were HIV positive.

New York reported the largest growth in the number of HIV-positive inmates, from 8,000 in 1993 to 9,500 in 1995. Substantial increases were also reported in Texas (an increase of 678 inmates) and Florida (413).

Table 2. Inmates in custody of State and Federal prison authorities, by type of HIV infection or confirmed AIDS, yearend 1995

, .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Cases of HIV or confirmed AIDS				AIDS cases	
-	Cas	Asympto-	Sympto-	Confirmed	as a perce	nt of — Custody
Jurisdiction	Total ^a	matic ^b	matic ^c	AIDS	cases	population
U.S. total	24,226	15,107	3,058	5,099	21.0%	.5%
Federal	822	118	570	134	16.3	.1
State	23,404	14,989	2,488	4,965	21.2	.5
Northeast	12,262	9,227	917	2,118	17.3%	1.4%
Connecticut	755	254	314	187	24.8	1.3
Maine Massachusetts	4 409	0 94	0 155	4 160	** 39.1	.3
New Hampshire	31	10	7	14	45.2	1.5 .7
New Jersey	847	504		343	40.5	1.5
New York	9,500	8,019	299	1,182	12.4	1.7
Pennsylvania	590	337	67	186	31.5	.6
Rhode Island Vermont	126 0	9	75 0	42 0	33.3	1.5 0
Vermont	U	U	U	U		O
Midwest	1,667	1,020	233	414	24.8%	.2%
Illinois	583	351	55	177	30.4	.5
Indiana Iowa	20	 15		 5	25.0	 .1
Kansas	24	18	0	6	25.0	.1
Michigan	379	272		107	28.2	.3
Minnesota	46	34	6	6	13.0	.1
Missouri Nebraska	173 19	 12	158	15 7	8.7 36.8	.1 .2
North Dakota	2	1	0	1	30.0 **	.2 .1
Ohio	346	270		76	22.0	.2
South Dakota	3	0	0	3	**	.2
Wisconsin	72	47	14	11	15.3	.1
South	7,840	3,810	1,138	1,930	24.6%	.5%
Alabama	222	180		42	18.9	.2
Arkansas Delaware	83 122	40 80	20	23 42	27.7 34.4	.3 .9
District of Columbia	122			42	34.4 	.9
Florida	2,193	1,501		692	31.6	1.1
Georgia ^a	828					
Kentucky	41	29	0	12	29.3	.1
Louisiana Maryland	314 724	362	228 104	86 258	27.4 35.6	.5 1.2
Mississippi	138	110		28	20.3	.3
North Carolina	526		397	129	24.5	.5
Oklahoma	115	107		8	7.0	.1
South Carolina Tennessee	380 120	299 	 86	81 34	21.3 28.3	.4 .3
Texas	1,890	1,092	303	495	26.2	.4
Virginia ^a	134	,				
West Virginia	10	10	0	0	**	0
West	1,635	932	200	503	30.8%	.2%
Alaska	5	0	0	5	**	.2
Arizona	140	125		15	10.7	.1
California	1,042	577	80	385	36.9	.3 .2
Colorado Hawaii	93 12	28 11	46 0	19 1	20.4 8.3	.2 ‡
Idaho	11	6	0	5	45.5	.2
Montana	4	4	0	0	**	0
Nevada	147	90	27	30	20.4	.4
New Mexico Oregon	24 29	22 11	0 11	2 7	8.3 24.1	‡ .1
Utah	31	21	4	6	19.4	.2
Washington	92	36	28	28	30.4	.2
Wyoming	5	1	4	0	**	0

Note: Totals and percentages exclude inmates in jurisdictions that did not report data on type of HIV/AIDS infection. The custody population includes only inmates housed at the end of 1995. --Not reported.

^{**}Not calculated for fewer than 10 cases.

[±]Less than 0.05%.

^{*}Georgia and Virginia reported the total of HIV-positive cases but not the stage of HIV infection. Includes inmates who tested positive for the HIV antibody but had no HIV-related symptoms.

[°]Includes inmates with symptoms of HIV infection but without a confirmed AIDS diagnosis.

