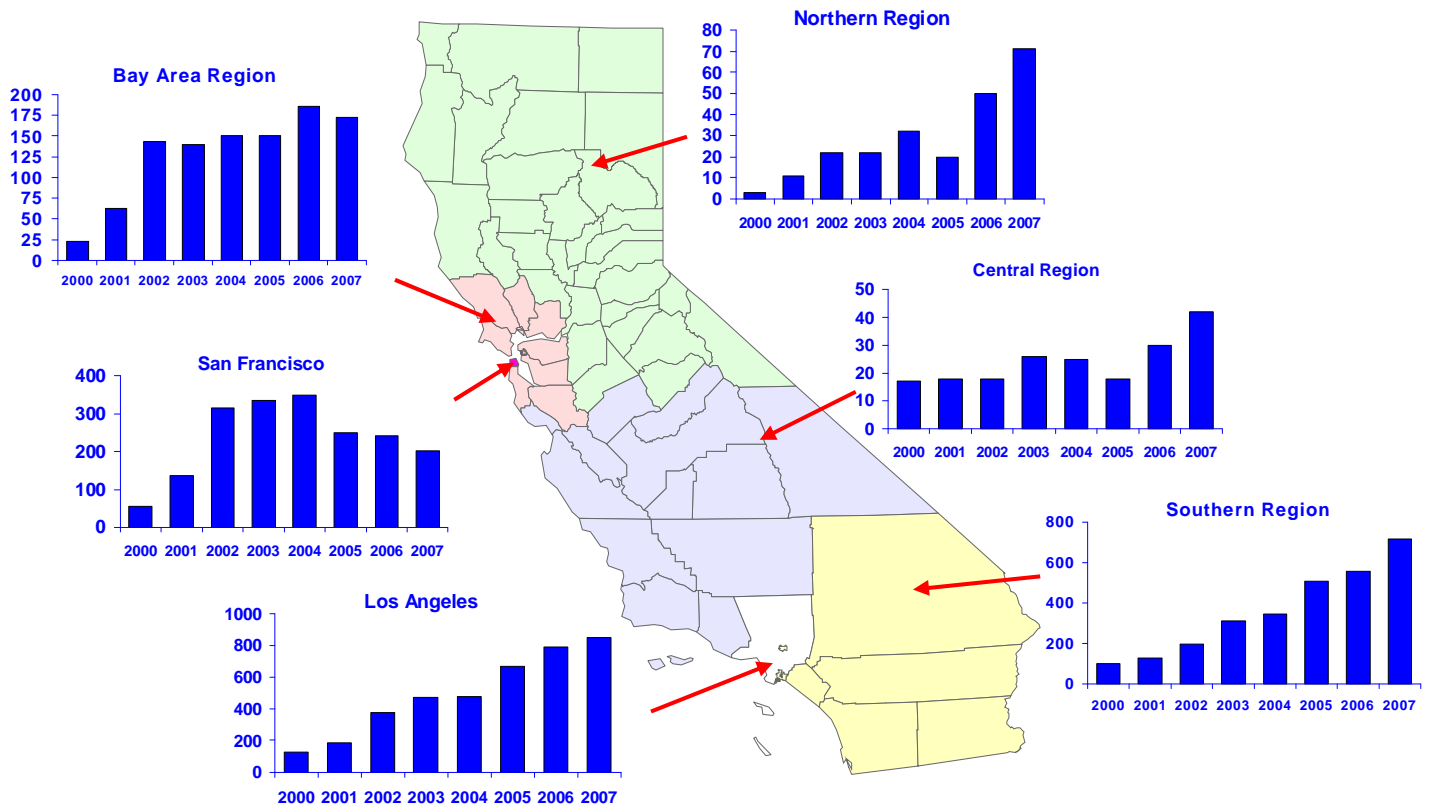


State of California Syphilis Elimination Surveillance Data, 2007

Data through December 2007
 California Department of Public Health
 Center for Infectious Diseases
 Division of Communicable Disease Control
 Sexually Transmitted Disease Control Branch

Figure 1: Primary and Secondary Syphilis Case Counts by Region, California 2000-2007



Prepared by the California Department of Public Health.

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¹ P&S Primary and Secondary

² MSM Men who have sex with men

Introduction

This report, State of California Syphilis Elimination Surveillance Data, 2007, includes recent data analysis for primary and secondary (P&S) syphilis cases in California from January 1, 2000 through December 31, 2007. The California Department of Public Health (CDPH), Center for Infectious Diseases (CID), Division of Communicable Disease Control (DCDC), Sexually Transmitted Disease (STD) Control Branch, presents these data regularly to describe the epidemiologic profile of infectious syphilis in California, including a regional description of the California Project Area, Los Angeles, and San Francisco. All dates in this document are based on the date of diagnosis.

The first section of this report contains bulleted highlights and elimination indicators of P&S syphilis in California overall, as well as data tables for all reported cases, MSM, and male heterosexuals/females. The second section contains a narrative overview and several figures detailing key trends of P&S syphilis statewide. The third section contains regional data, including summary points and data tables for MSM and male heterosexual/female cases separately. All percentages for risk factors are based on interviewed cases only. Data in this report may differ slightly from data in other state reports, due to varying methods for handling duplicates and dates.

Please contact Rilene Chew (510-620-3410; rilene.chew@cdph.ca.gov) or Michael Samuel (510-620-3198; michael.samuel@cdph.ca.gov) at the Epidemiology and Surveillance Section, STD Control Branch with any questions, comments, or suggestions.

California 2007 Overview

- 2,050 P&S syphilis cases were reported in California in 2007, an increase of 10.6 percent from 2006. This was the eighth consecutive year of increases in the number of reported P&S syphilis cases, since a low of 285 cases in 1999. 1,729 (84.3 percent) of reported P&S syphilis cases were interviewed.
- Males made up the majority of reported P&S syphilis cases in 2007 (94.1 percent), similar to the percentages for recent years. MSM accounted for 79.6 percent of male P&S syphilis cases, and 74.9 percent overall. Following four consecutive years of increases, the number of female P&S syphilis cases decreased from 130 in 2006 to 119 in 2007.
- While the majority of cases in previous years have been 35 to 39 years old, the proportion of cases in this age group decreased from 20.4 percent in 2006 to 16.0 in 2007. In comparison, the proportion of cases in their 20s increased from 22.6 percent in 2006 to 28.5 percent in 2007.
- San Francisco experienced a third consecutive year of decreases in the number of reported P&S syphilis cases (Figure 1).
- San Diego reported the second highest number of P&S syphilis cases among California local health jurisdictions, at 351 cases in 2007, surpassing San Francisco's total of 202 cases.
- Reported methamphetamine (meth) use among interviewed P&S syphilis cases increased from 16.8 percent in 2006 to 17.7 percent in 2007 (Table 2a). This proportion was still lower than reported use in 2005 (22.9 percent); however, meth consistently remains the most commonly reported drug among interviewed P&S syphilis cases.
- Among interviewed MSM P&S syphilis cases, 34.2 percent reported Internet use to meet sex partners, compared to 29.8 percent in 2006 and 33.6 percent in 2005 (Table 2b). The Internet was the most commonly reported venue used to meet sex partners. Among cases who reported meeting sex partners online, Adam4Adam.com was the most popular website (44.8 percent), followed by Manhunt.com (24.3 percent), Gay.com (16.0 percent) and Craigslist.com (14.3 percent).
- Among interviewed MSM P&S syphilis cases, 56.3 percent reported anonymous sex partners in the previous year; because of this, many cases do not have enough locating information to initiate traditional partner notification methods (Table 2b).
- Previous syphilis infection among interviewed MSM cases has increased from 8.8 percent in 2002 to 16.5 percent in 2007 (Table 2b).

Syphilis Elimination Indicators

Table 1: Syphilis Elimination Indicators for Primary and Secondary (P&S) Syphilis Cases, California, 2000-2007

Morbidity Trend	Year							
	2000	2001	2002	2003	2004	2005	2006	2007
P&S syphilis cases	323	541	1065	1303	1376	1611	1854	2050
California P&S syphilis rate (per 100,000) ¹	0.9	1.6	3.0	3.6	3.8	4.4	5.0	5.4
CPA ² only, P&S syphilis rate (per 100,000) ¹	0.6	0.9	1.5	1.9	2.1	2.6	3.0	3.7
Number of syphilis-free health jurisdictions	37	33	30	31	30	29	22	26
Number of counties accounting for 75 percent of P&S cases	5	5	4	4	4	4	5	4
Male:Female rate ratio ¹	5.3:1	14.5:1	29.0:1	23.3:1	24.0:1	11.6:1	13.1:1	17.0:1
Male African American:White rate ratio ¹	2.8:1	2.5:1	1.3:1	0.9:1	1.3:1	1.4:1	1.8:1	1.8:1
Female African American:White rate ratio ¹	9.0:1	7.0:1	13.0:1	7.0:1	9.5:1	7.5:1	10.0:1	6.5:1
Percentage of cases: MSM ³	52.6	71.0	84.6	81.7	79.1	71.6	73.2	74.9

¹ Populations based on the California Department of Finance.

² California Project Area includes all of California, with the exception of San Francisco and Los Angeles.

³ 'MSM' (Men who have sex with men) classification is based on patient's self-reported gender of sex partners and/or information obtained from a medical provider.

Prepared by the California Department of Public Health.

- More than three-fourths of reported P&S syphilis cases were from only four local health jurisdictions (LHJs): Los Angeles (n = 847, rate = 8.7 per 100,000), San Diego (n = 351, rate = 11.3), San Francisco (n = 202, rate = 24.9), and Orange (n = 141, rate = 4.5).
- Overall, 26 (42.6 percent) of California's 61 LHJs reported no P&S syphilis; i.e., more syphilis-free LHJs compared to 2006. Of the remaining 35 LHJs, 10 (28.6 percent) reported only one or two cases.
- The P&S syphilis rate ratio of African American males to non-Hispanic White males was 1.8:1, while the rate ratio among females was 6.5:1. For males, this rate ratio was consistent with that of 2006 and higher overall compared to a low of 0.9:1 in 2003. For females, this rate ratio decreased from 10.0:1 in 2006 to 6.5:1 in 2007.

Table 2a: ALL Primary and Secondary (P&S) Syphilis Cases, California, 2000-2007

	2000		2001		2002		2003		2004		2005		2006		2007	
	N=323	%	N=541	%	N=1065	%	N=1303	%	N=1376	%	N=1611	%	N=1854	%	N=2050	%
Area																
California Project Area	143	44.3	222	41.0	379	35.6	500	38.4	554	40.3	696	43.2	822	44.3	1001	48.8
San Francisco	53	16.4	136	25.1	314	29.5	334	25.6	348	25.3	249	15.5	241	13.0	202	9.9
Los Angeles	127	39.3	183	33.8	372	34.9	469	36.0	474	34.4	666	41.3	791	42.7	847	41.3
Sex																
Male	272	84.2	498	92.1	1026	96.3	1248	95.8	1315	95.6	1487	92.3	1723	92.9	1929	94.1
Female	51	15.8	43	7.9	39	3.7	53	4.1	60	4.4	124	7.7	130	7.0	119	5.8
Unknown	0	0.0	0	0.0	0	0.0	2	0.2	1	0.1	0	0.0	1	0.1	2	0.1
Sexual Orientation¹																
MSM	170	52.6	384	71.0	901	84.6	1064	81.7	1088	79.1	1153	71.6	1358	73.2	1536	74.9
Male Heterosexual	76	23.5	76	14.0	77	7.2	108	8.3	126	9.2	173	10.7	199	10.7	220	10.7
Female	51	15.8	43	7.9	39	3.7	53	4.1	60	4.4	123	7.6	130	7.0	119	5.8
Male Unknown	21	6.5	34	6.3	47	4.4	71	5.4	92	6.7	149	9.2	159	8.6	160	7.8
Transgender	5	1.5	4	0.7	1	0.1	5	0.4	9	0.7	12	0.7	7	0.4	11	0.5
Unk Sex/Sexual Orientation	0	0.0	0	0.0	0	0.0	2	0.2	1	0.1	0	0.0	1	0.1	2	0.1
Missing	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	0.1
Age																
<20	7	2.2	16	3.0	18	1.7	22	1.7	23	1.7	32	2.0	51	2.8	61	3.0
20-24	31	9.6	48	8.9	72	6.8	103	7.9	107	7.8	138	8.6	173	9.3	245	12.0
25-29	42	13.0	74	13.7	116	10.9	142	10.9	173	12.6	201	12.5	247	13.3	331	16.1
30-34	65	20.1	107	19.8	189	17.7	238	18.3	210	15.3	250	15.5	231	12.5	255	12.4
35-39	74	22.9	123	22.7	275	25.8	330	25.3	294	21.4	327	20.3	378	20.4	328	16.0
40-44	40	12.4	76	14.0	183	17.2	236	18.1	305	22.2	296	18.4	340	18.3	370	18.0
45-49	29	9.0	53	9.8	113	10.6	120	9.2	136	9.9	187	11.6	203	10.9	229	11.2
50+	35	10.8	44	8.1	99	9.3	112	8.6	128	9.3	180	11.2	231	12.5	231	11.3
Race/Ethnicity																
White	133	41.2	238	44.0	587	55.1	740	56.8	718	52.2	806	50.0	868	46.8	923	45.0
Latino	106	32.8	175	32.3	270	25.4	357	27.4	370	26.9	477	29.6	553	29.8	690	33.7
Black	66	20.4	88	16.3	122	11.5	105	8.1	165	12.0	199	12.4	282	15.2	289	14.1
Asian	14	4.3	24	4.4	54	5.1	63	4.8	68	4.9	67	4.2	71	3.8	66	3.2
Other ²	0	0.0	2	0.4	5	0.5	9	0.7	24	1.7	20	1.2	20	1.1	25	1.2
Missing	4	1.2	14	2.6	27	2.5	29	2.2	31	2.3	42	2.6	60	3.2	57	2.8
Provider Type																
EIP/HIV care facility	20	6.2	52	9.6	110	10.3	170	13.0	165	12.0	243	15.1	260	14.0	262	12.8
STD clinic	52	16.1	109	20.1	170	16.0	188	14.4	241	17.5	150	9.3	187	10.1	227	11.1
Family Planning	1	0.3	3	0.6	9	0.8	12	0.9	13	0.9	12	0.7	13	0.7	33	1.6
Correctional facility	13	4.0	9	1.7	16	1.5	29	2.2	34	2.5	55	3.4	63	3.4	72	3.5
Public clinic	53	16.4	63	11.6	160	15.0	179	13.7	218	15.8	223	13.8	225	12.1	291	14.2
Private provider	160	49.5	263	48.6	361	33.9	380	29.2	366	26.6	440	27.3	474	25.6	562	27.4
Other provider	24	7.4	42	7.8	134	12.6	141	10.8	128	9.3	109	6.8	125	6.7	148	7.2
Unknown	0	0.0	0	0.0	105	9.9	204	15.7	211	15.3	379	23.5	507	27.3	455	22.2
INTERVIEWED CASES ONLY																
	N=289	%	N=496	%	N=945	%	N=1128	%	N=1183	%	N=1317	%	N=1508	%	N=1729	%
HIV Status³																
Positive	77	33.0	214	51.8	497	60.1	558	55.1	543	52.1	593	52.9	685	53.4	766	49.5
Negative	156	67.0	199	48.2	330	39.9	454	44.9	500	47.9	527	47.1	598	46.6	781	50.5
Unknown/Refused	56		83		118		116		140		197		225		182	
Past Drug Use^{4,5}																
Methamphetamines	32	11.1	58	11.7	178	18.8	222	19.7	256	21.6	302	22.9	253	16.8	306	17.7
Cocaine	17	5.9	23	4.6	22	2.3	35	3.1	50	4.2	58	4.4	62	4.1	68	3.9
Crack	18	6.2	17	3.4	21	2.2	17	1.5	17	1.4	38	2.9	22	1.5	28	1.6
Heroin	4	1.4	4	0.8	3	0.3	3	0.3	10	0.8	6	0.5	15	1.0	14	0.8
Ecstasy	2	0.7	9	1.8	31	3.3	36	3.2	59	5.0	55	4.2	58	3.8	46	2.7
Marijuana	27	9.3	58	11.7	122	12.9	153	13.6	192	16.2	223	16.9	236	15.6	269	15.6
Poppers	0	0.0	1	0.2	3	0.3	9	0.8	35	3.0	40	3.0	37	2.5	40	2.3
Impotence drugs	0	0.0	2	0.4	30	3.2	102	9.0	134	11.3	78	5.9	83	5.5	33	2.1
Venues⁴																
Bars/clubs	64	22.1	154	31.0	264	27.9	322	28.5	340	28.7	367	27.9	368	24.4	493	28.5
Bathhouses/Sex clubs	39	13.5	111	22.4	225	23.8	233	20.7	223	18.9	180	13.7	164	10.9	201	11.6
Internet	20	6.9	62	12.5	227	24.0	317	28.1	370	31.3	341	25.9	355	23.5	479	27.7
Adult Bookstores/Cinemas	9	3.1	27	5.4	31	3.3	36	3.2	43	3.6	48	3.6	31	2.1	33	1.9
Motels/hotels	10	3.5	10	2.0	27	2.9	23	2.0	38	3.2	42	3.2	64	4.2	74	4.3
Private/Circuit Parties	6	2.1	8	1.6	36	3.8	25	2.2	72	6.1	81	6.2	71	4.7	115	6.7
Streets	30	10.4	32	6.5	78	8.3	79	7.0	98	8.3	120	9.1	133	8.8	121	7.0
CSW or received money/drugs for sex^{4,6}	40	13.8	31	6.3	39	4.1	43	3.8	41	3.5	63	4.8	61	4.0	65	3.8
Gave money/drugs for sex⁴	20	6.9	25	5.0	39	4.1	37	3.3	45	3.8	62	4.7	69	4.6	67	3.9
Had anonymous partners⁴	109	37.7	260	52.4	554	58.6	654	58.0	678	57.3	772	58.6	759	50.3	973	56.3
Past STD infection (non-syphilis)^{4,7}	17	5.9	47	9.5	77	8.1	118	10.5	110	9.3	85	6.5	87	5.8	140	8.1
Previous syphilis infection?	16	5.5	38	7.7	77	8.1	114	10.1	155	13.1	164	12.5	207	13.7	241	13.9
Currently incarcerated	13	4.5	9	1.8	19	2.0	36	3.2	39	3.3	65	4.9	63	4.2	80	4.6
Current or past year incarceration^{4,8}	29	10.0	26	5.2	39	4.1	63	5.6	82	6.9	123	9.3	124	8.2	176	10.2

