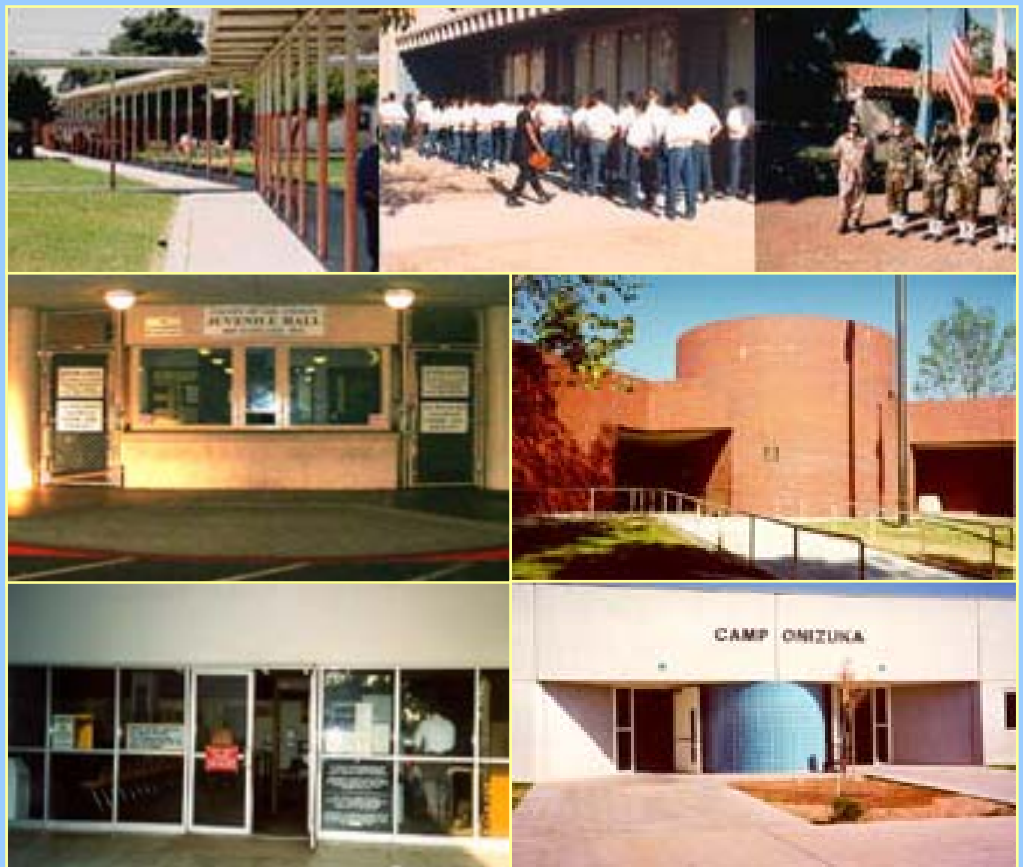


COUNTY OF LOS ANGELES DEPARTMENT OF HEALTH SERVICES **Public Health**

SEXUALLY TRANSMITTED DISEASE PROGRAM

STD Prevalence Monitoring and Expanded Chlamydia and Gonorrhea Screening in Los Angeles County Juvenile Hall Facilities

January 1 - December 31, 2004



2615 South Grand Avenue, Room 500
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November 15, 2005

Dear Colleague:

We are pleased to release the 2004 report, "STD Prevalence Monitoring and Expanded Chlamydia and Gonorrhea Screening in Los Angeles County Juvenile Hall Facilities." The Los Angeles County STD Program, in collaboration with the Los Angeles County Juvenile Court Health Services and the Los Angeles County Public Health Laboratory, has participated in the Centers for Disease Control and Prevention's Corrections STD Prevalence Monitoring Project since February 1997. This report summarizes the results of chlamydia and gonorrhea screening at Los Angeles County (LAC) juvenile halls from January 1, 2004 through December 31, 2004. The three detention facilities include Barry J. Nidorf, Central and Los Padrinos Juvenile Halls.

Rates of chlamydia and gonorrhea among detainees at LAC juvenile halls are among the highest of any group in the County. Incarcerated youth often have an earlier sexual debut, multiple sex partners, a history of sexual and physical abuse, have traded sex for drugs or money and engaged in other high-risk behaviors. These behaviors put them at significantly higher risk for STDs compared to non-incarcerated youth. In 2004, 1,458 (86% treated) cases of chlamydia, and 313 (81% treated) cases of gonorrhea were identified and treated at the three LAC juvenile detention facilities.

The STD Program has therefore made STD screening and treatment of these youth during their incarceration a top priority. Throughout 2004 universal screening for chlamydia and gonorrhea was routinely provided to all juvenile detainees upon admission to the facilities, and this project will continue in 2005. In addition, we will expand prevention efforts to reduce incidence of STDs and associated complications in this high-risk population.

Sincerely,

Peter R. Kerndt, MD, MPH
Director, Sexually Transmitted Disease Program



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INTRODUCTION

DISEASE REPORTING

Sexually transmitted infections caused by *Chlamydia trachomatis* and *Neisseria gonorrhoeae* are overwhelmingly diseases of adolescents and young adults. In 2003, approximately 9,763 cases of chlamydia were reported among adolescents ages 15 to 19 in Los Angeles County, 84% of which occurred in females. Adolescent cases accounted for nearly 30% of all reported chlamydia cases, although persons in this age group represent only 8% of the population. Because of the asymptomatic nature of chlamydia and gonorrhea, most infections go undetected, allowing the chain of infectious transmission to continue. Left untreated in girls and young women, chlamydia infection develops into pelvic inflammatory disease in 20% to 40% of cases, frequently leading to chronic pelvic pain, infertility, and ectopic pregnancy, a leading cause of maternal death. Recent research also shows that individuals infected with sexually transmitted diseases (STDs) have a three- to five-fold increased risk of acquiring HIV if exposed. Among adolescents, detainees in the juvenile custody system are at very high risk for chlamydia and gonorrhea infection. Incarcerated adolescents are more likely to have experienced earlier sexual debut, have multiple sex partners, and have engaged in survival sex or prostitution than non-incarcerated adolescents.

STD PREVALENCE MONITORING

The Los Angeles County STD Program, in collaboration with LA County Juvenile Court Health Services and the LA County Public Health Laboratory, has participated in the Centers for Disease Control's (CDC) Jail STD Prevalence Monitoring Project since February 1997. Funding is provided by CDC through the Los Angeles County Infertility Prevention Project. Throughout this project, our main goals have been to increase the level of chlamydia and gonorrhea screening of persons entering juvenile custody facilities and to assess the prevalence of STDs among this population using a standardized epidemiologic approach.

Prior to the implementation of the intake STD urine screening project, only about 5% of males and 54% of females were tested for chlamydia and gonorrhea. So few were tested because half of all detainees were unable to make their scheduled physical exam since they had been released, transferred to another facility, or were in court. Furthermore, boys who did receive their scheduled physical exams were not routinely screened for chlamydia or gonorrhea. Currently, data are being collected on all girls and boys admitted to each of the three County juvenile halls: Los Padrinos (LPJH), Barry J. Nidorf (BNJH) and Central (CJH). Thus, chlamydia and gonorrhea screening are being provided at all three LAC juvenile hall facilities.

Los Angeles County has the largest juvenile detention system in the United States. Adolescents from every corner of Los Angeles County are admitted on an ongoing basis to one of the three juvenile halls. Upon admission, all detainees are taken directly to the hall's infirmary where they go through a standard, general medical intake, including routine screening for syphilis. HIV testing may be performed at the patient's request. Juvenile detainees are scheduled to receive a complete physical examination where additional STD testing may occur. Currently, the intake STD urine screening project also provides all female and male detainees with routine screening for chlamydia and gonorrhea upon admission to a juvenile hall. Routine chlamydia screening using a highly accurate amplification-based assay began on all girls and a sample of boys admitted to LPJH in February 1997. In June 1999, routine chlamydia screening at intake was initiated on all boys admitted to CJH. During April 2000, screening was expanded to include all boys admitted to LPJH, instead of boys admitted during a two-week interval each

month. Then in September 2002, all boys admitted to BNJH began to receive chlamydia screening as well. Since September 2002, the Public Health Laboratory has been using the GenProbe Aptima 2 DNA amplification assay to analyze all urine specimens for chlamydia and gonorrhea. The Aptima 2 produces results for both chlamydia and gonorrhea simultaneously. Therefore, all specimens submitted are analyzed for gonorrhea as well as chlamydia. Data collected from those submitting specimens include basic demographic information and self-reported STD symptoms. In addition, results of chlamydia and gonorrhea tests and syphilis serology are collected, as are results for HIV serology, when available.

Table 1. Adolescents screened for chlamydia and/or gonorrhea at Central, Los Padrinos, and Barry J. Nidorf Juvenile Halls, January 1 - December 31, 2004

Characteristics	Total		1 st Quarter		2 nd Quarter		3 rd Quarter		4 th Quarter	
	N	%	N	%	N	%	N	%	N	%
All Halls	22,269	100.0	5,778	100.0	5,729	100.0	5,403	100.0	5,359	100.0
Male ^{1,2}										
10-13	644	3.7	177	3.9	179	4.0	149	3.6	139	3.3
14-16	8,124	46.3	2,070	45.6	2,089	46.4	2,001	46.9	1,964	46.1
17-19	8,721	49.6	2,273	50.1	2,218	49.2	2,095	49.1	2,135	50.2
20-23	71	0.4	16	0.4	19	0.4	18	0.4	18	0.4
Subtotal	17,560	100.0	4,536	100.0	4,505	100.0	4,263	100.0	4,256	100.0
Female ^{1,2}										
10-13	145	3.1	48	3.9	26	2.1	38	3.4	33	3.0
14-16	2,488	53.4	713	58.1	647	53.3	564	49.8	564	51.9
17-19	2,018	43.3	465	37.9	538	44.4	529	46.7	486	44.8
20-23	7	0.2	1	0.1	2	0.2	1	0.1	3	0.3
Subtotal	4,658	100.0	1,227	100.0	1,213	100.0	1,132	100.0	1,086	100.0
Ethnicity										
White	1,581	7.1	431	7.5	418	7.3	395	7.3	337	6.3
African American	6,250	28.1	1,606	27.8	1,596	27.9	1,560	28.9	1,488	27.8
American Indian/American Native	36	0.2	5	0.1	12	0.2	8	0.1	11	0.2
Asian/Pacific Islander	510	2.3	156	2.7	125	2.2	105	1.9	124	2.3
Other	53	0.2	11	0.2	18	0.3	12	0.2	12	0.2
Multi-racial	35	0.2	12	0.2	6	0.1	12	0.2	5	0.1
Undeclared	1,361	6.1	226	3.9	391	6.8	292	5.4	452	8.4
Hispanic	12,443	55.9	3,331	57.6	3,163	55.2	3,019	55.9	2,930	54.7
Facility										
Central	7,361	33.1	1,890	32.7	1,953	34.1	1,763	32.6	1,755	32.7
Los Padrinos	10,607	47.6	2,727	47.2	2,755	48.1	2,567	47.5	2,558	47.7
Barry J. Nidorf	4,301	19.3	1,161	20.1	1,021	17.8	1,073	19.9	1,046	19.5
Chlamydia Test Results										
Positive	1,458	6.5	339	5.9	397	6.9	326	6.0	396	7.4
Negative	20,067	90.1	5,296	91.7	5,149	89.9	4,898	90.7	4,724	88.2
Inconclusive	66	0.3	43	0.7	8	0.1	6	0.1	9	0.2
Rejected	204	0.9	32	0.6	63	1.1	71	1.3	38	0.7
Request credited/Not tested ³	474	2.1	68	1.2	112	2.0	102	1.9	192	3.6
Gonorrhea Test Results										
Positive	313	1.4	64	1.1	83	1.4	72	1.3	94	1.8
Negative	20,893	93.8	5,493	95.1	5,375	93.9	5,072	93.9	4,953	92.4
Inconclusive	43	0.2	34	0.6	4	0.1	1	0.0	4	0.1
Rejected	222	1.0	36	0.6	70	1.2	77	1.4	39	0.7
Not tested	798	3.6	151	2.6	197	3.4	181	3.3	269	5.0
Comorbidity (both chlamydia and gonorrhea positive)										
Yes	163	10.1	27	7.2	48	11.1	34	9.3	54	12.4
No	1,445	89.9	349	92.8	384	88.9	330	90.7	382	87.6

1,2: Total excludes 27 aged under 10 or older than 24 years; 24 of unknown age.