Table 3. Number of inmate deaths in State prisons, by cause, 1993-95

		1993	93 1994			1995
		Rate of death		Rate of death		Rate of death
Cause		per 100,000		per 100,000		per 100,000
of death	Number	inmates	Number	inmates	Number	inmates
Total	2,477	290	2,878	314	3,133	311
Illness/natural causes	1,188	139	1,393	152	1,569	156
AIDS	761	89	955	104	1,010	100
Suicide	145	17	155	17	160	16
Accident	38	4	33	4	48	5
Execution	37	4	30	3	56	5
By another person	84	10	68	7	86	9
Other/unspecified	224	26	244	27	204	20

Note: In each year some States did not report complete data on cause of death. To calculate the rate of death, the number of inmates under State jurisdiction on June 30 of each year was used as an approximation of the average population exposed to the risk of death during the year. Inmates in States that did not report data on inmate deaths were excluded in 1993 and 1994. All States reported data on inmate deaths in 1995.

Confirmed AIDS cases in U.S. prisons

At the end of 1995, 5,099 confirmed AIDS cases were in U.S. prisons -4.965 State inmates and 134 Federal inmates (table 2). Of the remaining HIV-positive inmates, 3,058 showed symptoms of HIV infection and 15,107 were asymptomatic.

The number of prison inmates with confirmed AIDS more than tripled after 1991. The number of inmates with lesser or no symptoms of HIV infection grew by 15%.

	Other than
Confirmed	confirmed
AIDS cases	AIDS cases
1,682	15,797
2,644	18,087
3,765	17,773
4,849	17,864
5,099	18,165
	AIDS cases 1,682 2,644 3,765 4,849

Note: Care should be exercised when comparing the number of reported cases over time. In January 1993 the Centers for Disease Control and Prevention revised the HIV classification system and expanded the surveillance case definition for AIDS to include specific CD4+ Tlymphocyte criteria and three additional clinical conditions - pulmonary tuberculosis, recurrent pneumonia, and invasive cervical cancer. This expansion resulted in a substantial increase in the number of reported AIDS cases during 1993. See Methodology.

The States with the largest number of confirmed AIDS cases were New York (1,182), Florida (692), and Texas (495), which accounted for 48% of all confirmed AIDS cases in State prisons. Eighteen States reported having fewer than 10 inmates with confirmed AIDS in their prison systems.

Confirmed AIDS cases comprised a half of one percent of all inmates in State and Federal prisons. Of those HIV-positive inmates in prison, about a fifth were confirmed AIDS cases.

As a percentage of the total prison population in each State, the highest number of confirmed AIDS cases was in New York (1.7% of inmates in the State), followed by Massachusetts, New Jersey, and Rhode Island (each 1.5%). In 16 States, confirmed AIDS cases comprised 0.1% or less of State inmates.

Comparison to the U.S. resident population

At the end of 1995, the rate of confirmed AIDS in State and Federal prisons was more than 6 times higher than in the total U.S. population. Approximately 0.51% of all prisoners had confirmed AIDS, compared to 0.08% of the U.S. population.

Percent of population with confirmed AIDS Inmates in general State and Year population Federal prisons 0.21% 1991 0.03% 1992 0.03 0.33 1993 0.06 0.50 1994 0.07 0.52 1995 0.08 0.51

Note: The percent of the general population with confirmed AIDS in each year may be overestimated due to delays in death reports. Care should be exercised when comparing percentages over time, because of changes in the case definition for AIDS. See Methodology.

10. HIV testing, Jan. 1- Dec. 31, 1995	a. During 1995 were any inmates tested for the antibody to the Human Immunodeficiency Virus (HIV) that causes AIDS?	1 Yes 2 No	- Skip to	item 11
	<pre>b. Which inmates were tested during 1995? Mark (X) all that apply.</pre>	2 \square All custody 3 \square All release	inmates a	urrently in t time of
	c. Who were the certain inmates tested? Mark (X) all that apply.	ify 2 Upo 3 Upo of need 4 Upo incident 5 Ran	_ n inmate r	indication ent in
11. HIV infection/ AIDS cases in custody on Dec.	a. Inmates who were asymptomatic HIV positive b. Inmates with lesser forms of symptomatic HIV disease	Total	Male	Female
31, 1995	c. Inmates with confirmed AIDS			
Fig. 1	d. Total number of inmates who were HIV positive or confirmed AIDS cases (Sum of items 11a, b, and c)			

Fig. 1

Table 4. AIDS-related deaths of sentenced prisoners under State jurisdiction, 1995

In every year after 1991 the rate of confirmed AIDS was significantly higher among prison inmates than in the general population. In 1992 the rate of AIDS was nearly 10 times higher for prisoners than the general population. In 1993, following a revision of the HIV classification system and an expansion of the case definition for AIDS, the rate of confirmed AIDS increased 1½ times among prisoners and doubled in the general population. After the adoption of these new measures, the incidence of AIDS grew somewhat faster in the general population (from 0.06% in 1993 to 0.08% in 1995) than in prison (from 0.50% to 0.51%). At yearend 1995, the rate of confirmed AIDS was over 6 times higher in prisons than in the general population.