¹Sexual orientation determined from patient's self-reported gender of sex partners and/or information obtained from medical provider

²Other race/ethnicity includes Native Hawaiian/Pacific Islander, American Indian/Alaskan Native, Multi-race, Other minorities, and "Other"

³HIV co-infection status based on patient self-disclosure; percentages exclude unknown/refused

⁴Refers to activity within the past year only

⁵CPA and LA provide general impotence drug use data, which may/may not specify drug name. SF provides data on use of specific drugs (Viagra, Cialis, Levitra) – data not available for 2007, so removed from denominator.

⁶CSW = commercial sex worker

⁷Past STD infection (non-syphilis) data not available for Los Angeles

⁸Past year incarceration not available for San Francisco

Table 2b: MSM P&S Syphilis Cases, California 2000-2007

	2000		2001		2002		2003		2004		2005		2006		2007	
	N=170	%	N=384	%	N=901	%	N=1064	%	N=1088	%	N=1153	%	N=1358	%	N=1536	%
Area																
California Project Area	63	37.1	139	36.2	318	35.3	390	36.7	421	38.7	488	42.3	605	44.6	739	48.1
San Francisco	42	24.7	116	30.2	290	32.2	317	29.8	325	29.9	218	18.9	217	16.0	185	12.0
Los Angeles	65	38.2	129	33.6	293	32.5	357	33.6	342	31.4	447	38.8	536	39.5	612	39.8
Sexual Orientation¹																
Male Bi-sexual	17	10.0	32	8.3	76	8.4	83	7.8	86	7.9	79	6.9	113	8.3	129	8.4
MSM Only	153	90.0	352	91.7	825	91.6	981	92.2	1002	92.1	1074	93.1	1245	91.7	1407	91.6
Age																
<20	1	0.6	4	1.0	8	0.9	7	0.7	6	0.6	12	1.0	23	1.7	30	2.0
20-24	10	5.9	26	6.8	56	6.2	69	6.5	77	7.1	79	6.9	122	9.0	186	12.1
25-29	19	11.2	55	14.3	96	10.7	116	10.9	131	12.0	136	11.8	180	13.3	247	16.1
30-34	43	25.3	79	20.6	169	18.8	201	18.9	166	15.3	182	15.8	177	13.0	184	12.0
35-39	50	29.4	98	25.5	235	26.1	280	26.3	247	22.7	249	21.6	288	21.2	262	17.1
40-44	22	12.9	56	14.6	162	18.0	202	19.0	253	23.3	223	19.3	268	19.7	286	18.6
45-49	13	7.6	35	9.1	88	9.8	104	9.8	108	9.9	148	12.8	145	10.7	175	11.4
50+	12	7.1	31	8.1	87	9.7	85	8.0	100	9.2	124	10.8	155	11.4	166	10.8
Race/Ethnicity																
White	91	53.5	199	51.8	537	59.6	670	63.0	632	58.1	664	57.6	712	52.4	749	48.8
Latino	47	27.6	105	27.3	204	22.6	253	23.8	271	24.9	311	27.0	395	29.1	502	32.7
Black	20	11.8	53	13.8	86	9.5	60	5.6	92	8.5	90	7.8	147	10.8	175	11.4
Asian	10	5.9	17	4.4	50	5.5	58	5.5	59	5.4	53	4.6	56	4.1	56	3.6
Other ²	0	0.0	1	0.3	5	0.6	7	0.7	21	1.9	16	1.4	16	1.2	19	1.2
Missing	2	1.2	9	2.3	19	2.1	16	1.5	13	1.2	19	1.6	32	2.4	35	2.3
Provider Type																
EIP/HIV care facility	17	10.0	49	12.8	97	10.8	154	14.5	151	13.9	215	18.6	236	17.4	230	15.0
STD clinic	25	14.7	82	21.4	155	17.2	174	16.4	214	19.7	125	10.8	174	12.8	196	12.8
Family Planning	0	0.0	1	0.3	4	0.4	2	0.2	7	0.6	5	0.4	8	0.6	22	1.4
Correctional facility	3	1.8	0	0.0	9	1.0	13	1.2	14	1.3	20	1.7	19	1.4	26	1.7
Public clinic	25	14.7	35	9.1	141	15.6	151	14.2	176	16.2	167	14.5	166	12.2	235	15.3
Private provider	86	50.6	189	49.2	296	32.9	313	29.4	276	25.4	312	27.1	342	25.2	408	26.6
Other provider	14	8.2	28	7.3	120	13.3	118	11.1	105	9.7	81	7.0	90	6.6	109	7.1
Unknown	0	0.0	0	0.0	79	8.8	139	13.1	145	13.3	228	19.8	323	23.8	310	20.2
INTERVIEWED CASES ONLY																
	N=163	%	N=372	%	N=822	%	N=961	%	N=986	%	N=1003	%	N=1176	%	N=1373	%
HIV Status³																
Positive	73	50.0	210	62.9	487	65.8	531	60.4	527	58.2	566	60.7	648	61.5	729	57.3
Negative	73	50.0	124	37.1	253	34.2	348	69.6	379	41.8	366	39.3	405	38.5	544	42.7
Unknown/Refused	17		38		82		82		80		71		123		100	
Past Drug Use⁴																
Methamphetamines	21	12.9	45	12.1	164	20.0	204	21.2	224	22.7	244	24.3	206	17.5	244	17.8
Cocaine	7	4.3	9	2.4	15	1.8	25	2.6	38	3.9	38	3.8	36	3.1	39	2.8
Crack	7	4.3	5	1.3	14	1.7	8	0.8	9	0.9	19	1.9	10	0.9	9	0.7
Heroin	0	0.0	0	0.0	2	0.2	2	0.2	7	0.7	2	0.2	6	0.5	8	0.6
Ecstasy	2	1.2	8	2.2	31	3.8	35	3.6	57	5.8	50	5.0	51	4.3	41	3.0
Marijuana	13	8.0	48	12.9	109	13.3	127	13.2	159	16.1	171	17.0	178	15.1	211	15.4
Poppers	0	0.0	1	0.3	3	0.4	9	0.9	33	3.3	40	4.0	37	3.1	39	2.8
Impotence drugs	0	0.0	2	0.5	30	3.6	102	10.6	133	13.5	78	7.8	82	7.0	29	2.4
Venues⁴																
Bars/clubs	46	28.2	133	35.8	246	29.9	298	31.0	302	30.6	305	30.4	313	26.6	430	31.3
Bathhouses/Sex clubs	38	23.3	111	29.8	223	27.1	232	24.1	220	22.3	180	17.9	162	13.8	201	14.6
Internet	19	11.7	61	16.4	227	27.6	313	32.6	365	37.0	337	33.6	350	29.8	469	34.2
Adult Bookstores/Cinemas	9	5.5	27	7.3	30	3.6	36	3.7	42	4.3	47	4.7	31	2.6	32	2.3
Motels/hotels	4	2.5	5	1.3	17	2.1	14	1.5	23	2.3	25	2.5	43	3.7	55	4.0
Private/Circuit Parties	4	2.5	6	1.6	34	4.1	22	2.3	60	6.1	59	5.9	59	5.0	91	6.6
Streets	14	8.6	18	4.8	62	7.5	57	5.9	65	6.6	72	7.2	69	5.9	59	4.3
CSW or received money/drugs for sex^{4,6}	7	4.3	11	3.0	25	3.0	21	2.2	23	2.3	33	3.3	31	2.6	32	2.3
Gave money/drugs for sex⁴	5	3.1	9	2.4	31	3.8	29	3.0	26	2.6	22	2.2	32	2.7	28	2.0
Had anonymous partners⁴	81	49.7	221	59.4	522	63.5	591	61.5	607	61.6	656	65.4	635	54.0	846	61.6
Past STD infection (non-syphilis)^{4,7}	13	8.0	42	11.3	73	8.9	109	11.3	101	10.2	69	6.9	79	6.7	123	9.0
Previous syphilis infection?	13	8.0	34	9.1	72	8.8	105	10.9	146	14.8	145	14.5	191	16.2	226	16.5
Currently incarcerated	3	1.8	0	0.0	11	1.3	16	1.7	16	1.6	25	2.5	20	1.7	31	2.3
Current or past year incarceration^{4,8}	8	4.9	12	3.2	23	2.8	33	3.4	40	4.1	55	5.5	50	4.3	89	6.5

¹Sexual orientation determined from patient's self-reported gender of sex partners and/or information obtained from medical provider

²Other race/ethnicity includes Native Hawaiian/Pacific Islander, American Indian/Alaskan Native, Multi-race, Other minorities, and "Other"

³HIV co-infection status based on patient self-disclosure; percentages exclude unknown/refused

⁴Refers to activity within the past year only

⁵CPA and LA provide general impotence drug use data, which may/may not specify drug name. SF provides data on use of specific drugs (Viagra, Cialis, Levitra) – data not available for 2007, so removed from denominator.