3: Includes 440 not tested; 34 request credited ("request credited" definition includes "No specimen received", "Duplicate request", "Order error", "Specimen rejected").

Table 2. Prevalence of chlamydia among adolescents screened at Central, Los Padrinos, and Barry J. Nidorf Juvenile Halls, January 1 - December 31, 2004

Characteristics	Total		1 st Quarter			2 nd Quarter			3 rd Quarter			4 th Quarter		
			Total	Positive	YTD	Total	Positive	YTD	Total	Positive	YTD	Total	Positive	YTD
	N (%)		N (%)		Positive N (%)	N (%)		N (%)		N (%)		N (%)		
All Halls ¹	21,795	1,458 (6.7)	5,710	339 (5.9)	339 (5.9)	5,617	397 (7.1)	736 (6.5)	5,301	326 (6.1)	1,062 (6.4)	5,167	396 (7.7)	1,458 (6.7)
Male ^{2,3}														
10-13	637	3 (0.5)	176	0 (0.0)	0 (0.0)	176	0 (0.0)	0 (0.0)	149	0 (0.0)	0 (0.0)	136	3 (2.2)	3 (0.5)
14-16	7,980	259 (3.2)	2,054	49 (2.4)	49 (2.4)	2,058	71 (3.4)	120 (2.9)	1,967	57 (2.9)	177 (2.9)	1,901	82 (4.3)	259 (3.2)
17-19	8,575	537 (6.3)	2,258	134 (5.9)	134 (5.9)	2,179	140 (6.4)	274 (6.2)	2,067	130 (6.3)	404 (6.2)	2,071	133 (6.4)	537 (6.3)
20-23	66	6 (9.1)	15	0 (0.0)	0 (0.0)	17	3 (17.6)	3 (9.4)	16	1 (6.3)	4 (8.3)	18	2 (11.1)	6 (9.1)
Female ^{2,3}														
10-13	141	12 (8.5)	48	4 (8.3)	4 (8.3)	26	3 (11.5)	7 (9.5)	36	2 (5.6)	9 (8.2)	31	3 (9.7)	12 (8.5)
14-16	2,400	344 (14.3)	689	83 (12.0)	83 (12.0)	626	102 (16.3)	185 (14.1)	548	67 (12.2)	252 (13.5)	537	92 (17.1)	344 (14.3)
17-19	1,943	292 (15.0)	456	68 (14.9)	68 (14.9)	523	78 (14.9)	146 (14.9)	510	69 (13.5)	215 (14.4)	454	77 (17.0)	292 (15.0)
20-23	7	3 (42.9)	1	0 (0.0)	0 (0.0)	2	0 (0.0)	0 (0.0)	1	0 (0.0)	0 (0.0)	3	3 (100.0)	3 (42.9)
Race/Ethnicity														
White	1,558	63 (4.0)	427	18 (4.2)	18 (4.2)	412	15 (3.6)	33 (3.9)	390	17 (4.4)	50 (4.1)	329	13 (4.0)	63 (4.0)
African American	6,144	665 (10.8)	1,589	146 (9.2)	146 (9.2)	1,576	190 (12.1)	336 (10.6)	1,530	156 (10.2)	492 (10.5)	1,449	173 (11.9)	665 (10.8)
American Indian/American Native	36	1 (2.8)	5	0 (0.0)	0 (0.0)	12	0 (0.0)	0 (0.0)	8	0 (0.0)	0 (0.0)	11	1 (9.1)	1 (2.8)
Asian/Pacific Islander	500	24 (4.8)	155	8 (5.2)	8 (5.2)	122	8 (6.6)	16 (5.8)	104	3 (2.9)	19 (5.0)	119	5 (4.2)	24 (4.8)
Other	52	6 (11.5)	11	2 (18.2)	2 (18.2)	18	1 (5.6)	3 (10.3)	12	1 (8.3)	4 (9.8)	11	2 (18.2)	6 (11.5)
Multi-racial	32	3 (9.4)	10	1 (10.0)	1 (10.0)	6	0 (0.0)	1 (6.3)	11	0 (0.0)	1 (3.7)	5	2 (40.0)	3 (9.4)
Undeclared	1,218	88 (7.2)	211	14 (6.6)	14 (6.6)	353	30 (8.5)	44 (7.8)	272	13 (4.8)	57 (6.8)	382	31 (8.1)	88 (7.2)
Hispanic	12,255	608 (5.0)	3,302	150 (4.5)	150 (4.5)	3,118	153 (4.9)	303 (4.7)	2,974	136 (4.6)	439 (4.7)	2,861	169 (5.9)	608 (5.0)

1: Total excludes 440 not tested; 34 request credited.

2,3: Total excludes 25 aged under 10 or older than 24 years; 21 of unknown age.

Table 3. Prevalence of gonorrhea among adolescents screened at Central, Los Padrinos, and Barry J. Nidorf Juvenile Halls, January 1 - December 31, 2004

Characteristics			1 st Quarter			2 nd Quarter			3 rd Quarter			4 th Quarter		
	Total	Positive	Total	Positive	YTD	Total	Positive	YTD	Total	Positive	YTD	Total	Positive	YTD
		N (%)		N (%)	N (%)		N (%)	N (%)		N (%)	N (%)		N (%)	N (%)
All Halls ¹	21,471	313 (1.5)	5,627	64 (1.1)	64 (1.1)	5,532	83 (1.5)	147 (1.3)	5,222	72 (1.4)	219 (1.3)	5,090	94 (1.8)	313 (1.5)
Male ^{2,3}														
10-13	634	4 (0.6)	176	0 (0.0)	0 (0.0)	174	4 (2.3)	4 (1.1)	148	0 (0.0)	4 (0.8)	136	0 (0.0)	4 (0.6)
14-16	7,901	40 (0.5)	2,035	6 (0.3)	6 (0.3)	2,039	14 (0.7)	20 (0.5)	1,947	5 (0.3)	25 (0.4)	1,880	15 (0.8)	40 (0.5)
17-19	8,490	79 (0.9)	2,237	14 (0.6)	14 (0.6)	2,146	24 (1.1)	38 (0.9)	2,058	19 (0.9)	57 (0.9)	2,049	22 (1.1)	79 (0.9)
20-23	67	0 (0.0)	16	0 (0.0)	0 (0.0)	16	0 (0.0)	0 (0.0)	17	0 (0.0)	0 (0.0)	18	0 (0.0)	0 (0.0)
Female ^{2,3}														
10-13	133	4 (3.0)	44	1 (2.3)	1 (2.3)	24	1 (4.2)	2 (2.9)	36	2 (5.6)	4 (3.8)	29	0 (0.0)	4 (3.0)
14-16	2,322	112 (4.8)	662	25 (3.8)	25 (3.8)	615	27 (4.4)	52 (4.1)	525	26 (5.0)	78 (4.3)	520	34 (6.5)	112 (4.8)
17-19	1,871	73 (3.9)	443	18 (4.1)	18 (4.1)	506	13 (2.6)	31 (3.3)	483	20 (4.1)	51 (3.6)	439	22 (5.0)	73 (3.9)
20-23	7	1 (14.3)	1	0 (0.0)	0 (0.0)	2	0 (0.0)	0 (0.0)	1	0 (0.0)	0 (0.0)	3	1 (33.3)	1 (14.3)
Race/Ethnicity														
White	1,530	26 (1.7)	418	8 (1.9)	8 (1.9)	407	6 (1.5)	14 (1.7)	382	9 (2.4)	23 (1.9)	323	3 (0.9)	26 (1.7)
African American	6,069	184 (3.0)	1,566	37 (2.4)	37 (2.4)	1,559	53 (3.4)	90 (2.9)	1,508	40 (2.7)	130 (2.8)	1,436	54 (3.8)	184 (3.0)
American Indian/American Native	34	1 (2.9)	5	0 (0.0)	0 (0.0)	12	0 (0.0)	0 (0.0)	8	0 (0.0)	0 (0.0)	9	1 (11.1)	1 (2.9)
Asian/Pacific Islander	496	2 (0.4)	153	0 (0.0)	0 (0.0)	122	0 (0.0)	0 (0.0)	103	0 (0.0)	0 (0.0)	118	2 (1.7)	2 (0.4)
Other	53	0 (0.0)	11	0 (0.0)	0 (0.0)	18	0 (0.0)	0 (0.0)	12	0 (0.0)	0 (0.0)	12	0 (0.0)	0 (0.0)
Multi-racial	33	0 (0.0)	11	0 (0.0)	0 (0.0)	5	0 (0.0)	0 (0.0)	12	0 (0.0)	0 (0.0)	5	0 (0.0)	0 (0.0)
Undeclared	1,186	21 (1.8)	211	0 (0.0)	0 (0.0)	346	7 (2.0)	7 (1.3)	273	6 (2.2)	13 (1.6)	356	8 (2.2)	21 (1.8)
Hispanic	12,070	79 (0.7)	3,252	19 (0.6)	19 (0.6)	3,063	17 (0.6)	36 (0.6)	2,924	17 (0.6)	53 (0.6)	2,831	26 (0.9)	79 (0.7)

1: Total excludes 798 not tested.

2,3: Total excludes 25 aged under 10 or older than 24 years; 21 of unknown age.