AIDS-related deaths in State prisons

In 1995, 1,010 State inmates died of Pneumocystis carinii pneumonia, Kaposi's sarcoma, or other AIDS-related diseases (table 3). These AIDSrelated deaths comprised about a third of all deaths of State prisoners.

	AIDS-related deaths						
	as a percent o	as a percent of all deaths					
	U.S. general	State					
	population,	prison					
<u>Year</u>	age 15-54*	<u>inmates</u>					
1991	10.4%	28.0%					
1992	11.7	35.2					
1993	11.9	33.2					
1994	12.7	35.1					
1995		34.2					

⁻⁻Not available.

The rate of death because of AIDS is about 3 times higher in the prison population than in the total U.S. population age 15 to 54. Between 1991 and 1995 about 1 in every 3 prisoner deaths were attributable to AIDSrelated causes, compared to about 1 in 10 deaths in the general population.

From 1991 to 1995 "AIDS-related causes" was the second leading cause of death for State prisoners behind "illness and natural causes." For every 100,000 State inmates in 1995, 109 died of AIDS-related causes (table 4). The number of AIDS-related deaths in prison increased 94% from 1991 to 1995.

⁻⁻Not reported.

^{**}Not calculated for fewer than 10 deaths.

^aBased on the number of inmates under State jurisdiction on June 30, 1995.

^bNational and regional totals exclude inmates in jurisdictions that did not report data on cause of death.

^{*}See Methodology for source of data.

In 1995 AIDS-related causes accounted for over half of all inmate deaths in New York (65%), Florida (59%), Connecticut (57%), and South

Carolina (54%). Seventeen States reported having no AIDS-related deaths, and 4 States reported only 1 AIDSrelated death.

Table 5. State prison inmates known to be positive for the human immunodeficiency virus, by sex, yearend 1995

	Male H	HIV cases	Female	HIV cases
Jurisdiction	Number	Percent of population	Number	Percent of population
Total	20,690	2.3%	2,182	4.0%
Northeast Connecticut Maine Massachusetts New Hampshire New Jersey New York Pennsylvania Rhode Island Vermont	11,080 627 4 340 17 748 8,678 561 105 0	7.5% 4.6 .3 3.5 .9 3.4 13.4 1.8 3.9	1,182 128 0 69 14 99 822 29 21	14.7% 13.4 0 10.5 11.4 9.8 22.7 2.0 14.5
Midwest Illinois Indiana Iowa Kansas Michigan Minnesota Missouri Nebraska North Dakota Ohio South Dakota Wisconsin	1,553 528 18 24 364 41 164 19 1 324 3 67	.9% 1.53 .4 .9 .9 .9 .7 .2 .8 .2 .6	114 55 2 0 15 5 9 0 1 22 0 5	1.2% 2.5 .5 0 .8 2.5 .8 0 2.7 .8 0
South Alabama Arkansas Delaware District of Columbia Florida Georgia Kentucky Louisiana Maryland Mississippi North Carolina Oklahoma South Carolina Tennessee Texas Virginia West Virginia	6,598 209 79 1,971 747 40 299 665 136 437 105 118 1,648 134	1.8% 1.1 1.0 3.3 2.3 .4 1.8 3.3 1.4 1.7 .89 1.4 .6 .4	740 13 4 222 81 1 15 59 2 89 10 2 242 0 0	3.2% 1.0 .7 6.1 4.0 .2 2.4 5.5 .3 5.3 .85 3.0 0
West Alaska Arizona California Colorado Hawaii Idaho Montana Nevada New Mexico Oregon Utah Washington Wyoming	1,459 5 128 957 87 12 11 4 93 23 25 29 81	.7% .2 .6 .8 1.0 .5 .4 .3 1.3 .6 .3 .8 .7 .3	146 0 12 85 6 0 0 24 1 4 2 11	1.0% 0 .8 .9 .8 0 0 0 4.6 .3 .9 .9

Note: The sex of inmates was not reported for 502 HIV cases. Totals exclude inmates in jurisdictions that did not report data on HIV/AIDS or sex of inmates. --Not reported.