⁶CSW = commercial sex worker

⁷Past STD infection (non-syphilis) data not available for Los Angeles

⁸Past year incarceration not available for San Francisco

Table 2c: Male Heterosexual & Female P&S Syphilis Cases, California, 2000-2007

	2000		2001		2002		2003		2004		2005		2006		2007	
	N=127	%	N=119	%	N=116	%	N=161	%	N=186	%	N=297	%	N=329	%	N=339	%
Area																
California Project Area	70	57.9	68	63.6	53	49.5	87	55.4	83	46.4	149	51.9	151	46.7	174	51.9
San Francisco	11	8.7	14	11.8	13	11.2	7	4.3	7	3.8	12	4.0	8	2.4	7	2.1
Los Angeles	46	38.0	37	34.6	50	46.7	67	42.7	96	53.6	136	47.4	170	52.6	158	47.2
Sexual Orientation¹																
Male Heterosexual	76	59.8	76	63.9	77	66.4	108	67.1	126	67.7	173	58.2	199	60.5	220	64.9
Female	51	42.1	43	40.2	39	36.4	53	33.8	60	33.5	123	42.9	130	40.2	119	35.5
Age																
<20	6	4.7	12	10.1	10	8.6	13	8.1	17	9.1	19	6.4	24	7.3	24	7.1
20-24	20	15.7	16	13.4	13	11.2	32	19.9	23	12.4	38	12.8	40	12.2	41	12.1
25-29	14	11.0	14	11.8	15	12.9	18	11.2	28	15.1	48	16.2	42	12.8	54	15.9
30-34	17	13.4	21	17.6	13	11.2	22	13.7	25	13.4	47	15.8	38	11.6	49	14.5
35-39	19	15.0	17	14.3	29	25.0	27	16.8	30	16.1	46	15.5	54	16.4	32	9.4
40-44	14	11.0	13	10.9	11	9.5	20	12.4	30	16.1	42	14.1	44	13.4	49	14.5
45-49	15	11.8	17	14.3	16	13.8	11	6.8	17	9.1	25	8.4	40	12.2	39	11.5
50+	22	17.3	9	7.6	9	7.8	18	11.2	16	8.6	32	10.8	47	14.3	51	15.0
Race/Ethnicity																
White	35	27.6	24	20.2	28	24.1	34	21.1	40	21.5	78	26.3	81	24.6	98	28.9
Latino	49	38.6	60	50.4	51	44.0	86	53.4	74	39.8	118	39.7	116	35.3	131	38.6
Black	39	30.7	26	21.8	31	26.7	35	21.7	57	30.6	86	29.0	115	35.0	92	27.1
Asian	3	2.4	6	5.0	3	2.6	3	1.9	7	3.8	10	3.4	9	2.7	8	2.4
Other ²	0	0.0	1	0.8	0	0.0	1	0.6	3	1.6	3	1.0	2	0.6	4	1.2
Missing	1	0.8	2	1.7	3	2.6	2	1.2	5	2.7	2	0.7	6	1.8	6	1.8
Provider Type																
EIP/HIV care facility	2	1.6	2	1.7	6	5.2	9	5.6	3	1.6	10	3.4	5	1.5	8	2.4
STD clinic	24	18.9	23	19.3	14	12.1	14	8.7	20	10.8	22	7.4	13	4.0	26	7.7
Family Planning	1	0.8	2	1.7	5	4.3	9	5.6	6	3.2	6	2.0	5	1.5	9	2.7
Correctional facility	9	7.1	8	6.7	7	6.0	15	9.3	17	9.1	31	10.4	38	11.6	39	11.5
Public clinic	23	18.1	19	16.0	17	14.7	21	13.0	30	16.1	37	12.5	43	13.1	39	11.5
Private provider	60	47.2	54	45.4	46	39.7	45	28.0	44	23.7	89	30.0	87	26.4	100	29.5
Other provider	8	6.3	11	9.2	9	7.8	14	8.7	15	8.1	17	5.7	22	6.7	27	8.0
Unknown	0	0.0	0	0.0	12	10.3	34	21.1	51	27.4	85	28.6	116	35.3	91	26.8
INTERVIEWED CASES ONLY																
	N=116	%	N=115	%	N=113	%	N=155	%	N=175	%	N=280	%	N=291	%	N=315	%
HIV Status³																
Positive	3	3.7	3	3.9	8	9.8	20	16.1	8	6.5	18	10.3	18	8.8	23	9.2
Negative	79	96.3	73	96.1	74	90.2	104	83.9	116	93.5	156	89.7	186	91.2	226	90.8
Unknown/Refused	34		39		31		31		51		106		87		66	
Currently pregnant (females only)⁴	4	5.7	9	6.4	2	2.9	8	7.7	3	2.5	19	11.6	13	6.7	14	6.5
Pregnant partner (males only)⁵	2	2.7	4	5.4	1	1.3	1	1.0	4	3.3	6	3.6	14	7.4	3	1.4
Past Drug Use^{6,7}	30	25.9	38	33.0	37	32.7	49	31.6	70	40.0	136	48.6	139	47.8	161	51.1
Methamphetamines	9	7.8	11	9.6	13	11.5	16	10.3	29	16.6	52	18.6	46	15.8	55	17.5
Cocaine	10	8.6	13	11.3	7	6.2	10	6.5	11	6.3	19	6.8	24	8.2	27	8.6
Crack	11	9.5	12	10.4	7	6.2	9	5.8	7	4.0	18	6.4	11	3.8	19	6.0
Heroin	2	1.7	4	3.5	1	0.9	1	0.6	3	1.7	3	1.1	8	2.7	6	1.9
Ecstasy	0	0.0	1	0.9	0	0.0	0	0.0	2	1.1	5	1.8	5	1.7	5	1.6
Marijuana	13	11.2	9	7.8	13	11.5	25	16.1	30	17.1	51	18.2	54	18.6	57	18.1
Poppers	0	0.0	0	0.0	0	0.0	0	0.0	1	0.6	0	0.0	0	0.0	1	0.3
Impotence drugs	0	0.0	0	0.0	0	0.0	0	0.0	1	0.6	0	0.0	1	0.3	3	1.0
Venues Used to Meet Sex Partners⁸																
Bars/clubs	17	14.7	20	17.4	18	15.9	23	14.8	34	19.4	60	21.4	51	17.5	61	19.4
Bathhouses/Sex clubs	0	0.0	0	0.0	1	0.9	1	0.6	0	0.0	0	0.0	1	0.3	0	0.0
Internet	0	0.0	1	0.9	0	0.0	2	1.3	3	1.7	4	1.4	5	1.7	8	2.5
Adult Bookstores/Cinemas	0	0.0	0	0.0	1	0.9	0	0.0	1	0.6	1	0.4	0	0.0	1	0.3
Motels/hotels	6	5.2	5	4.3	10	8.8	8	5.2	14	8.0	15	5.4	20	6.9	17	5.4
Private/Circuit Parties	2	1.7	2	1.7	2	1.8	3	1.9	10	5.7	21	7.5	11	3.8	24	7.6
Streets	14	12.1	13	11.3	15	13.3	20	12.9	30	17.1	45	16.1	63	21.6	56	17.8
CSW or received money/drugs for sex^{6,8}	31	26.7	20	17.4	14	12.4	22	14.2	15	8.6	27	9.6	28	9.6	28	8.9
Gave money/drugs for sex⁶	11	9.5	15	13.0	7	6.2	6	3.9	18	10.3	36	12.9	36	12.4	34	10.8
Had anonymous partners⁶	25	21.6	37	32.2	31	27.4	59	38.1	61	34.9	109	38.9	120	41.2	114	36.2
Past STD infection (non-syphilis)^{6,9}	4	3.4	5	4.3	4	3.5	9	5.8	9	5.1	15	5.4	8	2.7	15	4.8
Previous syphilis infection?	3	2.6	3	2.6	4	3.5	9	5.8	7	4.0	17	6.1	11	3.8	12	3.8
Currently incarcerated	9	7.8	9	7.8	8	7.1	19	12.3	23	13.1	38	13.6	41	14.1	43	13.7
Current or past year incarceration^{6,10}	18	15.5	13	11.3	15	13.3	29	18.7	40	22.9	66	23.6	69	23.7	77	24.4

¹Sexual orientation determined from patient's self-reported gender of sex partners and/or information obtained from medical provider

²Other race/ethnicity includes Native Hawaiian/Pacific Islander, American Indian/Alaskan Native, Multi-race, Other minorities, and "Other"

³HIV co-infection status based on patient self-disclosure; percentages exclude unknown/refused

⁴Percentages based on interviewed female cases only

⁵Percentages based on interviewed male heterosexual cases only

⁶Refers to activity within the past year only

⁷CPA and LA provide general impotence drug use data, which may/may not specify drug name. SF provides data on use of specific drugs (Viagra, Cialis, Levitra) – data not available for 2007, so removed from denominator.

⁸CSW = commercial sex worker

⁹Past STD infection (non-syphilis) data not available for Los Angeles

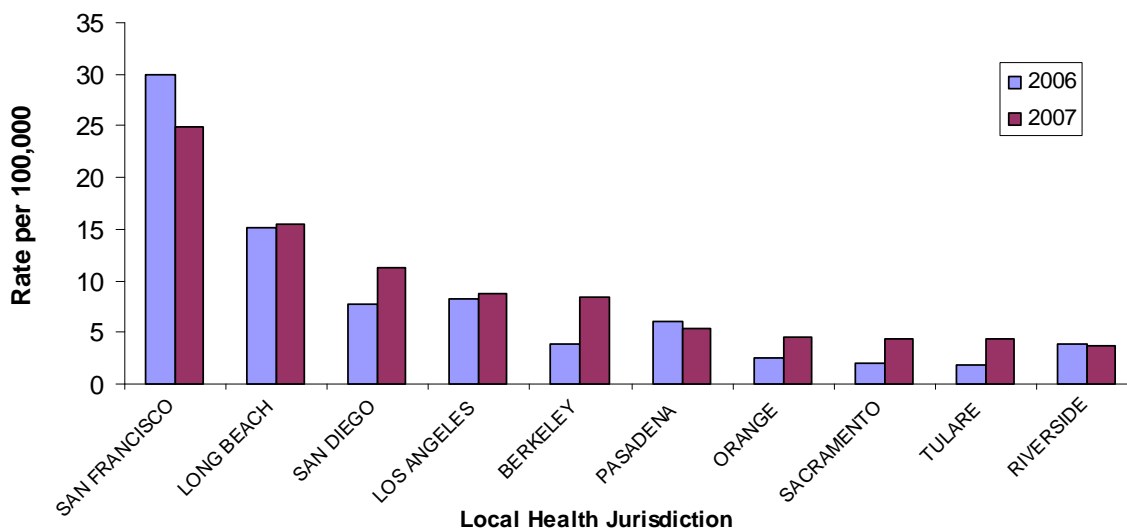
¹⁰Past year incarceration not available for San Francisco

Demographic and Risk Behaviors

Local Health Jurisdictions

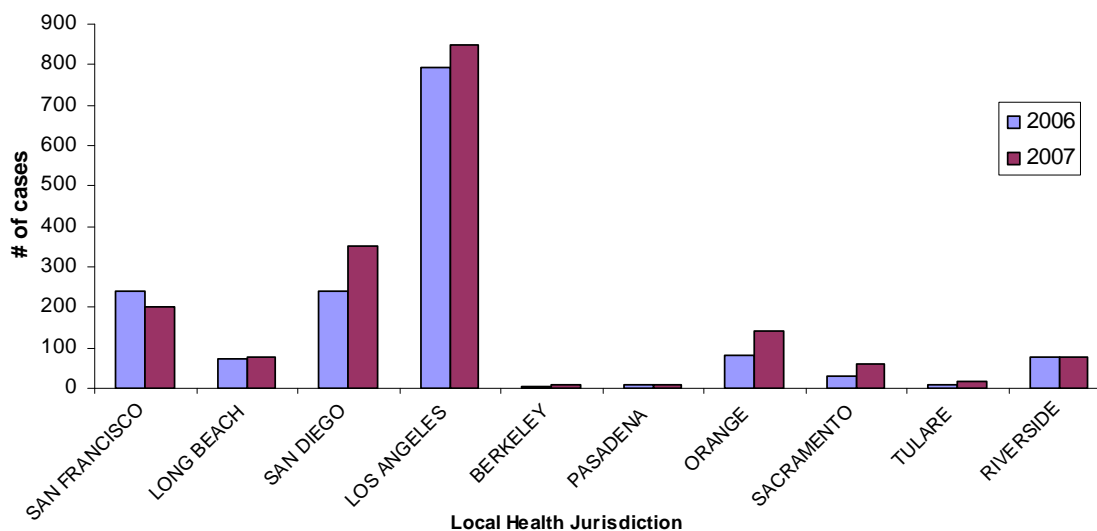
Of 2,050 reported P&S syphilis cases, 68.3 percent were reported by Los Angeles (n = 847), San Diego (n = 351), and San Francisco (n = 202). These three LHJs were among the top five LHJs, with respect to P&S syphilis rates in California. Seven of the top ten LHJs had a rate increase between 2006 and 2007 (Figure 2).

Figure 2: Top ten P&S syphilis rates (per 100,000) among California health jurisdictions, 2007 (compared to 2006)



Prepared by the California Department of Public Health.

Figure 3: P&S syphilis case counts among California health jurisdictions with top ten P&S syphilis rates, 2007 (compared to 2006)



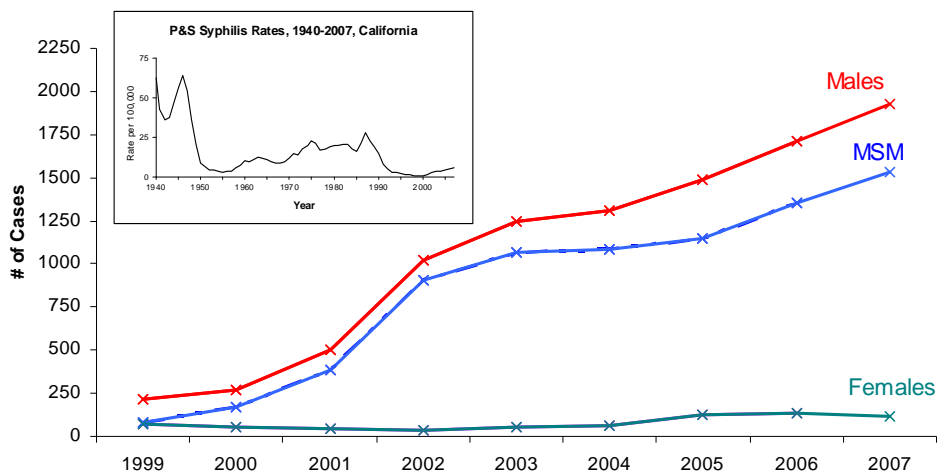
Prepared by the California Department of Public Health.

Gender

Male P&S syphilis rates have increased from a low of 1.2 per 100,000 in 1998 to a high of 10.2 in 2007. This was the ninth consecutive year of increases among males. The number of MSM cases increased by 178 (13.1 percent) between 2006 and 2007. Male heterosexual cases increased to a high of 220 in 2007, accounting for approximately 11 percent of total reported P&S syphilis cases (Table 2a; Figure 4).

Since a low of 0.2 per 100,000 in 2002, female rates have increased to 0.6 per 100,000 in 2007. However, following four consecutive years of increase, which saw the number of female cases rise from 53 in 2003 to 130 in 2006 (145 percent), the number of female cases decreased to 119 in 2007 (Table 2a; Figure 4).

Figure 4: P&S syphilis cases by gender, California, 1999-2007

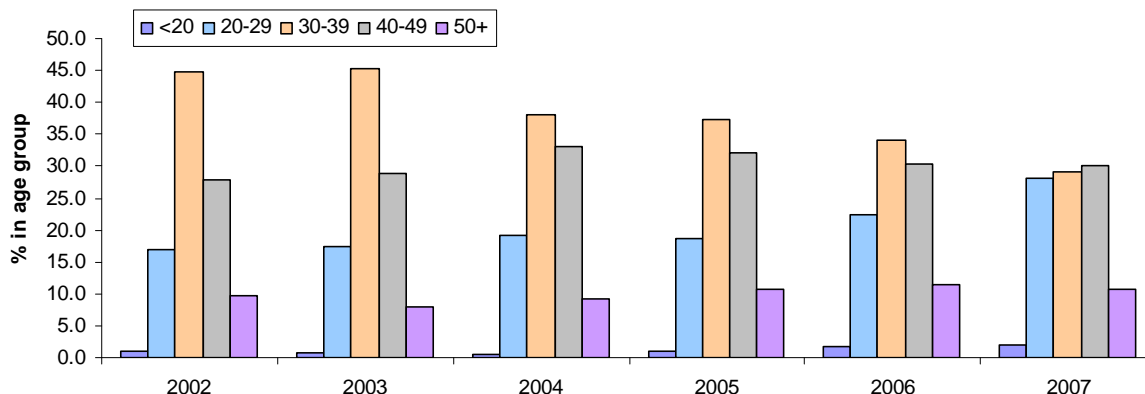


Prepared by the California Department of Public Health.

Age

In previous years, the majority of MSM cases have been 35 to 39 years of age. Overall, however, the proportion of cases in their 30s has decreased from 44.9 percent in 2002 to 29.1 percent in 2007. In comparison, the proportion of cases in their 20s has increased from 16.9 percent in 2002 to 28.2 percent in 2007 (Figure 5).

Figure 5: Age of MSM P&S Syphilis Cases, California, 2002-2007

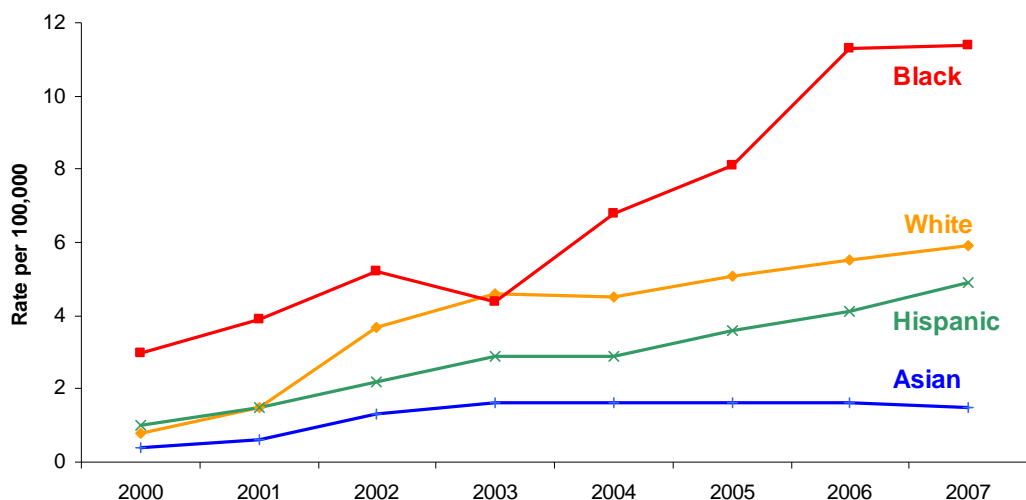


Prepared by the California Department of Public Health.