Table 4. Chlamydia screening among male adolescents at Central, Los Padrinos, and Barry J. Nidorf Juvenile Halls, January 1 - December 31, 2004

Characteristics	Total		Central Juvenile Hall		Los Padrinos Juvenile Hall		Barry J. Nidorf Juvenile Hall	
	Total	Positive N (%)	Total	Positive N (%)	Total	Positive N (%)	Total	Positive N (%)
All Halls ¹	17,292	806 (4.7)	5,328	203 (3.8)	8,539	476 (5.6)	3,425	127 (3.7)
Age Group ²								
10-13	637	3 (0.5)	162	0 (0.0)	360	3 (0.8)	115	0 (0.0)
14-16	7,980	259 (3.2)	2,442	66 (2.7)	3,966	154 (3.9)	1,572	39 (2.5)
17-19	8,575	537 (6.3)	2,697	135 (5.0)	4,170	317 (7.6)	1,708	85 (5.0)
20-23	66	6 (9.1)	18	2 (11.1)	28	2 (7.1)	20	2 (10.0)
Race/Ethnicity								
White	1,128	19 (1.7)	244	5 (2.0)	472	12 (2.5)	412	2 (0.5)
African American	4,667	388 (8.3)	1,304	96 (7.4)	2,677	239 (8.9)	686	53 (7.7)
American Indian/American Native	21	0 (0.0)	5	0 (0.0)	8	0 (0.0)	8	0 (0.0)
Asian/Pacific Islander	421	13 (3.1)	104	0 (0.0)	258	11 (4.3)	59	2 (3.4)
Other	40	2 (5.0)	19	0 (0.0)	2	0 (0.0)	19	2 (10.5)
Multi-racial	22	0 (0.0)	7	0 (0.0)	9	0 (0.0)	6	0 (0.0)
Undeclared	835	45 (5.4)	375	13 (3.5)	266	19 (7.1)	194	13 (6.7)
Hispanic	10,158	339 (3.3)	3,270	89 (2.7)	4,847	195 (4.0)	2,041	55 (2.7)
Symptomatic								
Yes	108	16 (14.8)	68	6 (8.8)	22	7 (31.8)	18	3 (16.7)
No	15,877	716 (4.5)	4,810	183 (3.8)	7,899	425 (5.4)	3,168	108 (3.4)
Unknown	1,307	74 (5.7)	450	14 (3.1)	618	44 (7.1)	239	16 (6.7)
Quarter								
Jan-Mar 2004	4,514	184 (4.1)	1,396	45 (3.2)	2,213	106 (4.8)	905	33 (3.7)
Apr-Jun 2004	4,439	214 (4.8)	1,398	45 (3.2)	2,200	140 (6.4)	841	29 (3.5)
Jul-Sep 2004	4,204	188 (4.5)	1,276	50 (3.9)	2,080	103 (5.0)	848	35 (4.2)
Oct-Dec 2004	4,135	220 (5.3)	1,258	63 (5.0)	2,046	127 (6.2)	831	30 (3.6)

1: Total excludes 289 not tested; 16 request credited.

2: Total excludes 20 aged under 10 or older than 24 years; 14 of unknown age.

Table 5. Chlamydia screening among female adolescents at Central, Los Padrinos, and Barry J. Nidorf Juvenile Halls, January 1 - December 31, 2004

Characteristics	Total		Central Juvenile Hall		Los Padrinos Juvenile Hall		Barry J. Nidorf Juvenile Hall	
	Total	Positive N (%)	Total	Positive N (%)	Total	Positive N (%)	Total	Positive N (%)
All Halls ¹	4,503	652 (14.5)	1,750	233 (13.3)	1,963	319 (16.3)	790	100 (12.7)
Age Group ²								
10-13	141	12 (8.5)	59	6 (10.2)	61	5 (8.2)	21	1 (4.8)
14-16	2,400	344 (14.3)	926	125 (13.5)	1,051	173 (16.5)	423	46 (10.9)
17-19	1,943	292 (15.0)	762	102 (13.4)	840	138 (16.4)	341	52 (15.2)
20-23	7	3 (42.9)	2	0 (0.0)	3	2 (66.7)	2	1 (50.0)
Race/Ethnicity								
White	430	44 (10.2)	131	14 (10.7)	164	17 (10.4)	135	13 (9.6)
African American	1,477	277 (18.8)	537	96 (17.9)	729	148 (20.3)	211	33 (15.6)
American Indian/American Native	15	1 (6.7)	7	1 (14.3)	5	0 (0.0)	3	0 (0.0)
Asian/Pacific Islander	79	11 (13.9)	25	6 (24.0)	41	5 (12.2)	13	0 (0.0)
Other	12	4 (33.3)	7	2 (28.6)	1	0 (0.0)	4	2 (50.0)
Multi-racial	10	3 (30.0)	7	3 (42.9)	1	0 (0.0)	2	0 (0.0)
Undeclared	383	43 (11.2)	206	18 (8.7)	104	18 (17.3)	73	7 (9.6)
Hispanic	2,097	269 (12.8)	830	93 (11.2)	918	131 (14.3)	349	45 (12.9)
Symptomatic								
Yes	108	23 (21.3)	75	15 (20.0)	16	5 (31.3)	17	3 (17.6)
No	3,567	522 (14.6)	1,106	154 (13.9)	1,780	279 (15.7)	681	89 (13.1)
Unknown	828	107 (12.9)	569	64 (11.2)	167	35 (21.0)	92	8 (8.7)
Pregnant now								
Yes	167	26 (15.6)	70	13 (18.6)	78	11 (14.1)	19	2 (10.5)
No	3,043	435 (14.3)	1,009	140 (13.9)	1,500	228 (15.2)	534	67 (12.5)
Unknown	1,293	191 (14.8)	671	80 (11.9)	385	80 (20.8)	237	31 (13.1)
Quarter								
Jan-Mar 2004	1,196	155 (13.0)	454	51 (11.2)	496	79 (15.9)	246	25 (10.2)
Apr-Jun 2004	1,178	183 (15.5)	489	76 (15.5)	533	83 (15.6)	156	24 (15.4)
Jul-Sep 2004	1,097	138 (12.6)	435	47 (10.8)	462	64 (13.9)	200	27 (13.5)
Oct-Dec 2004	1,032	176 (17.1)	372	59 (15.9)	472	93 (19.7)	188	24 (12.8)

1: Total excludes 151 not tested; 18 request credited.

2: Total excludes 5 aged under 10 or older than 24 years; 7 of unknown age.

Table 6. Gonorrhea screening among male adolescents at Central, Los Padrinos, and Barry J. Nidorf Juvenile Halls, January 1 - December 31, 2004

Characteristics	Total		Central Juvenile Hall		Los Padrinos Juvenile Hall		Barry J. Nidorf Juvenile Hall	
	Total	Positive N (%)	Total	Positive N (%)	Total	Positive N (%)	Total	Positive N (%)
All Halls ¹	17,126	123 (0.7)	5,291	27 (0.5)	8,462	78 (0.9)	3,373	18 (0.5)
Age Group ²								
10-13	634	4 (0.6)	162	1 (0.6)	359	3 (0.8)	113	0 (0.0)
14-16	7,901	40 (0.5)	2,423	9 (0.4)	3,926	24 (0.6)	1,552	7 (0.5)
17-19	8,490	79 (0.9)	2,679	17 (0.6)	4,133	51 (1.2)	1,678	11 (0.7)
20-23	67	0 (0.0)	18	0 (0.0)	29	0 (0.0)	20	0 (0.0)
Race/Ethnicity								
White	1,122	2 (0.2)	246	0 (0.0)	467	1 (0.2)	409	1 (0.2)
African American	4,644	83 (1.8)	1,306	16 (1.2)	2,662	55 (2.1)	676	12 (1.8)
American Indian/American Native	19	0 (0.0)	5	0 (0.0)	8	0 (0.0)	6	0 (0.0)
Asian/Pacific Islander	418	0 (0.0)	103	0 (0.0)	257	0 (0.0)	58	0 (0.0)
Other	41	0 (0.0)	20	0 (0.0)	2	0 (0.0)	19	0 (0.0)
Multi-racial	24	0 (0.0)	8	0 (0.0)	9	0 (0.0)	7	0 (0.0)
Undeclared	814	6 (0.7)	361	1 (0.3)	263	4 (1.5)	190	1 (0.5)
Hispanic	10,044	32 (0.3)	3,242	10 (0.3)	4,794	18 (0.4)	2,008	4 (0.2)
Symptomatic								
Yes	107	7 (6.5)	68	2 (2.9)	22	3 (13.6)	17	2 (11.8)
No	15,743	100 (0.6)	4,791	22 (0.5)	7,828	64 (0.8)	3,124	14 (0.4)
Unknown	1,276	16 (1.3)	432	3 (0.7)	612	11 (1.8)	232	2 (0.9)
Quarter								
Jan-Mar 2004	4,475	20 (0.4)	1,386	6 (0.4)	2,201	8 (0.4)	888	6 (0.7)
Apr-Jun 2004	4,384	42 (1.0)	1,386	9 (0.6)	2,177	28 (1.3)	821	5 (0.6)
Jul-Sep 2004	4,175	24 (0.6)	1,269	4 (0.3)	2,063	18 (0.9)	843	2 (0.2)
Oct-Dec 2004	4,092	37 (0.9)	1,250	8 (0.6)	2,021	24 (1.2)	821	5 (0.6)

1: Total excludes 471 not tested.

2: Total excludes 20 aged under 10 or older than 24 years; 14 of unknown age.

Table 7. Gonorrhea screening among female adolescents at Central, Los Padrinos, and Barry J. Nidorf Juvenile Halls, January 1 - December 31, 2004

Characteristics	Total		Central Juvenile Hall		Los Padrinos Juvenile Hall		Barry J. Nidorf Juvenile Hall	
	Total	Positive N (%)	Total	Positive N (%)	Total	Positive N (%)	Total	Positive N (%)
All Halls ¹	4,345	190 (4.4)	1,616	56 (3.5)	1,946	99 (5.1)	783	35 (4.5)
Age Group ²								
10-13	133	4 (3.0)	53	1 (1.9)	60	2 (3.3)	20	1 (5.0)
14-16	2,322	112 (4.8)	858	34 (4.0)	1,043	61 (5.8)	421	17 (4.0)
17-19	1,871	73 (3.9)	702	21 (3.0)	832	35 (4.2)	337	17 (5.0)
20-23	7	1 (14.3)	2	0 (0.0)	3	1 (33.3)	2	0 (0.0)
Race/Ethnicity								
White	408	24 (5.9)	115	5 (4.3)	160	11 (6.9)	133	8 (6.0)
African American	1,425	101 (7.1)	496	30 (6.0)	720	56 (7.8)	209	15 (7.2)
American Indian/American Native	15	1 (6.7)	7	0 (0.0)	5	0 (0.0)	3	1 (33.3)
Asian/Pacific Islander	78	2 (2.6)	25	0 (0.0)	40	2 (5.0)	13	0 (0.0)
Other	12	0 (0.0)	7	0 (0.0)	1	0 (0.0)	4	0 (0.0)
Multi-racial	9	0 (0.0)	6	0 (0.0)	1	0 (0.0)	2	0 (0.0)
Undeclared	372	15 (4.0)	194	4 (2.1)	105	7 (6.7)	73	4 (5.5)
Hispanic	2,026	47 (2.3)	766	17 (2.2)	914	23 (2.5)	346	7 (2.0)
Symptomatic								
Yes	103	5 (4.9)	70	5 (7.1)	16	0 (0.0)	17	0 (0.0)
No	3,470	151 (4.4)	1,037	38 (3.7)	1,761	83 (4.7)	672	30 (4.5)
Unknown	772	34 (4.4)	509	13 (2.6)	169	16 (9.5)	94	5 (5.3)
Pregnant now								
Yes	157	4 (2.5)	62	1 (1.6)	77	3 (3.9)	18	0 (0.0)
No	2,964	133 (4.5)	948	36 (3.8)	1,486	76 (5.1)	530	21 (4.0)
Unknown	1,224	53 (4.3)	606	19 (3.1)	383	20 (5.2)	235	14 (6.0)
Quarter								
Jan-Mar 2004	1,152	44 (3.8)	410	14 (3.4)	497	21 (4.2)	245	9 (3.7)
Apr-Jun 2004	1,148	41 (3.6)	466	11 (2.4)	527	25 (4.7)	155	5 (3.3)
Jul-Sep 2004	1,047	48 (4.6)	396	14 (3.5)	453	24 (5.3)	198	10 (5.1)
Oct-Dec 2004	998	57 (5.7)	344	17 (4.9)	469	29 (6.2)	185	11 (6.0)

1: Total excludes 327 not tested.