HIV infection of male and female State inmates

At the end of 1995, there were 20,690 male and 2,182 female State inmates infected with HIV - 2.3% of all male and 4.0% of all female State inmates (table 5). The rate of HIV infection was higher for women than men in every region and in most States.

From 1991 to 1995 the number of male State inmates infected with HIV increased 28%, while the number of female inmates infected increased at a much faster rate — 88%.

	Number HIV	Percent of custody population in reporting
<u>Year</u>	<u>positive</u>	<u>States</u>
Males		
1991	16,150	2.2%
1992	18,266	2.6
1993	18,218	2.5
1994	19,762	2.4
1995	20,690	2.3
Percent		
change,		
1991-95*	28.1%	
Females		
1991	1,159	3.0%
1992	1,598	4.0
1993	1,796	4.2
1994	1,953	3.9
1995	2,182	4.0
Percent		
change,		
1991-95*	88.3%	

Note: Includes State inmates only. *In 1991 North Carolina, South Dakota, and the District of Columbia did not report data by sex. In 1995 Delaware, Indiana, South Carolina, and the District of Columbia did not report data by sex.

In five States, all in the Northeast, more than 10% of female inmates were known to be HIV positive — New York (22.7%), Rhode Island (14.5%), Connecticut (13.4%), New Hampshire (11.4%), and Massachusetts (10.5%). New York (13.4%) was the only State in which more than 10% of the male inmates were known to be infected with HIV.

HIV-testing policies

Each State, the District of Columbia, and the Federal Bureau of Prisons test their inmates for HIV based on certain criteria (table 6). Most jurisdictions (45 out of 52) test inmates if they have HIV-related symptoms or if the inmates request a test. Twenty-four States test inmates after they are involved in an incident, and 15 States test inmates who belong to specific "high-risk groups."

Sixteen States test all inmates who enter their facilities. Three of these States (Alabama, Missouri, and Nevada) and the Federal Bureau of Prisons test inmates upon their release.

Rhode Island, Utah, and Wyoming test all inmates currently in custody. Massachusetts, New York, and the Federal Bureau of Prisons test inmates selected at random.

Testing policy	Number of jurisdictions
Upon inmate request	40
Upon clinical indication of need	39
Upon involvement in an incident	24
All incoming inmates	16
High-risk groups	15
All inmates at time of release	4
Random sample	3
All inmates currently in custody	3

Note: Detail adds to more than 52 because a jurisdiction may have more than one policy.

		All inmate	es	-11:-4		Olivina	Involve-		
		In	Upon	High- risk		indica-	ment in	Random	
Jurisdiction	Entering	custody	release	group	request	tion	incident	sample	Oth
Federal									
Northeast				_	_	_			
Connecticut Maine				-	_	-			
Massachusetts					-				
New Hampshire					_	_			
New Jersey						-			
New York					-	-		_	
Pennsylvania				_	_	_	Ē	_	
Rhode Island					_	_	_		
Vermont						_			
Midwest									
Illinois									
Indiana				•					
Iowa									
Kansas							•		
Michigan							•		
Minnesota				•			•		
Missouri									
Nebraska									
North Dakota									
Ohio									
South Dakota									
Wisconsin									
South									
Alabama			-						
Arkansas				-					
Delaware							•		
District of Columbia				_	_	_	_		
Florida	_				-	_			
Georgia				_	_	_	_		
Kentucky					-	_			
Louisiana					_	_	_		
Maryland	_								
Mississippi						_			
North Carolina	_				-	-	-		-
Oklahoma	-					=	-		
South Carolina					-	_	-		
Tennessee Texas				-		_	-		
Virginia				_		_			
West Virginia					_	-			
Vest									
Alaska							•		
Arizona									
California					_	_	•		_
Colorado							•		
Hawaii									
Idaho									
Montana									
Nevada									
New Mexico									
Oregon							•		
Utah									
Washington									

HIV infection of local jail inmates

At midyear 1993, when the last national census of local jails was conducted, 1.8% of the inmates were known to be HIV positive. Among jails reporting data, a total of 6,711 inmates were HIV positive and 1.888 had confirmed AIDS.