Race/Ethnicity

Figure 4 presents P&S syphilis rates (per 100,000) by race/ethnicity. African Americans had the highest P&S syphilis rate, at 11.4 per 100,000, followed by non-Hispanic Whites (5.9), Hispanics (4.9), and Asians (1.5) (Figure 6). Male P&S syphilis rates increased among African Americans, non-Hispanic Whites, and Hispanics between 2006 and 2007, while Asian male rates remained stable. The African American male P&S syphilis rate reached 20.5 per 100,000 in 2007, indicating a continuing important health disparity that needs to be reduced. African American female P&S syphilis rates decreased for the first time in four years, while rates for non-Hispanic White, Hispanic, and Asian females remained stable (Table 3).

Figure 6: P&S syphilis annualized rates (per 100,000) by race/ethnicity, California, 2000-2007



Prepared by the California Department of Public Health.

Table 3: P&S syphilis annualized rates (per 100,000) by race/ethnicity, California, 2000-2007

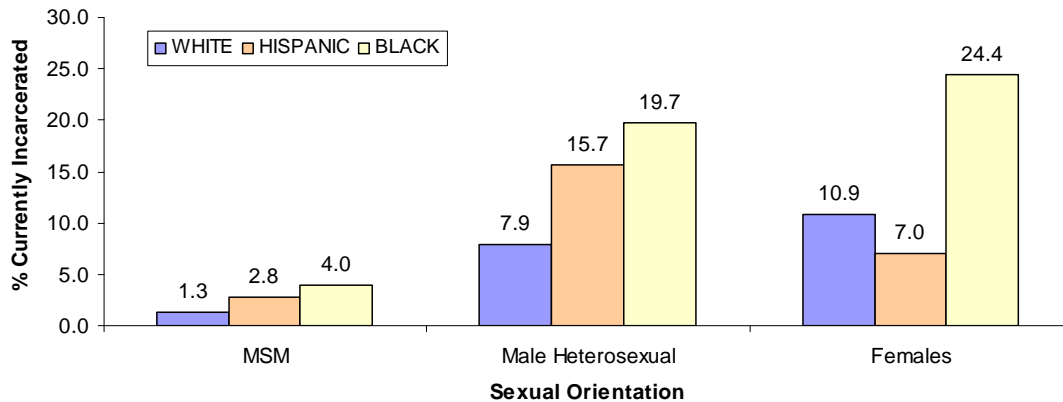
	2000	2001	2002	2003	2004	2005	2006	2007
MALES								
White	1.5	2.9	7.3	9.2	8.9	9.9	10.7	11.4
Black	4.2	7.2	9.3	8.2	11.9	13.4	18.8	20.5
Hispanic	1.6	2.6	4.1	5.0	5.3	6.3	7.2	9.0
Asian	0.8	1.2	2.7	3.2	3.3	3.1	3.3	3.0
FEMALES								
White	0.2	0.1	0.1	0.2	0.4	0.4	0.4	0.4
Black	1.8	0.7	1.3	0.7	1.9	3.0	4.0	2.6
Hispanic	0.3	0.4	0.3	0.6	0.3	0.8	0.7	0.7
Asian	--	0.0	0.0	--	0.0	0.1	--	--

Prepared by the California Department of Public Health.

Current Incarceration

The proportion of interviewed male heterosexual and female cases who are currently incarcerated increased from a low of 7.1 percent in 2002 to 13.7 percent in 2007. The proportion of currently incarcerated among interviewed MSM cases has also increased, from 0 percent in 2001 to 2.3 percent in 2007 (Tables 2a-c). African Americans have the highest proportion of currently incarcerated cases, regardless of sexual orientation (Figure 7).

Figure 7: Proportion of interviewed P&S syphilis cases who are currently incarcerated, by sexual orientation and race/ethnicity, California, 2004-2007

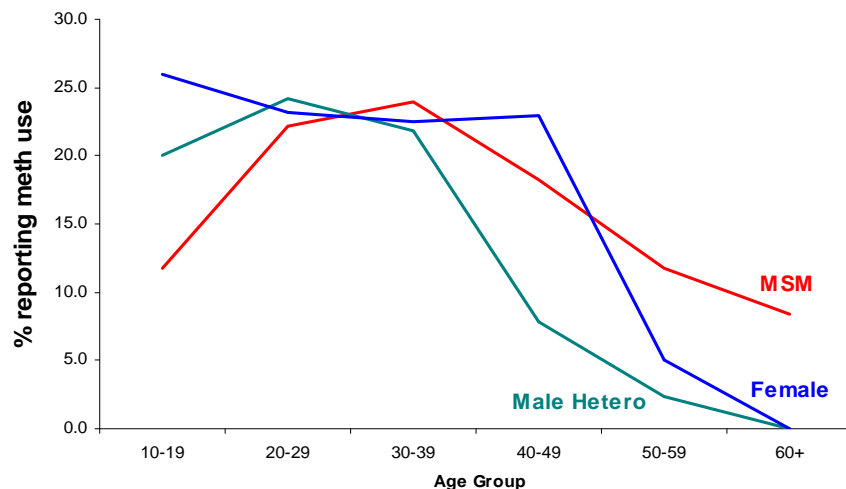


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Drug Use

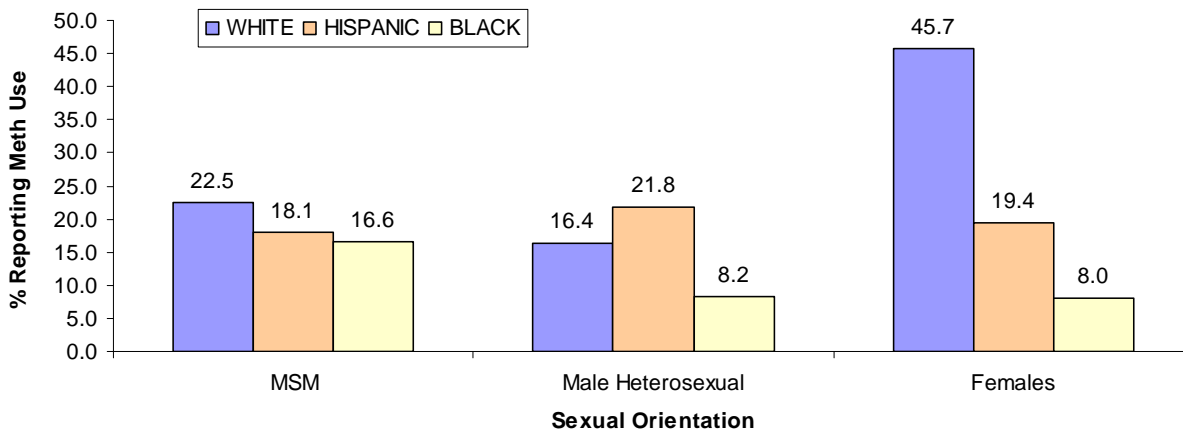
Drug use appears to play a continuing role in STD transmission, with 45.9 percent of interviewed P&S syphilis cases reporting drug use within the previous year. Meth remained the most commonly reported drug used among interviewed P&S syphilis cases, increasing to 17.7 percent in 2007; however, overall reported meth use is still lower compared to that of 2005 (22.9 percent) (Table 2a). Reported meth use is highest among younger cases, regardless of sexual orientation (Figure 8).

Figure 8: Reported methamphetamine use, by sexual orientation and age, among interviewed P&S syphilis cases, California, 2004-2007



Prepared by the California Department of Public Health.

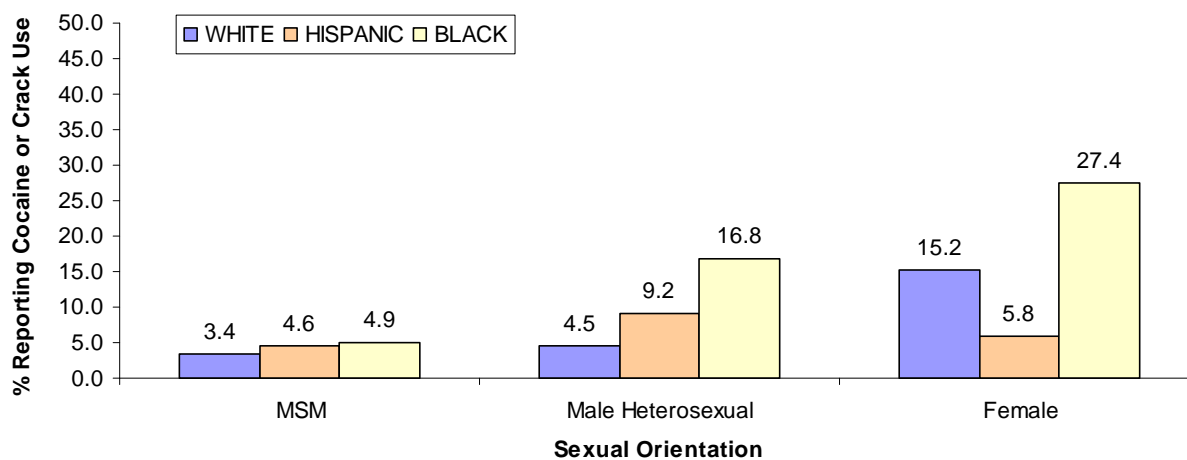
Figure 9: Reported methamphetamine use, by sexual orientation and race/ethnicity, among interviewed P&S syphilis cases, California, 2004-2007



Prepared by the California Department of Public Health.

Reported meth use appears to be higher among interviewed Hispanics and non-Hispanic Whites, regardless of sexual orientation (Figure 9). In contrast, cocaine use appears to be higher among African Americans, particularly females (Figure 10). In 2007, cocaine use among heterosexuals increased to 8.6 percent of cases, while cocaine use among MSM decreased for a fourth consecutive year, to 2.8 percent in 2007. Reported crack cocaine use was lower than that of cocaine, although the trends by race among users were similar (Table 2a).

Figure 10: Reported cocaine or crack cocaine use, by sexual orientation and race/ethnicity, among interviewed P&S syphilis cases, California, 2004-2007



Prepared by the California Department of Public Health.

HIV Co-infection

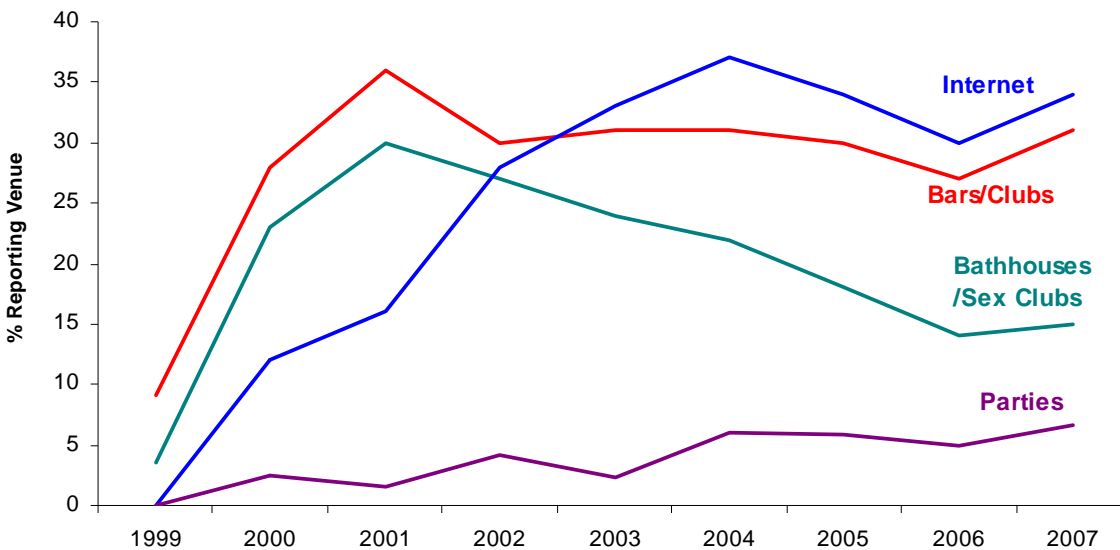
In 2007, 57.3 percent of interviewed MSM P&S syphilis cases with known HIV status reported being co-infected with HIV; this percentage was slightly lower than previous annual data (Table 2b). Knowledge of HIV and syphilis co-infection is an important factor for clinical management and partner follow-up, since HIV-infected cases with infectious syphilis, especially primary syphilis, are more likely to transmit HIV to sex partners than are HIV-infected cases without syphilis. Syphilis infection in patients with HIV may also increase HIV viral load.

Venues

While the Internet remained uncommonly reported by heterosexual syphilis cases for meeting sex partners, it remained the most commonly reported venue used for meeting sex partners among interviewed MSM P&S syphilis cases. After two consecutive years of decreases, the proportion of MSM who reported meeting sex partners online increased from 29.8 percent in 2006 to 34.2 percent in 2007. Reported use of 'bars/clubs' and 'bathhouses/sex clubs' also increased among interviewed MSM (Table 2b; Figure 11).

Among interviewed male heterosexual and female cases, 'bars/clubs' were the most commonly reported venue for meeting sex partners, at 19.4 percent. Use of 'streets' decreased from 21.6 percent in 2006 to 17.8 percent in 2007, while reported 'bathhouses/sex clubs' and Internet use remained low and stable (Table 2c).

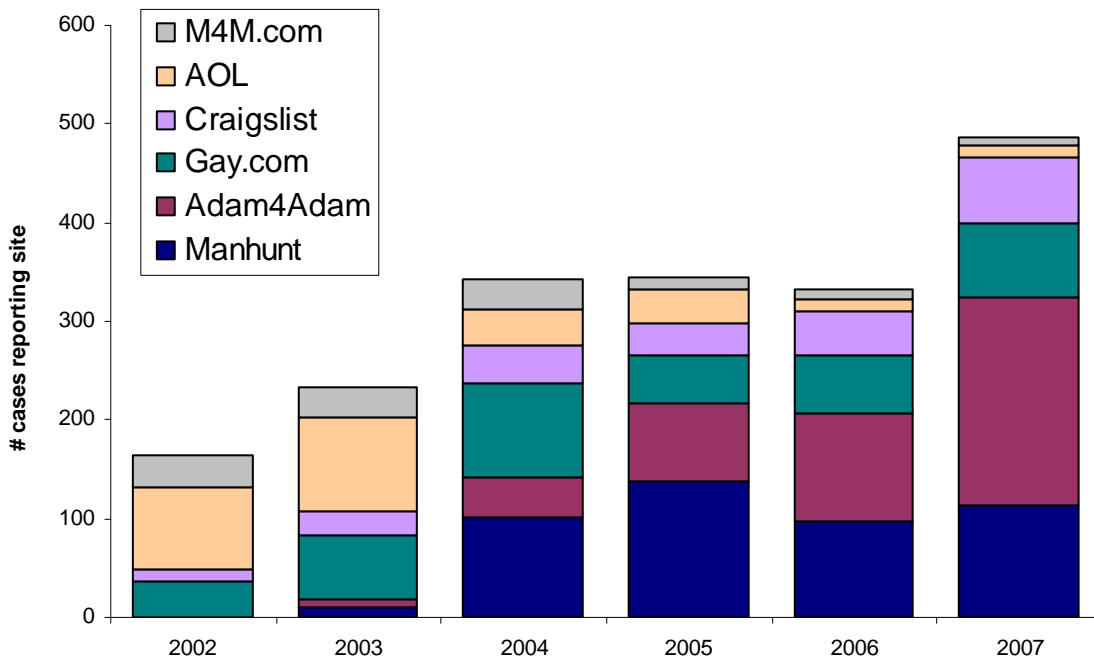
Figure 11: Reported venues for meeting sex partners, among interviewed MSM P&S syphilis cases, California, 1999-2007



Prepared by the California Department of Public Health.