2: Total excludes 5 aged under 10 or older than 24 years; 7 of unknown age.

Table 8. Adolescents screened for chlamydia and/or gonorrhea at Central Juvenile Hall, January 1 - December 31, 2004

Characteristics	Total		1 st Quarter		2 nd Quarter		3 rd Quarter		4 th Quarter	
	N	%	N	%	N	%	N	%	N	%
Central Juvenile Hall	7,361	100.0	1,890	100.0	1,953	100.0	1,763	100.0	1,755	100.0
Male ^{1,2}										
10-13	165	3.0	44	3.1	42	3.0	46	3.5	33	2.5
14-16	2,523	46.0	663	47.0	664	46.0	574	44.1	622	46.7
17-19	2,781	50.7	700	49.6	727	50.4	679	52.1	675	50.6
20-23	20	0.4	4	0.3	9	0.6	4	0.3	3	0.2
Subtotal	5,489	100.0	1,411	100.0	1,442	100.0	1,303	100.0	1,333	100.0
Female ^{1,2}										
10-13	62	3.3	19	4.0	12	2.4	16	3.5	15	3.6
14-16	989	53.1	284	59.5	268	52.6	228	49.8	209	50.0
17-19	809	43.4	174	36.5	227	44.6	214	46.7	194	46.4
20-23	2	0.1	0	0.0	2	0.4	0	0.0	0	0.0
Subtotal	1,862	100.0	477	100.0	509	100.0	458	100.0	418	100.0
Race/Ethnicity										
White	385	5.2	117	6.2	108	5.5	84	4.8	76	4.3
African American	1,896	25.8	489	25.9	479	24.5	484	27.5	444	25.3
American Indian/American Native	12	0.2	2	0.1	4	0.2	1	0.1	5	0.3
Asian/Pacific Islander	136	1.8	41	2.2	26	1.3	26	1.5	43	2.5
Other	27	0.4	6	0.3	10	0.5	3	0.2	8	0.5
Multi-racial	16	0.2	7	0.4	2	0.1	4	0.2	3	0.2
Undeclared	671	9.1	85	4.5	209	10.7	119	6.6	258	14.7
Hispanic	4,218	57.3	1,143	60.5	1,115	57.2	1,042	59.1	918	52.3
Chlamydia Test Results										
Positive	436	5.9	96	5.1	121	6.2	97	5.5	122	7.0
Negative	6,510	88.4	1,716	90.8	1,723	88.2	1,570	89.1	1,501	85.5
Inconclusive	28	0.4	19	1.0	4	0.2	3	0.2	2	0.1
Rejected	104	1.4	19	1.0	39	2.0	41	2.3	5	0.3
Request credited/Not tested ³	283	3.8	40	2.1	66	3.4	52	2.9	125	7.1
Gonorrhea Test Results										
Positive	83	1.1	20	1.1	20	1.0	18	1.0	25	1.4
Negative	6,686	90.8	1,737	91.9	1,787	91.5	1,601	90.8	1,561	88.9
Inconclusive	16	0.2	15	0.8	0	0.0	0	0.0	1	0.1
Rejected	122	1.7	24	1.3	45	2.3	46	2.6	7	0.4
Not tested	454	6.2	94	5.0	101	5.2	98	5.6	161	9.2
Comorbidity (both chlamydia and gonorrhea positive)										
Yes	37	7.7	5	4.5	15	11.9	6	5.5	11	8.1
No	445	92.3	106	95.5	111	88.1	103	94.5	125	91.9

1,2: Total excludes 9 aged under 10 or older than 24 years. 1 of unknown age.

3: Includes 255 not tested; 28 request credited ("request credited" definition includes "No specimen received", "Duplicate request", "Order error", "Specimen rejected").

Table 9. Prevalence of chlamydia among adolescents screened at Central Juvenile Hall, January 1 - December 31, 2004

Characteristics			1 st Quarter			2 nd Quarter			3 rd Quarter			4 th Quarter		
	Total	Positive	Total	Positive	YTD	Total	Positive	YTD	Total	Positive	YTD	Total	Positive	YTD
		N (%)		N (%)	Positive N (%)		N (%)	Positive N (%)		N (%)	Positive N (%)		N (%)	Positive N (%)
Central Juvenile Hall ¹	7,078	436 (6.2)	1,850	96 (5.2)	96 (5.2)	1,887	121 (6.4)	217 (5.8)	1,711	97 (5.7)	314 (5.8)	1,630	122 (7.5)	436 (6.2)
Male ^{2,3}														
10-13	162	0 (0.0)	44	0 (0.0)	0 (0.0)	41	0 (0.0)	0 (0.0)	46	0 (0.0)	0 (0.0)	31	0 (0.0)	0 (0.0)
14-16	2,442	66 (2.7)	654	11 (1.7)	11 (1.7)	641	17 (2.7)	28 (2.2)	562	15 (2.7)	43 (2.3)	585	23 (3.9)	66 (2.7)
17-19	2,697	135 (5.0)	692	34 (4.9)	34 (4.9)	707	26 (3.7)	60 (4.3)	663	35 (5.3)	95 (4.6)	635	40 (6.3)	135 (5.0)
20-23	18	2 (11.1)	4	0 (0.0)	0 (0.0)	8	2 (25.0)	2 (16.7)	3	0 (0.0)	2 (13.3)	3	0 (0.0)	2 (11.1)
Female ^{2,3}														
10-13	59	6 (10.2)	19	1 (5.3)	1 (5.3)	12	3 (25.0)	4 (12.9)	14	0 (0.0)	4 (8.9)	14	2 (14.3)	6 (10.2)
14-16	926	125 (13.5)	267	27 (10.1)	27 (10.1)	254	43 (16.9)	70 (13.4)	215	26 (12.1)	96 (13.0)	190	29 (15.3)	125 (13.5)
17-19	762	102 (13.4)	168	23 (13.7)	23 (13.7)	220	30 (13.6)	53 (13.7)	206	21 (10.2)	74 (12.5)	168	28 (16.7)	102 (13.4)
20-23	2	0 (0.0)	0	0 (n/a)	0 (n/a)	2	0 (0.0)	0 (0.0)	0	0 (n/a)	0 (0.0)	0	0 (n/a)	0 (0.0)
Race/Ethnicity														
White	375	19 (5.1)	115	6 (5.2)	6 (5.2)	105	4 (3.8)	10 (4.5)	84	8 (9.5)	18 (5.9)	71	1 (1.4)	19 (5.1)
African American	1,841	192 (10.4)	482	35 (7.3)	35 (7.3)	470	54 (11.5)	89 (9.3)	469	46 (9.8)	135 (9.5)	420	57 (13.6)	192 (10.4)
American Indian/American Native	12	1 (8.3)	2	0 (0.0)	0 (0.0)	4	0 (0.0)	0 (0.0)	1	0 (0.0)	0 (0.0)	5	1 (20.0)	1 (8.3)
Asian/Pacific Islander	129	6 (4.7)	40	4 (10.0)	4 (10.0)	26	0 (0.0)	4 (6.1)	25	1 (4.0)	5 (5.5)	38	1 (2.6)	6 (4.7)
Other	26	2 (7.7)	6	1 (16.7)	1 (16.7)	10	1 (10.0)	2 (12.5)	3	0 (0.0)	2 (10.5)	7	0 (0.0)	2 (7.7)
Multi-racial	14	3 (21.4)	5	1 (20.0)	1 (20.0)	2	0 (0.0)	1 (14.3)	4	0 (0.0)	1 (9.1)	3	2 (66.7)	3 (21.4)
Undeclared	581	31 (5.3)	75	2 (2.7)	2 (2.7)	190	12 (6.3)	14 (5.3)	109	5 (4.6)	19 (5.1)	207	12 (5.8)	31 (5.3)
Hispanic	4,100	182 (4.4)	1,125	47 (4.2)	47 (4.2)	1,080	50 (4.6)	97 (4.4)	1,016	37 (3.6)	134 (4.2)	879	48 (5.5)	182 (4.4)

1: Total excludes 255 not tested; 28 request credited ("request credited" definition includes "No specimen received", "Duplicate request", "Order error", "Specimen rejected").

2,3: Total excludes 9 aged under 10 or older than 24 years. 1 of unknown age.

Table 10. Prevalence of gonorrhea among adolescents screened at Central Juvenile Hall, January 1 - December 31, 2004

Characteristics	Total	Positive N (%)	1 st Quarter			2 nd Quarter			3 rd Quarter			4 th Quarter		
			Total	Positive N (%)	YTD Positive N (%)	Total	Positive N (%)	YTD Positive N (%)	Total	Positive N (%)	YTD Positive N (%)	Total	Positive N (%)	YTD Positive N (%)
Central Juvenile Hall ¹	6,907	83 (1.2)	1,796	20 (1.1)	20 (1.1)	1,852	20 (1.1)	40 (1.1)	1,665	18 (1.1)	58 (1.1)	1,594	25 (1.6)	83 (1.2)
Male ^{2,3}														
10-13	162	1 (0.6)	44	0 (0.0)	0 (0.0)	41	1 (2.4)	1 (1.2)	46	0 (0.0)	1 (0.8)	31	0 (0.0)	1 (0.6)
14-16	2,423	9 (0.4)	650	2 (0.3)	2 (0.3)	638	3 (0.5)	5 (0.4)	556	1 (0.2)	6 (0.3)	579	3 (0.5)	9 (0.4)
17-19	2,679	17 (0.6)	686	4 (0.6)	4 (0.6)	699	5 (0.7)	9 (0.6)	661	3 (0.5)	12 (0.6)	633	5 (0.8)	17 (0.6)
20-23	18	0 (0.0)	4	0 (0.0)	0 (0.0)	7	0 (0.0)	0 (0.0)	4	0 (0.0)	0 (0.0)	3	0 (0.0)	0 (0.0)
Female ^{2,3}														
10-13	53	1 (1.9)	17	0 (0.0)	0 (0.0)	10	1 (10.0)	1 (3.7)	14	0 (0.0)	1 (2.4)	12	0 (0.0)	1 (1.9)
14-16	858	34 (4.0)	239	9 (3.8)	9 (3.8)	246	8 (3.3)	17 (3.5)	196	7 (3.6)	24 (3.5)	177	10 (5.6)	34 (4.0)
17-19	702	21 (3.0)	154	5 (3.2)	5 (3.2)	207	2 (1.0)	7 (1.9)	186	7 (3.8)	14 (2.6)	155	7 (4.5)	21 (3.0)
20-23	2	0 (0.0)	0	0 (n/a)	0 (n/a)	2	0 (0.0)	0 (0.0)	0	0 (n/a)	0 (0.0)	0	0 (n/a)	0 (0.0)
Race/Ethnicity														
White	361	5 (1.4)	107	2 (1.9)	2 (1.9)	105	1 (1.0)	3 (1.4)	79	1 (1.3)	4 (1.4)	70	1 (1.4)	5 (1.4)
African American	1,802	46 (2.6)	467	11 (2.4)	11 (2.4)	460	12 (2.6)	23 (2.5)	460	12 (2.6)	35 (2.5)	415	11 (2.7)	46 (2.6)
American Indian/American Native	12	0 (0.0)	2	0 (0.0)	0 (0.0)	4	0 (0.0)	0 (0.0)	1	0 (0.0)	0 (0.0)	5	0 (0.0)	0 (0.0)
Asian/Pacific Islander	128	0 (0.0)	38	0 (0.0)	0 (0.0)	26	0 (0.0)	0 (0.0)	25	0 (0.0)	0 (0.0)	39	0 (0.0)	0 (0.0)
Other	27	0 (0.0)	6	0 (0.0)	0 (0.0)	10	0 (0.0)	0 (0.0)	3	0 (0.0)	0 (0.0)	8	0 (0.0)	0 (0.0)
Multi-racial	14	0 (0.0)	6	0 (0.0)	0 (0.0)	1	0 (0.0)	0 (0.0)	4	0 (0.0)	0 (0.0)	3	0 (0.0)	0 (0.0)
Undeclared	555	5 (0.9)	77	0 (0.0)	0 (0.0)	183	2 (1.1)	2 (0.8)	111	0 (0.0)	2 (0.5)	184	3 (1.6)	5 (0.9)
Hispanic	4,008	27 (0.7)	1,093	7 (0.6)	7 (0.6)	1,063	5 (0.5)	12 (0.6)	982	5 (0.5)	17 (0.5)	870	10 (1.1)	27 (0.7)