	1993 Cens	sus of Jails
		HIV/AIDS as
Size of	Number	a percent of
<u>jurisdiction</u> ^a	HIV positive ^b	<u>jail inmates</u>
Total	6,711	1.8%
50 largest	3,926	2.9
500 or more	1,374	1.6
250-499	490	1.2
100-249	470	1.0
Fewer than 100	451	.8

^aBased on the average daily population between July 1, 1992, and June 30, 1993. ^bExcludes inmates in facilities that did not report data.

Source: HIV in Prisons and Jails, 1993.

The infection rate was highest in the largest jail jurisdictions. Almost 3% of the inmates in the Nation's largest jurisdictions were reported to be HIV positive. Among the remaining jurisdictions, the larger the size, the greater the percentage of inmates with HIV/ AIDS. In jurisdictions with 500 or more inmates, 1.6% were infected; in jurisdictions with 250 to 499 inmates, 1.2% of the inmates; and in jurisdictions holding fewer than 250 inmates, 1% or less of the inmates.

HIV test results for local jail inmates, by inmate characteristic

More detailed data, based on interviews of a national sample of inmates in local jails, are available from the 1995-96 Survey of Inmates in Local Jails. Conducted between October 1995 and March 1996, the survey provides national estimates of the numbers of jail inmates tested for HIV/AIDS and the percent HIV positive.

An estimated 62% of all respondents in the survey said they had ever been tested for HIV (table 7). Of those who had been tested and reported HIV test results (289,991), 2.2% said they were HIV positive. Among men, 2.1%

said they were HIV positive; among women, 2.4%. An estimated 2.6% of black non-Hispanic inmates, compared to 1.4% of white non-Hispanic inmates, said they tested HIV positive.

Among male inmates, black non-Hispanics (66%) were more likely to have been tested for HIV than white non-Hispanics (62%) and Hispanics (54%). Among those tested, black male inmates (2.5%) were nearly twice as likely as white male inmates (1.3%) to report being HIV positive.

Among female inmates, black non-Hispanics (75%) were also more likely to have ever been tested for HIV than white non-Hispanics (66%). Although the percent who said they were HIV positive was higher among black females than white or Hispanic female

inmates, the differences were not statistically significant. (See Methodology for sample design and accuracy of the survey methods.)

Inmates in the age groups 25 to 34 and 35 to 44 were more likely to report having been tested for HIV than inmates in other age groups. Inmates age 24 or younger had the lowest rates of HIV positive (0.7%), while those 35 to 44 had the highest rates (3.8%).

Inmates with a GED (69%) and those who completed high school (67%) were more likely to have ever been tested for HIV than inmates who had not completed high school (58%). Inmates who had completed high school were as likely as those who had not completed high school to say they tested HIV positive (2.3%).

Table 7. Local jail inmates ever tested for the human immunodeficiency virus and results, by selected characteristics, 1995-96

	1995-96 Surve	y of Local Jai	il Inmates
			inmates who
		reporte	d results
	Percent of all inmates	•	Percent who
Characteristics	who were ever tested	Number	were HIV positive
All inmates	61.5%	289,991	2.2%
Sex			
Male	62.1%	258,019	2.1%
Female	68.6	31,972	2.4
Race/Hispanic origin			
White non-Hispanic	62.4%	110,023	1.4%
Male	62.0	98,745	1.3
Female	65.7	11,278	2.1
Black non-Hispanic	67.2	125,259	2.6
Male	66.3	110,453	2.5
Female	74.5	14,806	3.2
Hispanic	55.1	45,759	3.2
Male	53.9	40,985	3.5
Female	67.6	4,774	1.3
Other	55.3	8,950	0
Age			
24 or younger	57.6%	81,228	.7%
25-34	66.9	116,532	2.1
35-44	64.4	70,776	3.8
45 or older	57.8	21,455	3.0
Marital status			
Married	62.3%	45,890	1.4%
Widowed/divorced	61.4	48,695	3.0
Separated	64.7	25,929	2.1
Never married	62.9	169,270	2.1
Education			
Less than high school	57.8%	121,589	2.3%
GED	68.8	45,431	1.3
High school graduate or more	66.5	122,597	2.3

Percent HIV positive among jail inmates, by offense and prior drug use

Among jail inmates who said they had been tested for HIV/AIDS, those held for drug offenses were the most likely to be HIV positive (3.3%). Drug offenders were twice as likely as violent offenders (1.5%) to report that they tested positive for HIV. Property and public-order offenders reported somewhat lower rates — 2.2% and 1.7%, respectively.