Figure 12 shows the frequency of which particular websites were named by interviewed P&S syphilis cases who reported using the Internet to meet sex partners. Since 2004, Manhunt.com, Adam4Adam.com, and Craigslist.com have become increasingly popular, while fewer cases have named AOL and M4M sites. In 2007, 44.8 percent of interviewed cases reporting Internet use to meet sex partners named Adam4Adam, 24.3 percent named Manhunt.com, 16.0 percent named Gay.com, and 14.3 percent named Craigslist.com.

Figure 12: Reported use of Internet sites,¹ among interviewed P&S syphilis cases who use Internet to meet sex partners, California, 2002-2007



¹ Use of Internet sites is not mutually exclusive or exhaustive.

Prepared by the California Department of Public Health.

Tables 4a-9c provide more detail on demographics and risk factors for reported P&S syphilis cases by region. In addition, regional data on HIV co-infection, drug use, key venues for meeting sex partners, and current incarceration are presented for MSM and male heterosexual/female cases separately.

Regional Highlights, California, 2007

Northern Region, excluding Bay Area and San Francisco (Tables 4a-c; pages 15-17)

- Seventy-one P&S syphilis cases were reported in the Northern Region in 2007, a 42 percent increase from 2006. Sacramento accounted for 87.3 percent of all reported cases. 78.9 percent of reported cases were interviewed.
- The number of MSM cases 25 to 29 years old increased from one case in 2006 to nine in 2007, while the number of cases 24 years old or younger remained relatively stable. The number of cases in their 30s also increased from 8 in 2006 to 17 in 2007.
- MSM accounted for 64.8 percent of reported cases, compared to 68.0 percent in 2006 and 85.0 percent in 2005.
- Among interviewed MSM, 61.9 percent reported having had anonymous sex partners in the previous year, and 52.4 percent reported having used drugs in the previous year. 'Bars/clubs' was the most commonly reported venue used to meet sex partners (35.7 percent), while reported Internet use decreased from 40.6 percent in 2006 to 26.2 percent in 2007.
- The number of male heterosexual cases increased from 3 in 2006 to 11 in 2007. The number of female cases remained stable.
- While there was limited venue data for heterosexual cases in 2006, 28.6 percent reported meeting sex partners at 'bars/clubs' in 2007, compared to 14.3 percent at 'private/circuit parties' and 14.3 percent at 'streets'. No heterosexual cases reported meeting sex partners online.

Table 4a. LHJ of Residence, P&S Syphilis Cases, Northern Region (excluding Bay Area/San Francisco), California, 2000-2007

	2000	2001	2002	2003	2004	2005	2006	2007
	N=3	N=11	N=22	N=22	N=32	N=20	N=50	N=71
County								
AMADOR	0	0	0	0	0	0	0	1
BUTTE	1	0	0	0	0	0	0	0
EL DORADO	0	0	1	0	0	1	1	0
HUMBOLDT	0	0	0	0	1	0	1	0
LAKE	0	0	0	0	1	0	0	0
MENDOCINO	0	0	0	0	3	0	0	0
NEVADA	1	0	0	0	0	1	1	0
PLACER	0	2	2	0	0	1	1	0
SACRAMENTO	1	4	12	18	16	14	30	62
SAN JOAQUIN	0	3	7	2	10	3	11	7
SHASTA	0	0	0	0	0	0	1	0
SIERRA	0	0	0	0	0	0	1	0
TEHAMA	0	0	0	0	0	0	1	1
YOLO	0	1	0	2	1	0	0	0
YUBA	0	1	0	0	0	0	2	0

Prepared by the California Department of Public Health.

Table 4b. MSM P&S Syphilis Cases, Northern Region (excluding Bay Area/San Francisco),¹ California, 2000-2007

	2001		2002		2003		2004		2005		2006		2007	
	N=7	%	N=16	%	N=18	%	N=28	%	N=17	%	N=34	%	N=46	%
Northern Region	7	100.0	16	100.0	18	100.0	28	100.0	17	100.0	34	100.0	46	100.0
Sexual Orientation³														
Male Bi-sexual	0	0.0	0	0.0	1	5.6	4	14.3	1	5.9	1	2.9	5	10.9
MSM Only	7	100.0	16	100.0	17	94.4	24	85.7	16	94.1	33	97.1	41	89.1
Age														
<20	0	0.0	0	0.0	1	5.6	0	0.0	1	5.9	4	11.8	3	6.5
20-24	1	14.3	1	6.3	3	16.7	3	10.7	1	5.9	7	20.6	6	13.0
25-29	1	14.3	0	0.0	7	38.9	1	3.6	2	11.8	1	2.9	9	19.6
30-34	3	42.9	6	37.5	2	11.1	4	14.3	2	11.8	3	8.8	6	13.0
35-39	0	0.0	2	12.5	0	0.0	9	32.1	7	41.2	5	14.7	11	23.9
40-44	0	0.0	3	18.8	2	11.1	3	10.7	3	17.6	9	26.5	4	8.7
45-49	1	14.3	2	12.5	2	11.1	4	14.3	1	5.9	3	8.8	6	13.0
50+	1	14.3	2	12.5	1	5.6	4	14.3	0	0.0	2	5.9	1	2.2
Race/Ethnicity														
White	3	42.9	13	81.3	11	61.1	20	71.4	11	64.7	20	58.8	25	54.3
Latino	1	14.3	0	0.0	3	16.7	3	10.7	3	17.6	6	17.6	13	28.3
Black	2	28.6	2	12.5	1	5.6	3	10.7	3	17.6	5	14.7	4	8.7
Asian	0	0.0	1	6.3	0	0.0	1	3.6	0	0.0	1	2.9	2	4.3
Other ²	0	0.0	0	0.0	2	11.1	0	0.0	0	0.0	1	2.9	1	2.2
Missing	1	14.3	0	0.0	1	5.6	1	3.6	0	0.0	1	2.9	1	2.2
Provider Type														
EIP/HIV care facility	2	28.6	2	12.5	4	22.2	5	17.9	3	17.6	5	14.7	8	17.4
STD clinic	0	0.0	1	6.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Family Planning	0	0.0	1	6.3	0	0.0	1	3.6	0	0.0	2	5.9	5	10.9
Correctional facility	0	0.0	0	0.0	1	5.6	0	0.0	0	0.0	1	2.9	0	0.0
Public clinic	0	0.0	5	31.3	3	16.7	10	35.7	3	17.6	7	20.6	8	17.4
Private provider	5	71.4	7	43.8	8	44.4	12	42.9	10	58.8	17	50.0	25	54.3
Other provider	0	0.0	0	0.0	2	11.1	0	0.0	1	5.9	2	5.9	0	0.0
	2001		2002		2003		2004		2005		2006		2007	
	N=7	%	N=14	%	N=18	%	N=28	%	N=17	%	N=32	%	N=42	%
HIV Status⁵														
Positive	4	66.7	3	33.3	7	70.0	10	43.5	7	53.8	13	50.0	20	54.1
Negative	2	33.3	6	66.7	3	30.0	13	56.5	6	46.2	13	50.0	17	45.9
Unknown/Refused	1		5		8		5		4		6		5	
Past Drug Use⁶	1	14.3	3	21.4	6	33.3	18	64.3	8	47.1	17	53.1	22	52.4
Methamphetamines	1	14.3	1	7.1	3	16.7	3	10.7	1	5.9	3	9.4	4	9.5
Cocaine	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Crack	0	0.0	0	0.0	1	5.6	0	0.0	0	0.0	0	0.0	0	0.0
Heroin	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Ecstasy	0	0.0	0	0.0	0	0.0	1	3.6	1	5.9	1	3.1	2	4.8
Marijuana	1	14.3	1	7.1	2	11.1	3	10.7	3	17.6	8	25.0	6	14.3
Poppers	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	3.1	2	4.8
Impotence drugs	0	0.0	0	0.0	0	0.0	3	10.7	1	5.9	1	3.1	1	2.4
Venues Used to Meet Sex Partners⁶														
Bars/clubs	4	57.1	6	42.9	1	5.6	4	14.3	4	23.5	10	31.3	15	35.7
Bathhouses/Sex clubs	2	28.6	3	21.4	2	11.1	8	28.6	7	41.2	1	3.1	3	7.1
Internet	1	14.3	3	21.4	0	0.0	5	17.9	2	11.8	13	40.6	11	26.2
Adult Bookstores/Cinemas	0	0.0	0	0.0	0	0.0	3	10.7	1	5.9	0	0.0	0	0.0
Motels/hotels	1	14.3	0	0.0	1	5.6	1	3.6	1	5.9	1	3.1	0	0.0
Private/Circuit Parties	0	0.0	1	7.1	0	0.0	1	3.6	1	5.9	3	9.4	4	9.5
Streets	0	0.0	0	0.0	0	0.0	1	3.6	2	11.8	0	0.0	1	2.4
CSW or received money/drugs for sex^{6,7}	0	0.0	1	7.1	0	0.0	2	7.1	4	23.5	2	6.3	2	4.8
Gave money/drugs for sex⁶	0	0.0	0	0.0	1	5.6	0	0.0	1	5.9	1	3.1	1	2.4
Had anonymous partners⁶	3	42.9	8	57.1	3	16.7	11	39.3	7	41.2	19	59.4	26	61.9
Past STD infection (non-syphilis)⁶	0	0.0	0	0.0	1	5.6	5	17.9	1	5.9	2	6.3	4	9.5
Previous syphilis infection?	0	0.0	1	7.1	2	11.1	1	3.6	2	11.8	3	9.4	6	14.3
Currently incarcerated	0	0.0	0	0.0	1	5.6	0	0.0	0	0.0	1	3.1	0	0.0
Current or past year incarceration	0	0.0	0	0.0	2	11.1	4	14.3	1	5.9	5	15.6	2	4.8

¹Northern Region includes the following LHJs: Alpine, Amador, Butte, Calaveras, Colusa, Del Norte, El Dorado, Glenn, Humboldt, Lake, Lassen, Mendocino, Modoc, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Sierra, Siskiyou, Sutter, Tehama, Trinity, Yolo, Yuba

²Northern Region did not report any MSM P&S syphilis cases in 2000.

³Sexual orientation determined from patient's self-reported gender of sex partners and/or information obtained from medical provider

⁴Other race/ethnicity includes Native Hawaiian/Pacific Islander, American Indian/Alaskan Native, Multi-race, Other minorities, and "Other"

⁵HIV co-infection status based on patient self-disclosure; percentages exclude unknown/refused

⁶Refers to activity within the past year only

⁷CSW = commercial sex worker

**Table 4c. Male Heterosexual & Female P&S Syphilis Cases, Northern Region¹
(excluding Bay Area/San Francisco), California, 2000-2007**

	2000		2001		2002		2003		2004		2005		2006		2007	
	N=3	%	N=4	%	N=4	%	N=2	%	N=2	%	N=1	%	N=9	%	N=16	%
Northern Region	3	100.0	4	100.0	4	100.0	2	100.0	2	100.0	1	100.0	9	100.0	16	100.0
Sexual Orientation²																
Male Heterosexual	2	66.7	2	50.0	1	25.0	1	50.0	2	100.0	0	0.0	3	33.3	11	68.8
Female	1	33.3	2	50.0	3	75.0	1	50.0	0	0.0	1	100.0	6	66.7	5	31.3
Age																
<20	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	1	11.1	0	0.0
20-24	0	0.0	2	50.0	2	50.0	1	50.0	0	0.0	1	100.0	1	11.1	3	18.8
25-29	0	0.0	0	0.0	2	50.0	0	0.0	0	0.0	0	0.0	2	22.2	4	25.0
30-34	0	0.0	1	25.0	0	0.0	0	0.0	0	0.0	0	0.0	2	22.2	2	12.5
35-39	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	2	22.2	2	12.5
40-44	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	6.3
45-49	1	33.3	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0
50+	1	33.3	1	25.0	0	0.0	0	0.0	0	0.0	0	0.0	1	11.1	4	25.0
Race/Ethnicity																
White	2	66.7	1	25.0	1	25.0	1	50.0	0	0.0	0	0.0	2	22.2	10	62.5
Latino	0	0.0	1	25.0	2	50.0	1	50.0	1	50.0	0	0.0	5	55.6	1	6.3
Black	1	33.3	2	50.0	1	25.0	0	0.0	0	0.0	0	0.0	2	22.2	4	25.0
Asian	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	1	6.3
Other ³	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0
Provider Type																
Family Planning	0	0.0	0	0.0	1	25.0	1	50.0	0	0.0	0	0.0	1	11.1	0	0.0
Correctional facility	1	33.3	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	3	18.8
Public clinic	0	0.0	1	25.0	3	75.0	0	0.0	1	50.0	0	0.0	3	33.3	3	18.8
Private provider	2	66.7	1	25.0	0	0.0	0	0.0	1	50.0	1	100.0	5	55.6	7	43.8
Other provider	0	0.0	2	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	18.8
	INTERVIEWED CASES ONLY															
	N=2	%	N=4	%	N=4	%	N=2	%	N=2	%	N=0	%	N=8	%	N=14	%
HIV Status⁴																
Positive	0	0.0	1	25.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	18.2
Negative	1	100.0	3	75.0	0	0.0	1	100.0	2	100.0	0	0.0	6	100.0	9	81.8
Unknown/Refused	1		0		4		1		0		0		2		3	
Currently pregnant (females only)⁵	0	0.0	2	100.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	1	33.3
Pregnant partner (males only)⁶	0	0.0	1	50.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Past Drug Use⁷	1	50.0	2	50.0	4	100.0	0	0.0	0	0.0	0	0.0	2	25.0	8	57.1
Methamphetamines	0	0.0	1	25.0	4	100.0	0	0.0	0	0.0	0	0.0	1	12.5	3	21.4
Cocaine	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	21.4
Crack	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Heroin	0	0.0	1	25.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Ecstasy	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Marijuana	1	50.0	1	25.0	1	25.0	0	0.0	0	0.0	0	0.0	1	12.5	3	21.4
Poppers	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Impotence drugs	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Venues Used to Meet Sex Partners⁷																
Bars/clubs	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	28.6
Bathhouses/Sex clubs	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Internet	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	25.0	0	0.0
Adult Bookstores/Cinemas	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Motels/hotels	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	7.1
Private/Circuit Parties	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	14.3
Streets	1	50.0	1	25.0	1	25.0	0	0.0	0	0.0	0	0.0	0	0.0	2	14.3
CSW or received money/drugs for sex^{7,8}	0	0.0	1	25.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	14.3
Gave money/drugs for sex⁷	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	1	7.1
Had anonymous partners⁷	1	50.0	1	25.0	0	0.0	0	0.0	1	50.0	0	0.0	2	25.0	8	57.1
Past STD infection (non-syphilis)⁷	0	0.0	0	0.0	1	25.0	0	0.0	0	0.0	0	0.0	0	0.0	1	7.1
Previous syphilis infection?⁷	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Currently incarcerated	1	50.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	3	21.4
Current or past year incarceration	1	50.0	1	25.0	1	25.0	1	50.0	1	50.0	0	0.0	0	0.0	4	28.6

¹Northern Region includes the following LHJs: Alpine, Amador, Butte, Calaveras, Colusa, Del Norte, El Dorado, Glenn, Humboldt, Lake, Lassen, Mendocino, Modoc, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Sierra, Siskiyou, Sutter, Tehama, Trinity, Yolo, Yuba

²Sexual orientation determined from patient's self-reported gender of sex partners and/or information obtained from medical provider

³Other race/ethnicity includes Native Hawaiian/Pacific Islander, American Indian/Alaskan Native, Multi-race, Other minorities, and "Other"

⁴HIV co-infection status based on patient self-disclosure; percentages exclude unknown/refused

⁵Percentages based on interviewed female cases only

⁶Percentages based on interviewed male heterosexual cases only

⁷Refers to activity within the past year only

⁸CSW = commercial sex worker

(Regional Highlights, California, 2007 cont'd.)