1: Total excludes 454 not tested.

2,3: Total excludes 9 aged under 10 or older than 24 years; 1 of unknown age.

Table 11. Adolescents screened for chlamydia and/or gonorrhea at Los Padrinos Juvenile Hall, January 1 - December 31, 2004

Characteristics	Total		1 st Quarter		2 nd Quarter		3 rd Quarter		4 th Quarter	
	N	%	N	%	N	%	N	%	N	%
Los Padrinos Juvenile Hall	10,607	100.0	2,727	100.0	2,755	100.0	2,567	100.0	2,558	100.0
Male ^{1,2}										
10-13	362	4.2	104	4.7	107	4.8	76	3.6	75	3.6
14-16	3,999	46.5	1,008	45.4	1,031	46.7	1,000	47.8	960	46.4
17-19	4,203	48.9	1,101	49.6	1,067	48.3	1,010	48.2	1,025	49.5
20-23	30	0.3	7	0.3	4	0.2	9	0.4	10	0.5
Subtotal	8,594	100.0	2,220	100.0	2,209	100.0	2,095	100.0	2,070	100.0
Female ^{1,2}										
10-13	62	3.1	21	4.2	10	1.9	19	4.1	12	2.5
14-16	1,068	53.7	284	56.7	292	54.1	237	50.7	255	53.3
17-19	854	43.0	196	39.1	238	44.1	210	45.0	210	43.8
20-23	3	0.2	0	0.0	0	0.0	1	0.2	2	0.4
Subtotal	1,987	100.0	501	100.0	540	100.0	467	100.0	479	100.0
Race/Ethnicity										
White	639	6.0	172	6.3	169	6.1	159	6.2	139	5.4
African American	3,431	32.3	884	32.4	884	32.1	847	33.0	816	31.9
American Indian/American Native	13	0.1	2	0.1	5	0.2	4	0.2	2	0.1
Asian/Pacific Islander	301	2.8	87	3.2	82	3.0	61	2.4	71	2.8
Other	3	0.0	1	0.0	1	0.0	1	0.0	0	0.0
Multi-racial	10	0.1	4	0.1	2	0.1	3	0.1	1	0.0
Undeclared	402	3.8	50	1.8	132	4.8	97	3.8	123	4.8
Hispanic	5,808	54.8	1,527	56.0	1,480	53.7	1,395	54.3	1,406	55.0
Chlamydia Test Results										
Positive	795	7.5	185	6.8	223	8.1	167	6.5	220	8.6
Negative	9,610	90.6	2,498	91.6	2,497	90.6	2,351	91.6	2,264	88.5
Inconclusive	27	0.3	15	0.6	4	0.1	2	0.1	6	0.2
Rejected	70	0.7	11	0.4	9	0.3	22	0.9	28	1.1
Request credited/Not tested ³	105	1.0	18	0.7	22	0.8	25	1.0	40	1.6
Gonorrhea Test Results										
Positive	177	1.7	29	1.1	53	1.9	42	1.6	53	2.1
Negative	10,145	95.6	2,650	97.2	2,636	95.7	2,451	95.5	2,408	94.1
Inconclusive	16	0.2	9	0.3	4	0.1	1	0.0	2	0.1
Rejected	70	0.7	10	0.4	11	0.4	22	0.9	27	1.1
Not tested	199	1.9	29	1.1	51	1.9	51	2.0	68	2.7
Comorbidity (both chlamydia and gonorrhea positive)										
Yes	94	10.7	11	5.4	29	11.7	20	10.6	34	14.2
No	784	89.3	192	94.6	218	88.3	169	89.4	205	85.8

1,2: Total excludes 11 aged under 10 or older than 24 years; 15 of unknown age.

3: Total includes 101 not tested; 4 request credited (request credit definition includes "No specimen received", "Duplicate request", "Order error", "Specimen rejected").

Table 12. Prevalence of chlamydia among adolescents screened at Los Padornos Juvenile Hall, January 1 - December 31, 2004

Characteristics			1 st Quarter			2 nd Quarter			3 rd Quarter			4 th Quarter		
	Total	Positive	Total	Positive	YTD	Total	Positive	YTD	Total	Positive	YTD	Total	Positive	YTD
		N (%)		N (%)	Positive N (%)		N (%)	Positive N (%)		N (%)	Positive N (%)		N (%)	Positive N (%)
Los Padornos Juvenile Hall ¹	10,502	795 (7.6)	2,709	185 (6.8)	185 (6.8)	2,733	223 (8.2)	408 (7.5)	2,542	167 (6.6)	575 (7.2)	2,518	220 (8.7)	795 (7.6)
Male ^{2,3}														
10-13	360	3 (0.8)	104	0 (0.0)	0 (0.0)	105	0 (0.0)	0 (0.0)	76	0 (0.0)	0 (0.0)	75	3 (4.0)	3 (0.8)
14-16	3,966	154 (3.9)	1,001	29 (2.9)	29 (2.9)	1,028	44 (4.3)	73 (3.6)	991	31 (3.1)	104 (3.4)	946	50 (5.3)	154 (3.9)
17-19	4,170	317 (7.6)	1,098	77 (7.0)	77 (7.0)	1,057	96 (9.1)	173 (8.0)	1,002	71 (7.1)	244 (7.7)	1,013	73 (7.2)	317 (7.6)
20-23	28	2 (7.1)	6	0 (0.0)	0 (0.0)	4	0 (0.0)	0 (0.0)	8	1 (12.5)	1 (5.6)	10	1 (10.0)	2 (7.1)
Female ^{2,3}														
10-13	61	5 (8.2)	21	2 (9.5)	2 (9.5)	10	0 (0.0)	2 (6.5)	19	2 (10.5)	4 (8.0)	11	1 (9.1)	5 (8.2)
14-16	1,051	173 (16.5)	280	43 (15.4)	43 (15.4)	288	44 (15.3)	87 (15.3)	235	33 (14.0)	120 (14.9)	248	53 (21.4)	173 (16.5)
17-19	840	138 (16.4)	194	34 (17.5)	34 (17.5)	235	39 (16.6)	73 (17.0)	206	29 (14.1)	102 (16.1)	205	36 (17.6)	138 (16.4)
20-23	3	2 (66.7)	0	0 (n/a)	0 (n/a)	0	0 (n/a)	0 (n/a)	1	0 (0.0)	0 (0.0)	2	2 (100.0)	2 (66.7)
Race/Ethnicity														
White	636	29 (4.6)	172	7 (4.1)	7 (4.1)	169	9 (5.3)	16 (4.7)	157	6 (3.8)	22 (4.4)	138	7 (5.1)	29 (4.6)
African American	3,406	387 (11.4)	879	94 (10.7)	94 (10.7)	880	112 (12.7)	206 (11.7)	839	82 (9.8)	288 (11.1)	808	99 (12.3)	387 (11.4)
American Indian/American Native	13	0 (0.0)	2	0 (0.0)	0 (0.0)	5	0 (0.0)	0 (0.0)	4	0 (0.0)	0 (0.0)	2	0 (0.0)	0 (0.0)
Asian/Pacific Islander	299	16 (5.4)	87	2 (2.3)	2 (2.3)	80	8 (10.0)	10 (6.0)	61	2 (3.3)	12 (5.3)	71	4 (5.6)	16 (5.4)
Other	3	0 (0.0)	1	0 (0.0)	0 (0.0)	1	0 (0.0)	0 (0.0)	1	0 (0.0)	0 (0.0)	0	0 (n/a)	0 (0.0)
Multi-racial	10	0 (0.0)	4	0 (0.0)	0 (0.0)	2	0 (0.0)	0 (0.0)	3	0 (0.0)	0 (0.0)	1	0 (0.0)	0 (0.0)
Undeclared	370	37 (10.0)	46	7 (15.2)	7 (15.2)	124	14 (11.3)	21 (12.4)	91	2 (2.2)	23 (8.8)	109	14 (12.8)	37 (10.0)
Hispanic	5,765	326 (5.7)	1,518	75 (4.9)	75 (4.9)	1,472	80 (5.4)	155 (5.2)	1,386	75 (5.4)	230 (5.3)	1,389	96 (6.9)	326 (5.7)

1: Total excludes 101 not tested; 4 request credited (request credit definition includes "No specimen received", "Duplicate request", "Order error", "Specimen rejected").

2,3: Total excludes 10 aged under 10 or older than 24 years; 13 of unknown age.