The percentage of jail inmates reporting that they were HIV positive varied by level of prior drug use. An estimated 2.3% of inmates who had ever used drugs, 3.0% of convicted inmates who used drugs in the month before their current offense, 4.0% of inmates who said they had used needles to inject drugs, and 6.3% of those who had shared a needle with someone else were HIV positive.

Methodology

National Prisoner Statistics

The National Prisoner Statistics series (NPS-1) includes an annual yearend count of prisoners by jurisdiction, sex, race. Hispanic origin, and admissions and releases during the year. The series consists of yearly reports to BJS from the departments of corrections of the 50 States and the District of Columbia and from the Federal Bureau of Prisons.

Since 1991 respondents have been asked to indicate their policies for testing for HIV and to provide the number of HIV-infected inmates in their custody on the last day of the calendar year. (See figure 1 on page 4.)

AIDS in the U.S. resident population

The number of persons with confirmed AIDS in the U.S. general population (age 13 and over) was derived from

the Centers for Disease Control and Prevention (CDC), HIV/AIDS Surveillance Report, yearend editions 1991-95. For each year the number of active AIDS cases in the United States was calculated by subtracting the number of cumulative AIDS deaths for people age 15 or older at vearend from the cumulative number of total AIDS cases for people age 13 or older at yearend as listed in the HIV/AIDS Surveillance Report.

The data for the U.S. general population, excluding persons under age 13, for 1991 to 1995 were taken from U.S. Population Estimates, by Age, Sex, Race, and Hispanic Origin: 1990 to 1995. Population Projections Branch. Population Division: U.S. Bureau of the Census, February 14, 1996, PPL-41.

The rate of confirmed AIDS cases in the U.S. resident population was calculated by dividing the annual totals for individuals with AIDS by the population estimates for the U.S. resident population of individuals age 13 or older.

The classification system for HIV infection and the case definition for AIDS were expanded in 1993. This expansion improved estimates of the number and characteristics of persons with HIV disease, but complicated interpretation of AIDS trends. The increase in reported AIDS cases in 1993 was largely the consequence of the added surveillance criteria. (See CDC, Morbidity and Mortality Weekly Report, Vol. 43. No. 45, November 18, 1994.)

AIDS-related deaths in the United States

The number of AIDS-related deaths for persons age 15-54 was derived from the CDC, HIV/AIDS Surveillance Report, yearend editions 1994 and 1995. Deaths in the U.S. population for persons age 15-54 were taken from the CDC, Monthly Vital Statistics Report, Vol. 42, No. 2(S); Vol. 43, No. 12; Vol. 43, No. 6(S); and Vol. 45, No. 3(S).

Table 8. Local jail inmates testing HIV positive, by offense and prior drug use, 1995-96

	1995	-96 Survey of Ir	nmates in Loc		
	All jail inmates			inmates who	
	•	Percent		Percent HIV	
Characteristic	Number	ever tested	Number	positive	
Current offense ^a					
Violent	130,583	61.5%	72,846	1.5%	
Property	133,513	66.3	79,936	2.2	
Drug	109,180	65.7	65,780	3.3	
Public-order	120,882	57.6	64,820	1.7	
Prior drug use⁵					
Never used	88,553	52.3%	42,242	1.6%	
Ever used	413,285	65.0	247,233	2.3	
Used month before offense ^c	172,840	67.4	107,900	3.0	
Used needle to inject drugs ^d	85,622	77.6	61,862	4.0	
Shared a needle	34,850	78.6	25,476	6.3	

^aExcludes jail inmates whose offense was unknown.

blnmates were asked a detailed set of questions about past use of illegal drugs. These drugs included marijuana, barbiturates, methaqualone, tranquilizers (without a doctor's prescription), methamphetamine, other amphetamines, crack, cocaine other than crack, heroin, other opiates, PCP, LSD, inhaled or sniffed substances, and other drugs.

Inmates who were unconvicted (awaiting arraignment, awaiting trial or on trial) were not asked any questions about drug use during the month before the arrest for which they were currently detained.

dAll inmates who reported prior drug use were asked: "Have you ever used a needle to get any drug injected under your skin, into a muscle or into a vein for non-medical reasons?' elnmates who reported ever using a needle to inject drugs were asked: "Have you ever used a needle that you knew or suspected had been used by someone else for injecting drugs or shared a needle that you had used with someone else?