Bay Area, excluding San Francisco (see Tables 5a-c; pages 18-20)

- 172 P&S syphilis cases were reported in the Bay Area, a 7.5 percent decrease from 2006. Santa Clara, Alameda, Contra Costa, and San Mateo Counties accounted for 61.0 percent of all reported cases. 84.3 percent of reported cases were interviewed.
- MSM accounted for 68.0 percent of reported cases, compared to 73.7 percent in 2006 and 71.3 percent in 2004.
- Among interviewed MSM, 57.1 percent reported having had anonymous sex partners in the previous year, and 65.2 percent reported having used drugs in the previous year. The Internet was the most commonly reported venue used to meet sex partners (36.6 percent).
- The number of male heterosexual cases increased from 18 cases in 2006 to 22 in 2007. The number of female cases remained stable at 13 cases in 2007.
- Among heterosexual cases, the number of non-Hispanic White cases has decreased since 2005, to four in 2007. In comparison, 14 African American cases were reported in 2007, while Hispanic cases increased from 10 in 2006 to 14 in 2007.
- Among interviewed heterosexual cases, 57.6 percent reported having used drugs in the previous year. 'Bars/clubs' was the most commonly reported venue used for meeting sex partners (21.2 percent).

Table 5a. LHJ of Residence, P&S Syphilis Cases, Bay Area (excluding San Francisco), California, 2000-2007

	2000	2001	2002	2003	2004	2005	2006	2007
	N=23	N=63	N=143	N=140	N=150	N=150	N=186	N=172
County								
ALAMEDA	14	22	53	33	46	45	67	40
BERKELEY	0	3	6	2	8	5	4	9
CONTRA COSTA	0	12	12	17	12	20	14	27
MARIN	1	5	6	2	0	3	6	4
NAPA	0	1	0	0	2	3	1	1
SAN MATEO	1	9	16	16	17	11	33	22
SANTA CLARA	2	11	30	55	55	42	53	56
SOLANO	3	0	3	2	4	9	4	6
SONOMA	2	0	17	13	6	12	4	7

Prepared by the California Department of Public Health.

Table 5b. MSM P&S Syphilis Cases, Bay Area¹ (excluding San Francisco), California, 2000-2007

	2000		2001		2002		2003		2004		2005		2006		2007	
	N=11	%	N=49	%	N=124	%	N=107	%	N=104	%	N=107	%	N=137	%	N=117	%
Bay Area, No San Francisco	11	100.0	49	100.0	124	100.0	107	100.0	104	100.0	107	100.0	137	100.0	117	100.0
Sexual Orientation²																
Male Bi-sexual	1	9.1	1	2.0	16	12.9	9	8.4	7	6.7	11	10.3	15	10.9	15	12.8
MSM Only	10	90.9	48	98.0	108	87.1	98	91.6	97	93.3	96	89.7	122	89.1	102	87.2
Age																
<20	0	0.0	1	2.0	2	1.6	0	0.0	1	1.0	4	3.7	5	3.6	6	5.1
20-24	0	0.0	2	4.1	14	11.3	7	6.5	8	7.7	10	9.3	16	11.7	16	13.7
25-29	3	27.3	5	10.2	19	15.3	18	16.8	21	20.2	9	8.4	12	8.8	25	21.4
30-34	1	9.1	11	22.4	19	15.3	19	17.8	12	11.5	14	13.1	24	17.5	12	10.3
35-39	5	45.5	10	20.4	28	22.6	23	21.5	25	24.0	25	23.4	15	10.9	10	8.5
40-44	1	9.1	9	18.4	17	13.7	20	18.7	20	19.2	19	17.8	28	20.4	20	17.1
45-49	1	9.1	2	4.1	8	6.5	13	12.1	7	6.7	12	11.2	15	10.9	9	7.7
50+	0	0.0	9	18.4	17	13.7	7	6.5	10	9.6	14	13.1	22	16.1	19	16.2
Race/Ethnicity																
White	5	45.5	23	46.9	67	54.0	59	55.1	57	54.8	46	43.0	60	43.8	42	35.9
Latino	4	36.4	13	26.5	27	21.8	21	19.6	23	22.1	32	29.9	37	27.0	35	29.9
Black	2	18.2	9	18.4	17	13.7	8	7.5	10	9.6	14	13.1	27	19.7	23	19.7
Asian	0	0.0	2	4.1	10	8.1	15	14.0	10	9.6	10	9.3	8	5.8	9	7.7
Other ³	0	0.0	0	0.0	0	0.0	2	1.9	4	3.8	4	3.7	4	2.9	7	6.0
Missing	0	0.0	2	4.1	3	2.4	2	1.9	0	0.0	1	0.9	1	0.7	1	0.9
Provider Type																
EIP/HIV care facility	0	0.0	5	10.2	6	4.8	12	11.2	10	9.6	20	18.7	20	14.6	15	12.8
STD clinic	0	0.0	13	26.5	17	13.7	23	21.5	30	28.8	27	25.2	40	29.2	30	25.6
Family Planning	0	0.0	0	0.0	2	1.6	0	0.0	4	3.8	2	1.9	1	0.7	4	3.4
Correctional facility	0	0.0	0	0.0	2	1.6	0	0.0	2	1.9	1	0.9	3	2.2	3	2.6
Public clinic	4	36.4	2	4.1	17	13.7	12	11.2	7	6.7	9	8.4	10	7.3	15	12.8
Private provider	7	63.6	28	57.1	80	64.5	58	54.2	50	48.1	47	43.9	59	43.1	47	40.2
Other provider	0	0.0	1	2.0	0	0.0	2	1.9	1	1.0	1	0.9	3	2.2	1	0.9
Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.7	2	1.7
	INTERVIEWED CASES ONLY															
	N=11	%	N=49	4.0	N=119	%	N=102	%	N=99	%	N=102	%	N=128	%	N=112	%
HIV Status⁴																
Positive	2	25.0	26	65.0	66	67.3	46	55.4	30	36.1	44	47.8	50	45.0	46	46.9
Negative	6	75.0	14	35.0	32	32.7	37	44.6	53	63.9	48	52.2	61	55.0	52	53.1
Unknown/Refused	3		9		21		19		16		10		17		14	
Past Drug Use⁵	2	18.2	9	18.4	30	25.2	29	28.4	56	56.6	57	55.9	76	59.4	73	65.2
Methamphetamines	2	18.2	4	8.2	24	20.2	14	13.7	19	19.2	23	22.5	22	17.2	21	18.8
Cocaine	0	0.0	1	2.0	3	2.5	1	1.0	2	2.0	7	6.9	4	3.1	4	3.6
Crack	0	0.0	0	0.0	2	1.7	0	0.0	0	0.0	1	1.0	0	0.0	2	1.8
Heroin	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.9
Ecstasy	0	0.0	1	2.0	6	5.0	4	3.9	5	5.1	9	8.8	16	12.5	10	8.9
Marijuana	1	9.1	5	10.2	10	8.4	11	10.8	16	16.2	23	22.5	25	19.5	36	32.1
Poppers	0	0.0	0	0.0	1	0.8	2	2.0	3	3.0	4	3.9	6	4.7	10	8.9
Impotence drugs	0	0.0	0	0.0	1	0.8	6	5.9	11	11.1	7	6.9	8	6.3	4	3.6
Venues Used to Meet Sex Partners⁵																
Bars/clubs	1	9.1	12	24.5	34	28.6	43	42.2	29	29.3	35	34.3	39	30.5	31	27.7
Bathhouses/Sex clubs	4	36.4	19	38.8	43	36.1	29	28.4	31	31.3	32	31.4	26	20.3	26	23.2
Internet	1	9.1	3	6.1	29	24.4	28	27.5	37	37.4	27	26.5	42	32.8	41	36.6
Adult Bookstores/Cinemas	2	18.2	4	8.2	3	2.5	7	6.9	8	8.1	7	6.9	6	4.7	10	8.9
Motels/hotels	1	9.1	0	0.0	3	2.5	0	0.0	5	5.1	2	2.0	5	3.9	3	2.7
Private/Circuit Parties	0	0.0	1	2.0	6	5.0	3	2.9	5	5.1	14	13.7	10	7.8	13	11.6
Streets	1	9.1	0	0.0	6	5.0	0	0.0	5	5.1	4	3.9	9	7.0	9	8.0
CSW or received money/drugs for sex^{5,6}	0	0.0	0	0.0	4	3.4	2	2.0	2	2.0	1	1.0	4	3.1	5	4.5
Gave money/drugs for sex⁵	0	0.0	0	0.0	3	2.5	1	1.0	1	1.0	2	2.0	2	1.6	4	3.6
Had anonymous partners⁵	7	63.6	30	61.2	80	67.2	69	67.6	68	68.7	67	65.7	68	53.1	64	57.1
Past STD infection (non-syphilis)⁵	3	27.3	3	6.1	12	10.1	11	10.8	7	7.1	10	9.8	11	8.6	18	16.1
Previous syphilis infection?	0	0.0	3	6.1	10	8.4	5	4.9	12	12.1	6	5.9	16	12.5	17	15.2
Currently incarcerated	0	0.0	0	0.0	2	1.7	0	0.0	2	2.0	1	1.0	4	3.1	3	2.7
Current or past year incarceration	0	0.0	0	0.0	5	4.2	0	0.0	11	11.1	3	2.9	9	7.0	15	13.4

¹Bay Area Region includes the following LHJs: Alameda, Berkeley, Contra Costa, Marin, Napa, San Mateo, Santa Clara, Solano, Sonoma.

²Sexual orientation determined from patient's self-reported gender of sex partners and/or information obtained from medical provider

³Other race/ethnicity includes Native Hawaiian/Pacific Islander, American Indian/Alaskan Native, Multi-race, Other minorities, and "Other"

⁴HIV co-infection status based on patient self-disclosure; percentages exclude unknown/refused

⁵Refers to activity within the past year only

⁶CSW = commercial sex worker

Table 5c. Male Heterosexual & Female P&S Syphilis Cases, Bay Area¹ (excluding San Francisco), California, 2000-2007

	2000		2001		2002		2003		2004		2005		2006		2007	
	N=10	%	N=8	%	N=16	%	N=23	%	N=23	%	N=26	%	N=33	%	N=35	%
Bay Area, No San Francisco	10	100.0	8	100.0	16	100.0	23	100.0	23	100.0	26	100.0	33	100.0	35	100.0
Sexual Orientation²																
Male Heterosexual	5	50.0	5	62.5	13	81.3	18	78.3	18	78.3	20	76.9	18	54.5	22	62.9
Female	5	50.0	3	37.5	3	18.8	5	21.7	5	21.7	6	23.1	15	45.5	13	37.1
Age																
<20	2	20.0	1	12.5	0	0.0	2	8.7	1	4.3	2	7.7	4	12.1	3	8.6
20-24	1	10.0	1	12.5	2	12.5	4	17.4	2	8.7	3	11.5	5	15.2	4	11.4
25-29	0	0.0	0	0.0	1	6.3	3	13.0	2	8.7	6	23.1	3	9.1	4	11.4
30-34	0	0.0	1	12.5	2	12.5	4	17.4	5	21.7	2	7.7	3	9.1	6	17.1
35-39	1	10.0	1	12.5	5	31.3	5	21.7	4	17.4	4	15.4	7	21.2	3	8.6
40-44	1	10.0	2	25.0	2	12.5	1	4.3	3	13.0	2	7.7	4	12.1	9	25.7
45-49	2	20.0	2	25.0	4	25.0	0	0.0	4	17.4	3	11.5	4	12.1	1	2.9
50+	3	30.0	0	0.0	0	0.0	4	17.4	2	8.7	4	15.4	3	9.1	5	14.3
Race/Ethnicity																
White	5	50.0	3	37.5	9	56.3	8	34.8	7	30.4	11	42.3	6	18.2	4	11.4
Latino	1	10.0	2	25.0	5	31.3	13	56.5	9	39.1	12	46.2	10	30.3	14	40.0
Black	3	30.0	1	12.5	1	6.3	2	8.7	5	21.7	1	3.8	14	42.4	14	40.0
Asian	1	10.0	1	12.5	0	0.0	0	0.0	1	4.3	2	7.7	1	3.0	0	0.0
Other ³	0	0.0	0	0.0	0	0.0	0	0.0	1	4.3	0	0.0	1	3.0	2	5.7
Missing	0	0.0	1	12.5	1	6.3	0	0.0	0	0.0	0	0.0	1	3.0	1	2.9
Provider Type																
EIP/HIV care facility	0	0.0	0	0.0	1	6.3	1	4.3	0	0.0	1	3.8	1	3.0	0	0.0
STD clinic	0	0.0	0	0.0	0	0.0	5	21.7	2	8.7	5	19.2	2	6.1	3	8.6
Family Planning	0	0.0	0	0.0	1	6.3	3	13.0	4	17.4	1	3.8	2	6.1	2	5.7
Correctional facility	0	0.0	1	12.5	1	6.3	2	8.7	1	4.3	1	3.8	2	6.1	5	14.3
Public clinic	1	10.0	1	12.5	1	6.3	2	8.7	2	8.7	2	7.7	7	21.2	7	20.0
Private provider	7	70.0	6	75.0	12	75.0	9	39.1	11	47.8	16	61.5	19	57.6	16	45.7
Other provider	2	20.0	0	0.0	0	0.0	1	4.3	3	13.0	0	0.0	0	0.0	2	5.7
INTERVIEWED CASES ONLY																
	N=9	%	N=8	%	N=15	%	N=22	%	N=23	%	N=25	%	N=30	%	N=33	%
HIV Status⁴																
Positive	0	0.0	0	0.0	1	10.0	4	26.7	2	15.4	3	27.3	2	10.5	1	3.7
Negative	6	100.0	6	100.0	9	90.0	11	73.3	11	84.6	8	72.7	17	89.5	26	96.3
Unknown/Refused	3		2		5		7		10		14		11		6	
Currently pregnant (females only)⁵	0	0.0	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0	2	13.3	0	0.0
Pregnant partners (males only)⁶	0	0.0	0	0.0	0	0.0	0	0.0	1	5.6	1	5.0	3	16.7	0	0.0
Past Drug Use⁷	3	33.3	2	25.0	6	40.0	10	45.5	11	47.8	14	56.0	15	50.0	19	57.6
Methamphetamines	0	0.0	1	12.5	2	13.3	3	13.6	2	8.7	4	16.0	4	13.3	8	24.2
Cocaine	1	11.1	0	0.0	3	20.0	0	0.0	3	13.0	1	4.0	3	10.0	5	15.2
Crack	0	0.0	0	0.0	1	6.7	1	4.5	1	4.3	0	0.0	2	6.7	6	18.2
Heroin	0	0.0	0	0.0	0	0.0	0	0.0	1	4.3	0	0.0	1	3.3	1	3.0
Ecstasy	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	6.7	3	9.1
Marijuana	2	22.2	1	12.5	2	13.3	4	18.2	6	26.1	4	16.0	7	23.3	10	30.3
Poppers	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	3.0
Impotence drugs	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	3.0
Venues Used to Meet Sex Partners⁷																
Bars/clubs	1	11.1	0	0.0	2	13.3	3	13.6	5	21.7	10	40.0	9	30.0	7	21.2
Bathhouses/Sex clubs	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Internet	0	0.0	0	0.0	0	0.0	0	0.0	1	4.3	0	0.0	1	3.3	1	3.0
Adult Bookstores/Cinemas	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Motels/hotels	1	11.1	0	0.0	2	13.3	0	0.0	2	8.7	1	4.0	1	3.3	1	3.0
Private/Circuit Parties	1	11.1	0	0.0	0	0.0	0	0.0	2	8.7	1	4.0	2	6.7	2	6.1
Streets	1	11.1	0	0.0	4	26.7	2	9.1	4	17.4	2	8.0	3	10.0	6	18.2
CSW or received money/drugs for sex^{7,8}	1	11.1	1	12.5	4	26.7	3	13.6	1	4.3	1	4.0	1	3.3	2	6.1
Gave money/drugs for sex⁷	2	22.2	1	12.5	1	6.7	0	0.0	5	21.7	4	16.0	4	13.3	3	9.1
Had anonymous partners⁷	3	33.3	2	25.0	8	53.3	9	40.9	10	43.5	9	36.0	8	26.7	10	30.3
Past STD infection (non-syphilis)⁷	0	0.0	0	0.0	0	0.0	3	13.6	4	17.4	0	0.0	2	6.7	5	15.2
Previous syphilis infection?	0	0.0	0	0.0	0	0.0	0	0.0	1	4.3	1	4.0	0	0.0	0	0.0
Currently incarcerated	1	11.1	1	12.5	1	6.7	2	9.1	2	8.7	1	4.0	3	10.0	5	15.2
Current or past year incarceration	1	11.1	1	12.5	4	26.7	3	13.6	5	21.7	3	12.0	6	20.0	11	33.3