Table 13. Prevalence of gonorrhea among adolescents screened at Los Padornos Juvenile Hall, January 1 - December 31, 2004

Characteristics	Total	Positive N (%)	1 st Quarter			2 nd Quarter			3 rd Quarter			4 th Quarter		
			Total	Positive N (%)	YTD Positive N (%)	Total	Positive N (%)	YTD Positive N (%)	Total	Positive N (%)	YTD Positive N (%)	Total	Positive N (%)	YTD Positive N (%)
Los Padornos Juvenile Hall ¹	10,408	177 (1.7)	2,698	29 (1.1)	29 (1.1)	2,704	53 (2)	82 (1.5)	2,516	42 (1.7)	124 (1.6)	2,490	53 (2.1)	177 (1.7)
Male ^{2,3}														
10-13	359	3 (0.8)	104	0 (0.0)	0 (0.0)	104	3 (2.9)	3 (1.4)	76	0 (0.0)	3 (1.1)	75	0 (0.0)	3 (0.8)
14-16	3,926	24 (0.6)	992	2 (0.2)	2 (0.2)	1,021	9 (0.9)	11 (0.5)	980	4 (0.4)	15 (0.5)	933	9 (1.0)	24 (0.6)
17-19	4,133	51 (1.2)	1,094	6 (0.5)	6 (0.5)	1,042	16 (1.5)	22 (1.0)	996	14 (1.4)	36 (1.1)	1,001	15 (1.5)	51 (1.2)
20-23	29	0 (0.0)	7	0 (0.0)	0 (0.0)	4	0 (0.0)	0 (0.0)	8	0 (0.0)	0 (0.0)	10	0 (0.0)	0 (0.0)
Female ^{2,3}														
10-13	60	2 (3.3)	20	0 (0.0)	0 (0.0)	10	0 (0.0)	0 (0.0)	19	2 (10.5)	2 (4.1)	11	0 (0.0)	2 (3.3)
14-16	1,043	61 (5.8)	281	13 (4.6)	13 (4.6)	286	16 (5.6)	29 (5.1)	231	14 (6.1)	43 (5.4)	245	18 (7.3)	61 (5.8)
17-19	832	35 (4.2)	195	8 (4.1)	8 (4.1)	231	9 (3.9)	17 (4.0)	201	8 (4.0)	25 (4.0)	205	10 (4.9)	35 (4.2)
20-23	3	1 (33.3)	0	0 (n/a)	0 (n/a)	0	0 (n/a)	0 (n/a)	1	0 (0.0)	0 (0.0)	2	1 (50.0)	1 (33.3)
Race/Ethnicity														
White	627	12 (1.9)	171	4 (2.3)	4 (2.3)	165	2 (1.2)	6 (1.8)	154	5 (3.2)	11 (2.2)	137	1 (0.7)	12 (1.9)
African American	3,382	111 (3.3)	877	19 (2.2)	19 (2.2)	875	37 (4.2)	56 (3.2)	827	23 (2.8)	79 (3.1)	803	32 (4.0)	111 (3.3)
American Indian/American Native	13	0 (0.0)	2	0 (0.0)	0 (0.0)	5	0 (0.0)	0 (0.0)	4	0 (0.0)	0 (0.0)	2	0 (0.0)	0 (0.0)
Asian/Pacific Islander	297	2 (0.7)	87	0 (0.0)	0 (0.0)	80	0 (0.0)	0 (0.0)	61	0 (0.0)	0 (0.0)	69	2 (2.9)	2 (0.7)
Other	3	0 (0.0)	1	0 (0.0)	0 (0.0)	1	0 (0.0)	0 (0.0)	1	0 (0.0)	0 (0.0)	0	0 (n/a)	0 (0.0)
Multi-racial	10	0 (0.0)	4	0 (0.0)	0 (0.0)	2	0 (0.0)	0 (0.0)	3	0 (0.0)	0 (0.0)	1	0 (0.0)	0 (0.0)
Undeclared	368	11 (3.0)	45	0 (0.0)	0 (0.0)	123	5 (4.1)	5 (3.0)	92	3 (3.3)	8 (3.1)	108	3 (2.8)	11 (3.0)
Hispanic	5,708	41 (0.7)	1,511	6 (0.4)	6 (0.4)	1,453	9 (0.6)	15 (0.5)	1,374	11 (0.8)	26 (0.6)	1,370	15 (1.1)	41 (0.7)

1: Total excludes 199 not tested.

2,3: Total excludes 10 aged under 10 or older than 24 years; 13 of unknown age.

Table 14. Adolescents screened for chlamydia and/or gonorrhea at Barry J. Nidorf Juvenile Hall, January 1 - December 31, 2004

Characteristics	Total		1 st Quarter		2 nd Quarter		3 rd Quarter		4 th Quarter	
	N	%	N	%	N	%	N	%	N	%
Barry J. Nidorf Juvenile Hall	4,301	100.0	1,161	100.0	1,021	100.0	1,073	100.0	1,046	100.0
Male ^{1,2}										
10-13	117	3.4	29	3.2	30	3.5	27	3.1	31	3.6
14-16	1,602	46.1	399	44.1	394	46.1	427	49.4	382	44.8
17-19	1,737	50.0	472	52.1	424	49.6	406	46.9	435	51.0
20-23	21	0.6	5	0.6	6	0.7	5	0.6	5	0.6
Subtotal	3,477	100.0	905	100.0	854	100.0	865	100.0	853	100.0
Female ^{1,2}										
10-13	21	2.6	8	3.2	4	2.4	3	1.4	6	3.2
14-16	431	53.3	145	58.2	87	53.0	99	47.9	100	52.9
17-19	355	43.9	95	38.2	73	44.5	105	50.7	82	43.4
20-23	2	0.2	1	0.4	0	0.0	0	0.0	1	0.5
Subtotal	809	100.0	249	100.0	164	100.0	207	100.0	189	100.0
Race/Ethnicity										
White	557	13.0	142	12.2	141	13.8	152	14.2	122	11.7
African American	923	21.5	233	20.1	233	22.8	229	21.3	228	21.8
American Indian/American Native	11	0.3	1	0.1	3	0.3	3	0.3	4	0.4
Asian/Pacific Islander	73	1.7	28	2.4	17	1.7	18	1.7	10	1.0
Other	23	0.5	4	0.3	7	0.7	8	0.7	4	0.4
Multi-racial	9	0.2	1	0.1	2	0.2	5	0.5	1	0.1
Undeclared	288	6.7	91	7.8	50	4.9	76	7.1	71	6.8
Hispanic	2,417	56.2	661	56.9	568	55.6	582	54.2	606	57.9
Chlamydia Test Results										
Positive	227	5.3	58	5.0	53	5.2	62	5.8	54	5.2
Negative	3,947	91.8	1,082	93.2	929	91.0	977	91.1	959	91.7
Inconclusive	11	0.3	9	0.8	0	0.0	1	0.1	1	0.1
Rejected	30	0.7	2	0.2	15	1.5	8	0.7	5	0.5
Request credited/Not tested ³	86	2.0	10	0.9	24	2.4	25	2.3	27	2.6
Gonorrhea Test Results										
Positive	53	1.2	15	1.3	10	1.0	12	1.1	16	1.5
Negative	4,062	94.4	1,106	95.3	952	93.2	1,020	95.1	984	94.1
Inconclusive	11	0.3	10	0.9	0	0.0	0	0.0	1	0.1
Rejected	30	0.7	2	0.2	14	1.4	9	0.8	5	0.5
Not tested	145	3.4	28	2.4	45	4.4	32	3.0	40	3.8
Comorbidity (Both chlamydia and gonorrhea positive)										
Yes	32	12.9	11	17.7	4	6.8	8	12.1	9	14.8
No	216	87.1	51	82.3	55	93.2	58	87.9	52	85.2

1,2: Total excludes 7 aged under 10 or older than 24 years; 8 of unknown age.

3: includes 57 not tested; 2 request credited (request credit definition includes "No specimen received", "Duplicate request", "Order error", "Specimen rejected").

Table 15. Prevalence of chlamydia among adolescents screened at Barry J. Nidorf Juvenile Hall, January 1 - December 31, 2004

Characteristics			1 st Quarter			2 nd Quarter			3 rd Quarter			4 th Quarter		
	Total	Positive	Total	Positive	YTD	Total	Positive	YTD	Total	Positive	YTD	Total	Positive	YTD
		N (%)		N (%)	Positive N (%)		N (%)	Positive N (%)		N (%)	Positive N (%)		N (%)	Positive N (%)
Barry J. Nidorf Juvenile Hall ¹	4,215	227 (5.4)	1,151	58 (5.0)	58 (5.0)	997	53 (5.3)	111 (5.2)	1,048	62 (5.9)	173 (5.4)	1,019	54 (5.3)	227 (5.4)
Male ^{2,3}														
10-13	115	0 (0.0)	28	0 (0.0)	0 (0.0)	30	0 (0.0)	0 (0.0)	27	0 (0.0)	0 (0.0)	30	0 (0.0)	0 (0.0)
14-16	1,572	39 (2.5)	399	9 (2.3)	9 (2.3)	389	10 (2.6)	19 (2.4)	414	11 (2.7)	30 (2.5)	370	9 (2.4)	39 (2.5)
17-19	1,708	85 (5.0)	468	23 (4.9)	23 (4.9)	415	18 (4.3)	41 (4.6)	402	24 (6.0)	65 (5.1)	423	20 (4.7)	85 (5.0)
20-23	20	2 (10.0)	5	0 (0.0)	0 (0.0)	5	1 (20.0)	1 (10.0)	5	0 (0.0)	1 (6.7)	5	1 (20.0)	2 (10.0)
Female ^{2,3}														
10-13	21	1 (4.8)	8	1 (12.5)	1 (12.5)	4	0 (0.0)	1 (8.3)	3	0 (0.0)	1 (6.7)	6	0 (0.0)	1 (4.8)
14-16	423	46 (10.9)	142	13 (9.2)	13 (9.2)	84	15 (17.9)	28 (12.4)	98	8 (8.2)	36 (11.1)	99	10 (10.1)	46 (10.9)
17-19	341	52 (15.2)	94	11 (11.7)	11 (11.7)	68	9 (13.2)	20 (12.3)	98	19 (19.4)	39 (15.0)	81	13 (16.0)	52 (15.2)
20-23	2	1 (50.0)	1	0 (0.0)	0 (0.0)	0	0 (n/a)	0 (0.0)	0	0 (n/a)	0 (0.0)	1	1 (100.0)	1 (50.0)
Race/Ethnicity														
White	547	15 (2.7)	140	5 (3.6)	5 (3.6)	138	2 (1.4)	7 (2.5)	149	3 (2.0)	10 (2.3)	120	5 (4.2)	15 (2.7)
African American	897	86 (9.6)	228	17 (7.5)	17 (7.5)	226	24 (10.6)	41 (9.0)	222	28 (12.6)	69 (10.2)	221	17 (7.7)	86 (9.6)
American Indian/American Native	11	0 (0.0)	1	0 (0.0)	0 (0.0)	3	0 (0.0)	0 (0.0)	3	0 (0.0)	0 (0.0)	4	0 (0.0)	0 (0.0)
Asian/Pacific Islander	72	2 (2.8)	28	2 (7.1)	2 (7.1)	16	0 (0.0)	2 (4.5)	18	0 (0.0)	2 (3.2)	10	0 (0.0)	2 (2.8)
Other	23	4 (17.4)	4	1 (25.0)	1 (25.0)	7	0 (0.0)	1 (9.1)	8	1 (12.5)	2 (10.5)	4	2 (50.0)	4 (17.4)
Multi-racial	8	0 (0.0)	1	0 (0.0)	0 (0.0)	2	0 (0.0)	0 (0.0)	4	0 (0.0)	0 (0.0)	1	0 (0.0)	0 (0.0)
Undeclared	267	20 (7.5)	90	5 (5.6)	5 (5.6)	39	4 (10.3)	9 (7.0)	72	6 (8.3)	15 (7.5)	66	5 (7.6)	20 (7.5)
Hispanic	2,390	100 (4.2)	659	28 (4.2)	28 (4.2)	566	23 (4.1)	51 (4.2)	572	24 (4.2)	75 (4.2)	593	25 (4.2)	100 (4.2)

1: Total excludes 84 not tested; 2 request credited (request credit definition includes "No specimen received", "Duplicate request", "Order error", "Specimen rejected").

2,3: Total excludes 6 aged under 10 or older than 24 years; 7 of unknown age.