AIDS-related deaths as a percentage of all deaths in the U.S. population were calculated by dividing the national estimate of AIDS deaths of persons age 15-54 by the national mortality estimates of persons age 15-54 in a given year.

Data on jail inmates

A jail is defined as a confinement facility administered by a local government agency that holds persons detained pending adjudication and persons committed after adjudication, usually for sentences of a year or less. Convicted jail inmates are either awaiting sentencing, serving sentences to jail confinement, awaiting transfer to a prison, or serving a prison sentence in jail by arrangement with prison authorities. Unconvicted inmates are those who have been unable to obtain pretrial release, those detained pending trial, those on trial at the time the survey was being conducted, and those held for other governmental entities.

Census of Jails

The 1993 Census of Jails included all locally administered confinement facilities (3,287) that held inmates beyond arraignment and were staffed by municipal or county employees. The census also included 17 jails that were privately operated under contract for local governments.

Excluded from the census were temporary holding facilities, such as drunk tanks and police lockups, that do not hold persons after being formally charged in court (usually within 72 hours of arrest). Also excluded were State-operated facilities in Alaska, Connecticut, Delaware, Hawaii, Rhode Island, and Vermont, which have combined jail-prison systems.

Survey of Inmates in Local Jails

The 1995-96 Survey of Inmates in Local Jails was conducted for BJS by the U.S. Bureau of the Census. Through personal interviews conducted from October 1995 through March 1996, data were collected on individual characteristics of jail inmates, current offenses, sentences and time served. criminal histories, jail activities, conditions and programs, prior drug and alcohol use and treatment, and health care services provided while in jail. Similar surveys of jail inmates were conducted in 1972, 1978, 1983, and 1989.

Appendix table. Standard error estimates for the Survey of Inmates in Local Jails, 1995-96

	Estimated standard error			
Characteristic	Percent of all inmates who were ever tested	Percent who were HIV positive		
Sex				
Male	0.94%	0.33%		
Female	1.66	0.44		
Race/Hispanic origin				
White non-Hispanic	1.35%	0.38%		
Male	1.45	0.41		
Female	2.37	0.68		
Black non-Hispanic	1.21	0.47		
Male	1.30	0.53		
Female	2.06	0.74		
Hispanic	1.79	0.98		
Male	1.93	1.09		
Female	3.03	0.76		
Age				
24 or younger	1.48%	0.30%		
25-34	1.21	0.42		
35-44	1.57	0.85		
45 or older	2.68	1.13		
Marital status				
Married	1.97%	0.58%		
Widowed/divorced	1.90	0.56%		
Separated	2.34	0.97		
Never married	1.06	0.38		
	1.00	0.30		
Education	4.000/	0.470/		
Less than high school	1.29%	0.47%		
GED	2.02	0.46		
High school graduate or more	1.20	0.49		
Current offense				
Violent	1.69%	0.49%		
Property	1.47	0.52		
Drug	1.58	0.79		
Public-order	1.75	0.66		
Prior drug use				
Never used	1.88%	0.62%		
Ever used	0.93	0.33		
Used in month before offense	1.28	0.58		
Used needle to inject drugs	1.57	0.85		
Shared a needle	2.49	1.71		

Sample design

The sample for the 1995-96 survey was selected from a universe of 3,328 jails that were enumerated in the 1993 Census of Jails. The sample design was a stratified two-stage selection. In the first stage six separate strata were formed based on the size of the male and female populations. In two strata all jails were selected — those jails housing only females, and those with either more than 1,000 males or more than 50 females or both. In the remaining four strata a systematic sample of jails was selected. Each jail within a stratum had an equal probability of selection. Equal probabilities were used instead of probability proportional to size because jail populations were likely to change between 1993 and 1995. Overall, 462 jails were selected. Interviews were conducted in 431 jails; 19 refused, 8 were closed, and 4 were on the universe list in error.

In the second sampling stage, interviewers visited each selected facility and systematically selected a sample of male and female inmates using predetermined procedures. As a result, approximately 1 in every 100 males were selected in 4 strata and 1 in 83 in the other male stratum. Depending on the stratum, 1 in 50, 25, 24, or 21 females were selected. A total of 6.133 inmates were interviewed, and 738 refused to participate, for a second stage nonresponse of 10.8%. The total nonresponse from both stages was 13.7%.

Based on the completed interviews, estimates for the entire population were developed using weighting factors derived from the original probability of selection in the sample. These factors were adjusted for variable rates of nonresponse across strata and inmate characteristics. Further adjustments were made to control the survey estimates to counts of jail inmates obtained from the 1993 Census of Jails and the 1995 Annual Survey of Jails.