¹Bay Area Region includes the following LHJs: Alameda, Berkeley, Contra Costa, Marin, Napa, San Mateo, Santa Clara, Solano, Sonoma.

²Sexual orientation determined from patient's self-reported gender of sex partners and/or information obtained from medical provider

³Other race/ethnicity includes Native Hawaiian/Pacific Islander, American Indian/Alaskan Native, Multi-race, Other minorities, and "Other"

⁴HIV co-infection status based on patient self-disclosure; percentages exclude unknown/refused

⁵Percentages based on interviewed female cases only

⁶Percentages based on interviewed male heterosexual cases only

⁷Refers to activity within the past year only

⁸CSW = commercial sex worker

(Regional Highlights, California, 2007, cont'd.)

San Francisco (see Tables 6a-c; pages 21-23)

- 202 P&S syphilis cases were reported in San Francisco, a 16.2 percent decrease from 2006. This was the third consecutive year of decreases in cases reported from San Francisco. 81.7 percent of reported cases were interviewed.
- MSM accounted for 91.6 percent of reported cases, compared to 90.0 percent in 2006 and 87.6 percent in 2005.
- The majority of MSM cases were 35 to 44 years old (43.3 percent), similar to those in previous years; however, the proportion of cases 20 to 24 years old and 45 to 49 years old increased in 2007, while proportions in all other age groups decreased.
- Among interviewed MSM, 45.6 percent reported having had anonymous sex partners in the previous year, and 44.9 percent reported having used drugs in the previous year. Reported meth remained the most commonly reported drug, with the exception of marijuana. The Internet was the most commonly reported venue used to meet sex partners (36.7 percent), although reported use decreased for a third consecutive year.
- Three female P&S cases and four male heterosexual P&S syphilis cases were reported in 2007, all of whom were interviewed. The number of African American cases increased from one in 2006 to four in 2007; no non-Hispanic White cases were reported in 2007, compared to seven in 2005.
- Of interviewed heterosexual cases, two reported having used drugs in the previous year, although no meth use was reported. 'Bars/clubs' (n = 2) and 'streets' (n = 1) were the only reported venues used to meet sex partners.

Table 6a. P&S Syphilis Cases, San Francisco, California, 2000-2007

	2000		2001		2002		2003		2004		2005		2006		2007	
	N=53	%	N=136	%	N=314	%	N=334	%	N=348	%	N=249	%	N=241	%	N=202	%
County																
SAN FRANCISCO	53	100	136	100	314	100	334	100	348	100	249	100	241	100	202	100

Prepared by the California Department of Public Health.

Table 6b. MSM P&S Syphilis Cases, San Francisco, California, 2000-2007

	2000		2001		2002		2003		2004		2005		2006		2007	
	N=42	%	N=116	%	N=290	%	N=317	%	N=325	%	N=218	%	N=217	%	N=185	%
San Francisco	42	100.0	116	100.0	290	100.0	317	100.0	325	100.0	218	100.0	217	100.0	185	100.0
Sexual Orientation¹																
Male Bi-sexual	0	0.0	2	1.7	5	1.7	10	3.2	6	1.9	4	1.8	3	1.4	3	1.6
MSM Only	42	100.0	114	98.3	285	98.3	307	99.7	319	98.2	214	98.2	214	98.6	182	98.4
Age																
<20	0	0.0	1	0.9	0	0.0	3	0.9	0	0.0	1	0.5	1	0.5	1	0.5
20-24	1	2.4	3	2.6	6	2.1	8	2.5	13	4.0	3	1.4	9	4.1	13	7.0
25-29	5	11.9	11	9.5	23	7.9	35	11.0	43	13.2	22	10.1	22	10.1	17	9.2
30-34	12	28.6	22	19.0	57	19.7	75	23.7	47	14.5	34	15.6	23	10.6	14	7.6
35-39	11	26.2	34	29.3	89	30.7	89	28.1	75	23.1	46	21.1	51	23.5	41	22.2
40-44	6	14.3	24	20.7	55	19.0	52	16.4	86	26.5	47	21.6	54	24.9	39	21.1
45-49	1	2.4	14	12.1	32	11.0	32	10.1	33	10.2	33	15.1	20	9.2	28	15.1
50+	6	14.3	7	6.0	28	9.7	23	7.3	28	8.6	32	14.7	37	17.1	32	17.3
Race/Ethnicity																
White	25	59.5	79	68.1	198	68.3	219	69.1	197	60.6	154	70.6	136	62.7	128	69.2
Latino	5	11.9	18	15.5	45	15.5	60	18.9	61	18.8	33	15.1	42	19.4	28	15.1
Black	5	11.9	12	10.3	15	5.2	12	3.8	25	7.7	14	6.4	17	7.8	14	7.6
Asian	6	14.3	6	5.2	24	8.3	22	6.9	34	10.5	12	5.5	17	7.8	10	5.4
Other ²	0	0.0	1	0.9	3	1.0	2	0.6	5	1.5	4	1.8	2	0.9	2	1.1
Missing	1	2.4	0	0.0	5	1.7	2	0.6	3	0.9	1	0.5	3	1.4	3	1.6
Provider Type																
EIP/HIV care facility	2	4.8	5	4.3	19	6.6	11	3.5	9	2.8	16	7.3	10	4.6	6	3.2
STD clinic	12	28.6	42	36.2	105	36.2	123	38.8	137	42.2	58	26.6	82	37.8	62	33.5
Correctional facility	0	0.0	0	0.0	2	0.7	0	0.0	3	0.9	1	0.5	0	0.0	0	0.0
Public clinic	6	14.3	13	11.2	17	5.9	37	11.7	59	18.2	40	18.3	26	12.0	36	19.5
Private provider	13	31.0	35	30.2	78	26.9	90	28.4	76	23.4	77	35.3	57	26.3	50	27.0
Other provider	9	21.4	21	18.1	69	23.8	56	17.7	41	12.6	26	11.9	42	19.4	31	16.8
INTERVIEWED CASES ONLY																
	N=40	%	N=113	%	N=249	%	N=290	%	N=289	%	N=179	%	N=177	%	N=158	%
HIV Status³																
Positive	16	42.1	66	59.5	155	66.0	173	61.8	158	56.2	107	61.5	110	64.7	96	61.2
Negative	22	57.9	45	40.5	80	34.0	107	38.2	123	43.8	67	38.5	60	35.3	56	36.8
Unknown/Refused	2		2		14		10		8		5		7		6	
Past Drug Use⁴																
Methamphetamines	1	2.5	17	15.0	65	26.1	90	31.0	81	28.0	60	33.5	52	29.4	42	26.6
Cocaine	0	0.0	3	2.7	4	1.6	7	2.4	17	5.9	10	5.6	9	5.1	0	0.0
Crack	2	5.0	2	1.8	4	1.6	0	0.0	5	1.7	5	2.8	3	1.7	2	1.3
Heroin	0	0.0	0	0.0	0	0.0	0	0.0	3	1.0	0	0.0	1	0.6	2	1.3
Ecstasy	0	0.0	5	4.4	18	7.2	22	7.6	27	9.3	16	8.9	16	9.0	0	0.0
Marijuana	0	0.0	18	15.9	50	20.1	55	19.0	69	23.9	53	29.6	56	31.6	50	31.6
Poppers	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Impotence drugs	0	0.0	2	1.8	24	9.6	87	30.0	88	30.4	45	25.1	51	28.8	--	--
Venues Used to Meet Sex Partners⁴																
Bars/clubs	4	10.0	30	26.5	47	18.9	59	20.3	71	24.6	29	16.2	31	17.5	28	17.7
Bathhouses/Sex clubs	10	25.0	37	32.7	63	25.3	68	23.4	56	19.4	25	14.0	30	16.9	30	19.0
Internet	11	27.5	27	23.9	89	35.7	132	45.5	132	45.7	71	39.7	68	38.4	58	36.7
Adult Bookstores/Cinemas	5	12.5	17	15.0	16	6.4	13	4.5	14	4.8	14	7.8	8	4.5	8	5.1
Motels/hotels	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Private/Circuit Parties	0	0.0	0	0.0	6	2.4	7	2.4	2	0.7	2	1.1	5	2.8	0	0.0
Streets	1	2.5	4	3.5	14	5.6	23	7.9	25	8.7	10	5.6	9	5.1	12	7.6
CSW or received money/drugs for sex^{4,6}	2	5.0	2	1.8	9	3.6	4	1.4	3	1.0	5	2.8	3	1.7	2	1.3
Gave money/drugs for sex⁴	1	2.5	1	0.9	8	3.2	9	3.1	12	4.2	3	1.7	5	2.8	4	2.5
Had anonymous partners⁴	11	27.5	53	46.9	113	45.4	119	41.0	117	40.5	68	38.0	71	40.1	72	45.6
Past STD infection (non-syphilis)⁴	4	10.0	26	23.0	46	18.5	68	23.4	57	19.7	38	21.2	35	19.8	33	20.9
Previous syphilis infection⁷	1	2.5	6	5.3	14	5.6	30	10.3	52	18.0	33	18.4	41	23.2	36	22.8
Currently incarcerated	0	0.0	0	0.0	2	0.8	0	0.0	3	1.0	1	0.6	0	0.0	0	0.0
Current or past year incarceration⁷	0	0.0	0	0.0	2	0.8	0	0.0	3	1.0	1	0.6	0	0.0	0	0.0

¹Sexual orientation determined from patient's self-reported gender of sex partners and/or information obtained from medical provider

²Other race/ethnicity includes Native Hawaiian/Pacific Islander, American Indian/Alaskan Native, Multi-race, Other minorities, and "Other"

³HIV co-infection status based on patient self-disclosure; percentages exclude unknown/refused

⁴Percentages based on interviewed female cases only

⁵San Francisco provides data on specific impotence drugs only: Viagra, Cialis, Levitra; but data not available for 2007.

⁶Past year incarceration data not available from San Francisco

Prepared by the California Department of Public Health.

Table 6c. Male Heterosexual & Female P&S Syphilis Cases, San Francisco, California, 2000-2007