Table 16. Prevalence of gonorrhea among adolescents screened at Barry J. Nidorf Juvenile Hall, January 1 - December 31, 2004

Characteristics			1 st Quarter			2 nd Quarter			3 rd Quarter			4 th Quarter		
	Total	Positive	Total	Positive	YTD	Total	Positive	YTD	Total	Positive	YTD	Total	Positive	YTD
		N (%)		N (%)	Positive N (%)		N (%)	Positive N (%)		N (%)	Positive N (%)		N (%)	Positive N (%)
Barry J. Nidorf Juvenile Hall ¹	4,156	53 (1.3)	1,133	15 (1.3)	15 (1.3)	976	10 (1)	25 (1.2)	1,041	12 (1.2)	37 (1.2)	1,006	16 (1.6)	53 (1.3)
Male ^{2,3}														
10-13	113	0 (0.0)	28	0 (0.0)	0 (0.0)	29	0 (0.0)	0 (0.0)	26	0 (0.0)	0 (0.0)	30	0 (0.0)	0 (0.0)
14-16	1,552	7 (0.5)	393	2 (0.5)	2 (0.5)	380	2 (0.5)	4 (0.5)	411	0 (0.0)	4 (0.3)	368	3 (0.8)	7 (0.5)
17-19	1,678	11 (0.7)	457	4 (0.9)	4 (0.9)	405	3 (0.7)	7 (0.8)	401	2 (0.5)	9 (0.7)	415	2 (0.5)	11 (0.7)
20-23	20	0 (0.0)	5	0 (0.0)	0 (0.0)	5	0 (0.0)	0 (0.0)	5	0 (0.0)	0 (0.0)	5	0 (0.0)	0 (0.0)
Female ^{2,3}														
10-13	20	1 (5.0)	7	1 (14.3)	1 (14.3)	4	0 (0.0)	1 (9.1)	3	0 (0.0)	1 (7.1)	6	0 (0.0)	1 (5.0)
14-16	421	17 (4.0)	142	3 (2.1)	3 (2.1)	83	3 (3.6)	6 (2.7)	98	5 (5.1)	11 (3.4)	98	6 (6.1)	17 (4.0)
17-19	337	17 (5.0)	94	5 (5.3)	5 (5.3)	68	2 (2.9)	7 (4.3)	96	5 (5.2)	12 (4.7)	79	5 (6.3)	17 (5.0)
20-23	2	0 (0.0)	1	0 (0.0)	0 (0.0)	0	0 (n/a)	0 (0.0)	0	0 (n/a)	0 (0.0)	1	0 (0.0)	0 (0.0)
Race/Ethnicity														
White	542	9 (1.7)	140	2 (1.4)	2 (1.4)	137	3 (2.2)	5 (1.8)	149	3 (2.0)	8 (1.9)	116	1 (0.9)	9 (1.7)
African American	885	27 (3.1)	222	7 (3.2)	7 (3.2)	224	4 (1.8)	11 (2.5)	221	5 (2.3)	16 (2.4)	218	11 (5.0)	27 (3.1)
American Indian/American Native	9	1 (11.1)	1	0 (0.0)	0 (0.0)	3	0 (0.0)	0 (0.0)	3	0 (0.0)	0 (0.0)	2	1 (50.0)	1 (11.1)
Asian/Pacific Islander	71	0 (0.0)	28	0 (0.0)	0 (0.0)	16	0 (0.0)	0 (0.0)	17	0 (0.0)	0 (0.0)	10	0 (0.0)	0 (0.0)
Other	23	0 (0.0)	4	0 (0.0)	0 (0.0)	7	0 (0.0)	0 (0.0)	8	0 (0.0)	0 (0.0)	4	0 (0.0)	0 (0.0)
Multi-racial	9	0 (0.0)	1	0 (0.0)	0 (0.0)	2	0 (0.0)	0 (0.0)	5	0 (0.0)	0 (0.0)	1	0 (0.0)	0 (0.0)
Undeclared	263	5 (1.9)	89	0 (0.0)	0 (0.0)	40	0 (0.0)	0 (0.0)	70	3 (4.3)	3 (1.5)	64	2 (3.1)	5 (1.9)
Hispanic	2,354	11 (0.5)	648	6 (0.9)	6 (0.9)	547	3 (0.5)	9 (0.8)	568	1 (0.2)	10 (0.6)	591	1 (0.2)	11 (0.5)

1: Total excludes 145 not tested.

2,3: Total excludes 6 aged under 10 or older than 24 years; 7 of unknown age.

Table 17. Treatment status of participants screened for chlamydia and/or gonorrhea at Central, Los Padrinos, and Barry J. Nidorf Juvenile Halls, January 1 - December 31, 2004

Characteristics	Chlamydia				Gonorrhea			
	No. Positive	No. Treated	% Treated	Average Days to Treatment (Range)	No. Positive	No. Treated	% Treated	Average Days to Treatment (Range)
All Halls	1,458	1,247	85.5	9.43 (0-158)	313	254	81.2	8.03 (0 - 85)
Gender								
Male	806	658	81.6	11.19 (0-158)	123	93	75.6	8.98 (0 - 85)
Female	652	589	90.3	7.46 (0 - 96)	190	161	84.7	7.48 (0 - 49)
Unknown	0	0	N/A	N/A	0	0	N/A	N/A
Age								
10-13	15	14	93.3	5.29 (0 - 14)	8	6	75.0	11.83 (0 - 45)
14-16	603	528	87.6	9.51 (0-158)	152	128	84.2	8.22 (0 - 85)
17-19	829	696	84.0	9.38 (0-140)	152	119	78.3	7.64 (0 - 49)
20-23	9	8	88.9	13.50 (0 - 42)	1	1	100.0	7.00 (7 - 7)
>= 24	1	1	100.0	29.00 (29-29)	0	0	N/A	N/A
Unknown	1	0	0.0	N/A	0	0	N/A	N/A
Ethnicity								
White	63	54	85.7	7.94 (0 - 42)	26	20	76.9	6.25 (0 - 17)
African American	665	574	86.3	8.93 (0-122)	184	152	82.6	7.47(0 - 45)
American Indian/American Native	1	1	100.0	0 (0 - 0)	1	1	100.0	4.00 (4 - 4)
Asian/Pacific Islander	24	19	79.2	6.63 (0 - 32)	2	2	100.0	11.50 (9 - 14)
Other	6	5	83.3	3.60 (0 - 7)	0	0	N/A	N/A
Multi-racial	3	3	100.0	17.67 (4 - 39)	0	0	N/A	N/A
Undeclared	88	69	78.4	7.46 (0 - 82)	21	17	81.0	8.76 (0 - 49)
Hispanic	608	522	85.9	10.52 (0-158)	79	62	78.5	9.73 (0 - 85)
Month								
January	114	93	81.6	11.02 (0-122)	16	13	81.3	10.00 (0 - 32)
February	95	80	84.2	9.14 (0 - 76)	19	14	73.7	7.71 (0 - 30)
March	130	108	83.1	10.32 (0 - 80)	29	23	79.3	6.61 (0 - 16)
April	137	119	86.9	11.13 (0-158)	26	23	88.5	8.00 (1 - 19)
May	140	123	87.9	6.63 (0 - 69)	33	30	90.9	12.60 (0 - 85)
June	120	102	85.0	8.50 (0 - 74)	24	18	75.0	8.94 (0 - 45)
July	103	85	82.5	8.61 (0-114)	20	18	90.0	7.72 (2 - 19)
August	113	102	90.3	9.24 (0 - 80)	22	17	77.3	4.82 (0 - 14)
September	110	95	86.4	8.48 (0 - 50)	30	27	90.0	6.96 (0 - 41)
October	136	123	90.4	9.66 (0 - 96)	34	25	73.5	6.92 (0 - 22)
November	118	92	78.0	10.04 (0 - 83)	29	20	69.0	6.75 (2 - 16)
December	142	125	88.0	10.32 (0 - 64)	31	26	83.9	8.04 (0 - 26)

Table 18. Treatment status of participants screened for chlamydia and/or gonorrhea at Central Juvenile Hall, January 1 - December 31, 2004

Characteristics	Chlamydia				Gonorrhea			
	No. Positive	No. Treated	% Treated	Average Days to Treatment (Range)	No. Positive	No. Treated	% Treated	Average Days to Treatment (Range)
Central Juvenile Hall	436	369	84.6	9.12 (0 - 80)	83	66	79.5	9.45 (0 - 49)
Gender								
Male	203	155	76.4	12.63 (0 - 80)	27	21	77.8	10.52 (4 - 32)
Female	233	214	91.8	6.57 (0 - 41)	56	45	80.4	8.49 (0 - 49)
Unknown	0	N/A	N/A	N/A	0	N/A	N/A	N/A
Age								
10-13	6	6	100.0	4.67 (0 - 13)	2	1	50.0	0.00 (0 - 0)
14-16	191	160	83.8	8.92 (0 - 80)	43	36	83.7	8.58 (0 - 32)
17-19	237	201	84.8	9.41 (0 - 80)	38	29	76.3	10.86 (2 - 49)
20-23	2	2	100.0	9.00 (0 - 18)	0	N/A	N/A	N/A
>= 24	0	N/A	N/A	N/A	0	N/A	N/A	N/A
Unknown	0	N/A	N/A	N/A	0	N/A	N/A	N/A
Ethnicity								
White	19	15	78.9	5.53 (0 - 12)	5	5	100.0	6.20 (2 - 9)
African American	192	164	85.4	9.35 (0 - 80)	46	36	78.3	10.28 (0 - 32)
American Indian/American Native	1	1	100.0	0.00 (0 - 0)	0	N/A	N/A	N/A
Asian/Pacific Islander	6	6	100.0	10.00 (2 - 32)	0	N/A	N/A	N/A
Other	2	2	100.0	7.00 (7 - 7)	0	N/A	N/A	N/A
Multi-racial	3	3	100.0	17.67 (4 - 39)	0	N/A	N/A	N/A
Undeclared	31	24	77.4	8.33 (0 - 47)	5	4	80.0	16 (0 - 49)
Hispanic	182	154	84.6	9.23 (0 - 64)	27	21	77.8	7.57 (0 - 22)
Month								
January	32	27	84.4	8.59 (0 - 40)	6	6	100.0	14.67 (5 - 14)
February	27	23	85.2	8.74 (0 - 60)	5	4	80.0	6.50 (2 - 14)
March	37	28	75.7	13.07 (0 - 80)	9	7	77.8	8.00 (0 - 16)
April	49	41	83.7	10.78 (0 - 50)	7	7	100.0	12.00 (5 - 19)
May	42	37	88.1	4.30 (0 - 16)	7	5	71.4	14.6 (0 - 49)
June	30	27	90.0	8.22 (0 - 41)	6	4	66.7	5.50 (0 - 10)
July	31	27	87.1	9.11 (0 - 80)	4	4	100.0	9.00 (2 - 19)
August	29	25	86.2	8.28 (0 - 41)	5	2	40.0	2.50 (2 - 3)
September	37	31	83.8	7.29 (0 - 50)	9	9	100.0	8.44 (3 - 20)
October	38	36	94.7	9.83 (0 - 34)	10	5	50.0	9.20 (0 - 22)
November	41	30	73.2	7.13 (0 - 47)	9	8	88.9	7.25 (2 - 16)
December	43	37	86.0	13.41 (0 - 64)	6	5	83.3	10.80 (3 - 26)