Accuracy of the survey estimates

The accuracy of the estimates from the 1995-96 Survey of Inmates in Local Jails depends on two types of error: sampling and nonsampling. Sampling error is variation that may occur by chance because a sample rather than a complete enumeration of the population was conducted. Nonsampling error can be attributed to many sources, such as nonresponse, differences in the interpretation of questions among inmates, recall difficulties, and processing errors. In any survey the full extent of the nonsampling error is never known.

The sampling error, as measured by an estimated standard error, varies by the size of the estimate and the size of the base population. Estimates for the percentage of inmates ever tested for HIV and the percentage who tested HIV positive have been calculated (see appendix table). These standard errors may be used to construct confidence intervals around percentages. For example, the 95-percent confidence interval around the percentage of males who were HIV positive is approximately 2.1% plus or minus 1.96 times 0.33% (or 1.5% to 2.7%).

These standard errors may also be used to test the statistical significance of the difference between two sample estimates by pooling the standard errors of the estimates (that is, by taking the square root of the sum of the squared standard errors for each sample estimate). All comparisons discussed in this report were statistically significant at the 95-percent confidence level.

Other reports on HIV/AIDS

HIV/AIDS-related data are collected through regularly scheduled BJS censuses and surveys of correctional agencies and offenders under correctional supervision. Annual publications provide only the most recently obtained information. See previous BJS reports for HIV/AIDS data in local jails

and HIV test results reported by State prisoners (HIV in U.S. Prisons and Jails. NCJ-143292: HIV in Prisons and Jails, 1993, NCJ-152765; and HIV in Prisons 1994, NCJ-158020).

The data published from the BJS collections complement those collected in surveys sponsored by the National Institute of Justice (NIJ) and the Centers for Disease Control and Prevention (CDC). The most recent report by Theodore M. Hammett and others, 1994 Update: HIV/AIDS and STDs in Correctional Facilities (December 1995, NCJ-156832), contains detailed reporting about the prevalence, testing, education, and prevention for HIV and AIDS in Federal, State, and 29 large city/county correctional systems. The 1994 update provides cumulative total inmate deaths by region, total current AIDS cases, and HIV-seroprevalence data by both jurisdiction and type of testing policy.

Currently, the NIJ and CDC are working on the ninth national survey of HIV/AIDS in Correctional Facilities. The survey sample will include the Federal Bureau of Prisons, all 50 State departments of corrections plus Puerto Rico, all 50 State-operated juvenile commitment facilities, 50 of the largest jail systems, 30 of the largest regionor county-based juvenile detention centers, 50 State health departments, and other public health agencies in the United States as identified by CDC. In addition, 50 adult correctional facilities and 50 juvenile facilities within the surveyed Federal, State, and regional/ county jail systems will be included in the survey sample to validate system responses related to policy issues.

The NIJ-CDC study will also collect information on the impact of infectious disease on correctional policy-related questions and related legal issues, prevalence of HIV/AIDS and TB, confirmed AIDS case rates, and AIDSrelated deaths among correctional populations.

The Bureau of Justice Statistics is the statistical agency of the U.S. Department of Justice. Jan M. Chaiken, Ph.D., is director.

BJS Bulletins present the first release of findings from permanent data collection programs such as the National Prisoner Statistics Program. State and Federal corrections officials have cooperated in reporting the data presented.

Laura Maruschak wrote this report, under the supervision of Allen J. Beck. Darrell Gilliard, Caroline Wolf Harlow, Valerie Tumminia, and Doris James Wilson provided statistical review. Tom Hester edited the report. Marilyn Marbrook, assisted by Yvonne Boston and Jayne Robinson, administered final production.

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Forthcoming

Profile of jail inmates, 1995-96, NCJ 164620 Characteristics of adults on probation, 1995, NCJ-164267 Census of State and Federal correctional facilities. 1996.NCJ 164266

Recent

Probation and parole 1996 (press release), NCJ 166364, 8/97, 8pp HIV in prisons and jails, 1995, NCJ-164260, 8/97, 11pp Prisoners in 1996, NCJ-164619, 6/97, 15pp

Correctional populations in the United States, 1995:

Full report, NCJ 163916, 6/97, 215pp

Executive summary, NCJ 163917, 7/97, 3pp

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