Table 19. Treatment status of participants screened for chlamydia and/or gonorrhea at Los Padrios Juvenile Hall, January 1 - December 31, 2004

Characteristics	Chlamydia				Gonorrhea			
	No. Positive	No. Treated	% Treated	Average Days to Treatment (Range)	No. Positive	No. Treated	% Treated	Average Days to Treatment (Range)
Los Padrios Juvenile Hall	795	680	85.5	9.71 (0-158)	177	141	79.7	7.57 (0 - 69)
Gender								
Male	476	398	83.6	10.99 (0-158)	78	57	73.1	8.21 (0 - 69)
Female	319	282	88.4	7.89 (0 - 96)	99	84	84.8	7.14 (0 - 30)
Unknown	0	N/A	N/A	N/A	0	N/A	N/A	N/A
Age								
10-13	8	7	87.5	6.43 (0 - 14)	5	4	80.0	17.50 (5 - 45)
14-16	327	292	89.3	9.68 (0-158)	85	71	83.5	7.51 (0 - 69)
17-19	455	378	83.1	9.79 (0-140)	86	65	75.6	7.05 (0 - 41)
20-23	4	3	75.0	8.33 (0 - 18)	1	1	100.0	7.00 (7 - 7)
>= 24	0	N/A	N/A	N/A	0	N/A	N/A	N/A
Unknown	1	0	0.0	N/A	0	N/A	N/A	N/A
Ethnicity								
White	29	24	82.8	6.96 (0 - 17)	12	8	66.7	5.63 (0 - 12)
African American	387	336	86.8	9.11 (0-122)	111	90	81.1	6.92 (0 - 45)
American Indian/American Native	0	N/A	N/A	N/A	0	N/A	N/A	N/A
Asian/Pacific Islander	16	13	81.3	5.08 (0 - 14)	2	2	100.0	11.50 (9 - 14)
Other	0	N/A	N/A	N/A	0	N/A	N/A	N/A
Multi-racial	0	N/A	N/A	N/A	0	N/A	N/A	N/A
Undeclared	37	29	78.4	7.41 (0 - 82)	11	10	90.9	6.50 (4 - 11)
Hispanic	326	278	85.3	11.12 (0-158)	41	31	75.6	10.06 (0 - 69)
Month								
January	70	57	81.4	11.28 (0-122)	8	5	62.5	5.40 (0 - 11)
February	48	42	87.5	9.33 (0 - 76)	10	8	80.0	8.75 (0 - 30)
March	67	56	83.6	9.57 (0 - 74)	11	7	63.6	8.00 (4 - 14)
April	75	65	86.7	10.11 (0-158)	16	13	81.3	6.46 (1 - 11)
May	74	65	87.8	7.80 (0 - 69)	21	20	95.2	9.85 (2 - 69)
June	74	60	81.1	8.00 (0 - 56)	16	13	81.3	10.69 (0 - 45)
July	58	47	81.0	8.68 (0-114)	13	11	84.6	7.09 (2 - 13)
August	51	46	90.2	12.30 (0 - 80)	11	10	90.9	4.50 (0 - 6)
September	58	52	89.7	9.94 (0 - 44)	18	15	83.3	6.73 (0 - 41)
October	78	71	91.0	9.18 (0 - 96)	21	18	85.7	5.89 (0 - 13)
November	67	53	79.1	12.21 (0 - 83)	16	8	50.0	7.13 (4 - 14)
December	75	66	88.0	9.02 (0 - 64)	16	13	81.3	8.31 (0 - 24)

Table 20. Treatment status of participants screened for chlamydia and/or gonorrhea at Barry J. Nidorf Juvenile Hall, January 1 - December 31, 2004

Characteristics	Chlamydia				Gonorrhea			
	No. Positive	No. Treated	% Treated	Average Days to Treatment (Range)	No. Positive	No. Treated	% Treated	Average Days to Treatment (Range)
Barry J. Nidorf Juvenile Hall	227	198	87.2	9.07 (0 - 109)	53	47	88.7	7.38 (0 - 85)
Gender								
Male	127	105	82.7	9.85 (0 - 109)	18	15	83.3	8.33 (0 - 85)
Female	100	93	93.0	8.19 (0 - 48)	35	32	91.4	6.94 (1 - 18)
Unknown	0	N/A	N/A	N/A	0	N/A	N/A	N/A
Age								
10-13	1	1	100.0	1.00 (1 - 1)	1	1	100.0	1.00 (1 - 1)
14-16	85	76	89.4	10.05 (0 - 109)	24	21	87.5	10.00 (1 - 85)
17-19	137	117	85.4	8.01 (0 - 94)	28	25	89.3	5.44 (0 - 17)
20-23	3	3	100.0	21.67 (8 - 42)	0	N/A	N/A	N/A
>= 24	1	1	100.0	29.00 (29 - 29)	0	N/A	N/A	N/A
Unknown	0	N/A	N/A	N/A	0	N/A	N/A	N/A
Ethnicity								
White	15	15	100.0	11.93 (0 - 42)	9	7	77.8	7.00 (0 - 17)
African American	86	74	86.0	7.20 (0 - 49)	27	26	96.3	5.46 (0 - 18)
American Indian/American Native	0	N/A	N/A	N/A	0	N/A	N/A	N/A
Asian/Pacific Islander	2	0	0.0	N/A	1	1	100.0	4.00 (4 - 4)
Other	4	3	75.0	1.33 (0 - 4)	0	N/A	N/A	N/A
Multi-racial	0	N/A	N/A	N/A	0	N/A	N/A	N/A
Undeclared	7	5	71.4	6.25 (0 - 21)	5	3	60.0	6.67 (4 - 12)
Hispanic	99	89	89.9	10.89 (0-109)	11	10	90.9	13.20 (1 - 85)
Month								
January	12	9	75.0	16.67 (2 - 48)	2	2	100.0	7.50 (6 - 9)
February	20	15	75.0	9.20 (0 - 46)	4	2	50.0	6.00 (6 - 6)
March	26	24	92.3	8.88 (0 - 49)	9	9	100.0	4.44 (0 - 11)
April	13	13	100.0	17.38 (0-109)	3	3	100.0	5.33 (1 - 8)
May	24	21	87.5	7.14 (0 - 17)	5	5	100.0	21.60 (4 - 85)
June	16	15	93.8	11.00 (0 - 74)	2	1	50.0	0.00 (0 - 0)
July	14	11	78.6	7.09 (0 - 23)	3	3	100.0	8.33 (4 - 17)
August	33	31	93.9	5.45 (0 - 22)	6	5	83.3	6.40 (3 - 14)
September	15	12	80.0	5.25 (0 - 13)	3	3	100.0	3.67 (2 - 6)
October	20	16	80.0	11.38 (0 - 94)	3	2	66.7	10.50 (3 - 18)
November	10	9	90.0	7.00 (0 - 35)	4	4	100.0	5.00 (3 - 9)
December	24	22	91.7	9.05 (0 - 42)	9	8	88.9	5.88 (1 - 12)

Appendix A: Technical Notes

DATA COLLECTION

Upon medical intake at admission, juvenile hall nurses order chlamydia and gonorrhea tests by completing laboratory requisition forms to send with the specimens to Public Health Laboratory (PHL). All requisition forms and subsequent lab results are then entered into the MYSIS database by PHL clerical staff. Hard copies of the requisition slips are stored at the PHL and picked up by STD Program staff. The data from this requisition slip (minus the laboratory results) are entered into the STD Program Juvenile Hall database by data entry staff. In preparation for data analyses, the MYSIS and Juvenile Hall datasets are then cleaned and merged into a final dataset by STD Program Epidemiology staff. Quarterly cumulative data from this project are formatted according to CDC's Infertility Prevention Project (IPP) guidelines, and sent to the Region IX IPP data manager and to CDC's Juvenile Hall STD Prevalence Monitoring Project.

Statistical Analysis Software (SAS) 8.2 was used to analyze data for this report.

Appendix B: Clinical Description of Chlamydia and Gonorrhea

California State law (California Administrative Code, Title 17, Public Health, Section 2500, 1996) requires all health care providers to report selected communicable diseases to local health departments. Six of these diseases are reported directly to the County STD Program using the STD Confidential Morbidity Report (STD CMR, Rev. 11/03). These six include: chlamydia, gonorrhea, syphilis, non-gonococcal/non-chlamydial urethritis (NGU), non-gonococcal/non-chlamydial pelvic inflammatory disease, and chancroid. The following case definitions should assist physicians and other health care providers in the reporting process. The clinical description for each disease is brief; a more thorough discussion can be found in **Sexually Transmitted Diseases** (2nd Edition, 1990) by Holmes, et al. STD Program staff is available to answer any questions you may have concerning STD case definitions and STD reporting requirements. Two of the six most frequently reported STDs are diagnosed as follows:

CHLAMYDIA

1. Clinical description

Presence of mucopurulent cervical, urethral, or rectal discharge; epididymitis, salpingitis, or PID in adults; conjunctivitis or pneumonia in infants born to mothers with untreated infection. Asymptomatic infections are common.

2. Criteria for diagnosis

Laboratory identification of *Chlamydia trachomatis* infection by culture, antigen detection, or nucleic acid detection (amplified or non-amplified) methods.

GONORRHEA

1. Clinical description

Presence of purulent cervical, urethral, or rectal discharge; epididymitis, pharyngitis, salpingitis, or PID in adults; conjunctivitis in neonates born to mothers with untreated infection. Asymptomatic infections are common.

2. Criteria for diagnosis

Compatible clinical picture and sexual exposure to a person infected with *N. gonorrhoeae*, OR a, b, or c.

- a. Observation of Gram negative intracellular diplococci in urethral specimen from a male,
- b. Isolation of typical gram-negative, oxidase positive diplococci from a clinical specimen,
- c. Laboratory identification of *N. gonorrhoeae* infection by culture, antigen detection, or nucleic acid detection (amplified or non-amplified) methods.

Appendix C: Laboratory Tests for Chlamydia and Gonorrhea

The Los Angeles County (DHS) Public Health Laboratory detects *Chlamydia trachomatis* and *Neisseria gonorrhoeae* in urine using nucleic acid amplification tests (NAATs). Such tests can detect and exponentially amplify as few as one copy of DNA or RNA in a clinical specimen. During the reporting period, the Public Health Laboratory used the Aptima Combo 2 Assay (Gen-Probe, Inc., San Diego, CA). A brief explanation of the assay follows.

The Aptima Combo 2 targets rRNA. This newer assay simultaneously tests for chlamydia and gonorrhea in the same specimen. It uses three technologies: target capture, transcription-mediated amplification (TMA), and dual kinetic assay (DKA). Target capture is used to separate the target sequence from other substances. Amplification is accomplished by TMA. Hybridization Protection Assay is used to label the amplified product with a molecule that emits a chemiluminescent signal. The light that is produced is detected using DKA. Signals for chlamydia and gonorrhea are simultaneously detected. Urine specimens must be added to the Gen-Probe transport tube, which contains a preservative. Specimens may be held at room temperature up to 30 days before testing. Frozen specimens may be held up to 90 days after collection. The Public Health Laboratory processes specimens within three days after the specimen arrives in the laboratory.



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Public Health

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