	2000		2001		2002		2003		2004		2005		2006		2007	
	N=11	%	N=14	%	N=13	%	N=7	%	N=7	%	N=12	%	N=8	%	N=7	%
San Francisco	11	100.0	14	100.0	13	100.0	7	100.0	7	100.0	12	100.0	8	100.0	7	100.0
Sexual Orientation¹																
Male Heterosexual	6	54.5	12	85.7	9	69.2	4	57.1	7	100.0	9	75.0	6	75.0	4	57.1
Female	5	45.5	2	14.3	4	30.8	3	42.9	0	0.0	3	25.0	2	25.0	3	42.9
Age																
<20	1	9.1	1	7.1	4	30.8	1	14.3	0	0.0	0	0.0	0	0.0	0	0.0
20-24	2	18.2	1	7.1	1	7.7	1	14.3	1	14.3	0	0.0	1	12.5	0	0.0
25-29	2	18.2	3	21.4	3	23.1	1	14.3	0	0.0	1	8.3	0	0.0	1	14.3
30-34	3	27.3	1	7.1	0	0.0	1	14.3	1	14.3	3	25.0	0	0.0	1	14.3
35-39	0	0.0	4	28.6	4	30.8	1	14.3	2	28.6	4	33.3	0	0.0	1	14.3
40-44	1	9.1	2	14.3	1	7.7	1	14.3	2	28.6	1	8.3	1	12.5	1	14.3
45-49	0	0.0	1	7.1	0	0.0	0	0.0	0	0.0	1	8.3	4	50.0	2	28.6
50+	2	18.2	1	7.1	0	0.0	1	14.3	1	14.3	2	16.7	2	25.0	1	14.3
Race/Ethnicity																
White	5	45.5	2	14.3	1	7.7	1	14.3	2	28.6	7	58.3	3	37.5	0	0.0
Latino	4	36.4	3	21.4	9	69.2	5	71.4	3	42.9	2	16.7	2	25.0	2	28.6
Black	2	18.2	5	35.7	3	23.1	1	14.3	1	14.3	0	0.0	1	12.5	4	57.1
Asian	0	0.0	4	28.6	0	0.0	0	0.0	0	0.0	3	25.0	2	25.0	1	14.3
Missing	0	0.0	0	0.0	0	0.0	0	0.0	1	14.3	0	0.0	0	0.0	0	0.0
Provider Type																
EIP/HIV care facility	1	9.1	1	7.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
STD clinic	4	36.4	5	35.7	7	53.8	1	14.3	2	28.6	6	50.0	1	12.5	1	14.3
Correctional facility	0	0.0	1	7.1	1	7.7	2	28.6	0	0.0	0	0.0	0	0.0	0	0.0
Public clinic	3	27.3	1	7.1	1	7.7	4	57.1	3	42.9	1	8.3	1	12.5	0	0.0
Private provider	2	18.2	3	21.4	4	30.8	0	0.0	0	0.0	4	33.3	3	37.5	4	57.1
Other provider	1	9.1	3	21.4	0	0.0	0	0.0	2	28.6	1	8.3	3	37.5	2	28.6
	INTERVIEWED CASES ONLY															
	N=10	%	N=13	%	N=12	%	N=7	%	N=7	%	N=11	%	N=7	%	N=7	%
HIV Status²																
Positive	0	0.0	2	16.7	0	0.0	0	0.0	0	0.0	0	0.0	2	28.6	0	0.0
Negative	8	100.0	10	83.3	8	100.0	6	100.0	7	100.0	11	100.0	5	71.4	6	100.0
Unknown/Refused	2		1		4		1		0		0		0		1	
Currently pregnant (females only)³	0	0.0	0	0.0	0	0.0	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0
Pregnant partner (males only)⁴	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Past Drug Use⁵	3	30.0	6	46.2	6	50.0	4	57.1	4	57.1	5	45.5	2	28.6	2	28.6
Methamphetamines	2		1		0		0		2		3		1		1	
Cocaine	0	0.0	3	23.1	1	8.3	0	0.0	1	14.3	1	9.1	1	14.3	0	0.0
Crack	2	20.0	2	15.4	1	8.3	1	14.3	1	14.3	2	18.2	0	0.0	1	14.3
Heroin	1	10.0	0	0.0	0	0.0	0	0.0	1	14.3	0	0.0	1	14.3	0	0.0
Ecstasy	0	0.0	1	7.7	0	0.0	0	0.0	1	14.3	0	0.0	0	0.0	0	0.0
Marijuana	2	20.0	0	0.0	4	33.3	4	57.1	0	0.0	2	18.2	2	28.6	2	28.6
Poppers	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Impotence drugs ⁶	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	--	--
Venues Used to Meet Sex Partners⁵																
Bars/clubs	1	10.0	2	15.4	0	0.0	2	28.6	4	57.1	1	9.1	1	14.3	2	28.6
Bathhouses/Sex clubs	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Internet	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	18.2	0	0.0	0	0.0
Adult Bookstores/Cinemas	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Motels/hotels	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Private/Circuit Parties	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	14.3	0	0.0
Streets	0	0.0	3	23.1	3	25.0	2	28.6	1	14.3	1	9.1	1	14.3	1	14.3
CSW or received money/drugs for sex^{5,7}	2	20.0	3	23.1	2	16.7	0	0.0	2	28.6	5	45.5	1	14.3	0	0.0
Gave money/drugs for sex⁵	1	10.0	2	15.4	0	0.0	0	0.0	0	0.0	1	9.1	0	0.0	0	0.0
Had anonymous partners⁵	2	20.0	3	23.1	3	25.0	3	42.9	1	14.3	4	36.4	2	28.6	0	0.0
Past STD infection (non-syphilis)⁶	0	0.0	3	23.1	2	16.7	0	0.0	0	0.0	1	9.1	0	0.0	0	0.0
Previous syphilis infection?	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	14.3	0	0.0
Currently incarcerated	0	0.0	1	7.7	1	8.3	2	28.6	0	0.0	0	0.0	0	0.0	0	0.0
Current or past year incarceration^{5,8}	0	0.0	1	7.7	1	8.3	2	28.6	0	0.0	0	0.0	0	0.0	0	0.0

¹Sexual orientation determined from patient's self-reported gender of sex partners and/or information obtained from medical provider

²HIV co-infection status based on patient self-disclosure; percentages exclude unknown/refused

³Percentages based on interviewed female cases only

⁴Percentages based on interviewed male heterosexual cases only

⁵Refers to activity in past year only

⁶San Francisco provides data on specific impotence drugs only: Viagra, Cialis, Levitra; but data not available for 2007.

⁷CSW = commercial sex worker

⁸Past year incarceration data not available from San Francisco

(Regional Highlights, California, 2007, cont'd.)
Central Region (see Tables 7a-c; pages 24-26)

- Forty-two P&S syphilis cases were reported in the Central Region, a 40.0 percent increase from 2006. Fresno and Tulare Counties accounted for 70.0 percent of all reported cases. 97.5 percent of cases were interviewed.
- MSM accounted for 37.5 percent of reported cases, compared to 53.3 percent in 2006 and 40.0 percent in 2004.
- Among 14 interviewed MSM cases, 11 reported having had anonymous sex partners in the previous year, and 10 reported having used drugs in the previous year. 'Bars/clubs' was the most commonly reported venue used to meet sex partners among MSM, followed by the Internet and 'adult bookstores/cinemas'. No cases reported meeting sex partners at 'private/circuit parties' in 2007, compared to four cases in 2006.
- Twelve male heterosexual and 13 female cases were reported in 2007, compared to seven for both in 2006. The Central Region is the only California region where heterosexual cases outnumber MSM cases.
- Of 25 heterosexual cases, 3 reported having had anonymous sex partners in the previous year, 19 reported having used drugs in the previous year, and 'bars/clubs' was the most commonly reported venue used to meet sex partners. A consistently high proportion of cases reported using meth.
- Twelve heterosexual cases reported current or previous year incarceration in 2007, compared to five in 2006.

Table 7a. LHJ of Residence, P&S Syphilis Cases, Central Region, California, 2000-2007

		2000	2001	2002	2003	2004	2005	2006	2007
		N=17	N=18	N=18	N=26	N=25	N=18	N=30	N=42
County	FRESNO	3	4	3	8	4	4	8	9
	KINGS	0	3	1	1	0	0	4	0
	MADERA	0	0	1	0	0	0	1	1
	MARIPOSA	1	0	0	0	0	0	0	1
	MERCED	10	5	0	0	0	0	2	1
	MONTEREY	2	1	6	3	1	0	0	1
	SAN BENITO	0	0	0	0	0	1	0	2
	SANTA CRUZ	0	0	4	7	4	1	4	1
	STANISLAUS	1	5	2	5	13	6	3	7
	TULARE	0	0	1	2	3	6	8	19

Prepared by the California Department of Public Health.

Table 7b. MSM P&S Syphilis Cases, Central Region,¹ California, 2000-2007

	2000		2001		2002		2003		2004		2005		2006		2007	
	N=3	%	N=2	%	N=15	%	N=10	%	N=10	%	N=9	%	N=16	%	N=15	%
Central Region	3	100.0	2	100.0	15	100.0	10	100.0	10	100.0	9	100.0	16	100.0	15	100.0
Sexual Orientation²																
Male Bi-sexual	1	33.3	0	0.0	2	13.3	1	10.0	2	20.0	2	22.2	4	25.0	4	26.7
MSM Only	2	66.7	2	100.0	13	86.7	9	90.0	8	80.0	7	77.8	12	75.0	11	73.3
Age																
<20	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	6.7
20-24	0	0.0	0	0.0	0	0.0	2	20.0	3	30.0	1	11.1	2	12.5	3	20.0
25-29	0	0.0	0	0.0	3	20.0	0	0.0	0	0.0	1	11.1	1	6.3	2	13.3
30-34	1	33.3	1	50.0	0	0.0	2	20.0	1	10.0	1	11.1	3	18.8	1	6.7
35-39	2	66.7	1	50.0	4	26.7	3	30.0	4	40.0	3	33.3	3	18.8	2	13.3
40-44	0	0.0	0	0.0	4	26.7	3	30.0	2	20.0	1	11.1	5	31.3	1	6.7
45-49	0	0.0	0	0.0	3	20.0	0	0.0	0	0.0	0	0.0	2	12.5	3	20.0
50+	0	0.0	0	0.0	1	6.7	0	0.0	0	0.0	2	22.2	0	0.0	2	13.3
Race/Ethnicity																
White	2	66.7	2	100.0	7	46.7	3	30.0	5	50.0	6	66.7	4	25.0	9	60.0
Latino	1	33.3	0	0.0	5	33.3	5	50.0	4	40.0	2	22.2	8	50.0	6	40.0
Black	0	0.0	0	0.0	2	13.3	1	10.0	0	0.0	1	11.1	2	12.5	0	0.0
Asian	0	0.0	0	0.0	0	0.0	1	10.0	1	10.0	0	0.0	1	6.3	0	0.0
Missing	0	0.0	0	0.0	1	6.7	0	0.0	0	0.0	0	0.0	1	6.3	0	0.0
Provider Type																
EIP/HIV care facility	0	0.0	0	0.0	1	6.7	2	20.0	2	20.0	0	0.0	3	18.8	1	6.7
STD clinic	0	0.0	0	0.0	1	6.7	2	20.0	2	20.0	0	0.0	3	18.8	4	26.7
Family Planning	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	6.3	1	6.7
Public clinic	0	0.0	1	50.0	3	20.0	0	0.0	3	30.0	1	11.1	0	0.0	0	0.0
Private provider	3	100.0	1	50.0	8	53.3	6	60.0	3	30.0	7	77.8	9	56.3	8	53.3
Other provider	0	0.0	0	0.0	2	13.3	0	0.0	0	0.0	1	11.1	0	0.0	1	6.7
	INTERVIEWED CASES ONLY															
	N=2	%	N=2	%	N=14	%	N=10	%	N=10	%	N=8	%	N=15	%	N=14	%
HIV Status³																
Positive	0	0.0	1	100.0	9	69.2	4	40.0	2	33.3	3	42.9	10	66.7	5	41.7
Negative	1	100.0	0	0.0	4	30.8	6	60.0	4	66.7	4	57.1	5	33.3	7	58.3
Unknown/Refused	1		1				0		4		1		0		2	
Past Drug Use⁴	0	0.0	0	0.0	7	50.0	3	30.0	6	60.0	4	50.0	7	46.7	10	71.4
Methamphetamines	0	0.0	0	0.0	5	35.7	3	30.0	3	30.0	1	12.5	3	20.0	2	14.3
Cocaine	0	0.0	0	0.0	0	0.0	1	10.0	0	0.0	0	0.0	0	0.0	0	0.0
Crack	0	0.0	0	0.0	0	0.0	1	10.0	0	0.0	0	0.0	0	0.0	0	0.0
Heroin	0	0.0	0	0.0	0	0.0	1	10.0	0	0.0	0	0.0	0	0.0	0	0.0
Ecstasy	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Marijuana	0	0.0	0	0.0	1	7.1	1	10.0	3	30.0	0	0.0	4	26.7	3	21.4
Poppers	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Impotence drugs	0	0.0	0	0.0	2	14.3	0	0.0	0	0.0	1	12.5	0	0.0	0	0.0
Venues Used to Meet Sex Partners⁴																
Bars/clubs	1	50.0	0	0.0	6	42.9	1	10.0	3	30.0	6	75.0	7	46.7	4	28.6
Bathhouses/Sex clubs	0	0.0	0	0.0	2	14.3	3	30.0	2	20.0	0	0.0	1	6.7	1	7.1
Internet	0	0.0	1	50.0	3	21.4	4	40.0	5	50.0	3	37.5	4	26.7	3	21.4
Adult Bookstores/Cinemas	0	0.0	0	0.0	0	0.0	1	10.0	0	0.0	1	12.5	3	20.0	3	21.4
Motels/hotels	0	0.0	0	0.0	1	7.1	0	0.0	0	0.0	0	0.0	2	13.3	2	14.3
Private/Circuit Parties	0	0.0	0	0.0	0	0.0	0	0.0	1	10.0	0	0.0	4	26.7	0	0.0
Streets	0	0.0	0	0.0	2	14.3	0	0.0	4	40.0	0	0.0	1	6.7	1	7.1
CSW or received money/drugs for sex^{4,5}	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Gave money/drugs for sex⁴	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	6.7	2	14.3
Had anonymous partners⁴	0	0.0	1	50.0	9	64.3	6	60.0	5	50.0	6	75.0	13	86.7	11	78.6
Past STD infection (non-syphilis)⁴	0	0.0	0	0.0	1	7.1	1	10.0	1	10.0	0	0.0	1	6.7	4	28.6
Previous syphilis infection?	0	0.0	0	0.0	2	14.3	1	10.0	0	0.0	0	0.0	0	0.0	0	0.0
Currently incarcerated	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Current or past year incarceration	0	0.0	0	0.0	0	0.0	0	0.0	2	20.0	1	12.5	2	13.3	0	0.0

¹Central Region includes the following LHJs: Fresno, Inyo, Kings, Madera, Mariposa, Merced, Mono, Monterey, San Benito, Santa Cruz, Stanislaus, Tuolumne, Tulare

²Sexual orientation determined from patient's self-reported gender of sex partners and/or information obtained from medical provider

³Other race/ethnicity includes Native Hawaiian/Pacific Islander, American Indian/Alaskan Native, Multi-race, Other minorities, and "Other"

⁴HIV co-infection status based on patient self-disclosure; percentages exclude unknown/refused

⁵Refers to activity within the past year only

⁶CSW = commercial sex worker

Table 7c. Male Heterosexual & Female P&S Syphilis Cases, Central Region,¹ California, 2000-2007

	2000		2001		2002		2003		2004		2005		2006		2007	
	N=13	%	N=14	%	N=3	%	N=16	%	N=13	%	N=9	%	N=14	%	N=25	%
Central Region	13	100.0	14	100.0	3	100.0	16	100.0	13	100.0	9	100.0	14	100.0	25	100.0
Sexual Orientation²																
Male Heterosexual	9	69.2	7	50.0	1	33.3	11	68.8	8	61.5	4	44.4	7	50.0	12	48.0
Female	4	30.8	7	50.0	2	66.7	5	31.3	5	38.5	5	55.6	7	50.0	13	52.0
Age																
<20	0	0.0	0	0.0	1	33.3	1	6.3	4	30.8	0	0.0	1	7.1	2	8.0
20-24	1	7.7	3	21.4	0	0.0	5	31.3	1	7.7	2	22.2	2	14.3	5	20.0
25-29	0	0.0	0	0.0	1	33.3	2	12.5	0	0.0	1	11.1	3	21.4	7	28.0
30-34	0	0.0	6	42.9	0	0.0	2	12.5	4	30.8	2	22.2	3	21.4	5	20.0
35-39	3	23.1	2	14.3	0	0.0	3	18.8	2	15.4	1	11.1	1	7.1	0	0.0
40-44	2	15.4	1	7.1	0	0.0	0	0.0	1	7.7	2	22.2	2	14.3	1	4.0
45-49	2	15.4	0	0.0	1	33.3	0	0.0	1	7.7	0	0.0	1	7.1	2	8.0
50+	5	38.5	2	14.3	0	0.0	3	18.8	0	0.0	1	11.1	1	7.1	3	12.0
Race/Ethnicity																
White	3	23.1	4	28.6	0	0.0	3	18.8	3	23.1	3	33.3	4	28.6	8	32.0
Latino	5	38.5	7	50.0	2	66.7	10	62.5	10	76.9	5	55.6	7	50.0	16	64.0
Black	5	38.5	2	14.3	0	0.0	1	6.3	0	0.0	0	0.0	2	14.3	1	4.0
Asian	0	0.0	0	0.0	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other ³	0	0.0	1	7.1	0	0.0	1	6.3	0	0.0	1	11.1	1	7.1	0	0.0
Missing	0	0.0	0	0.0	0	0.0	1	6.3	0	0.0	0	0.0	0	0.0	0	0.0
Provider Type																
EIP/HIV care facility	0	0.0	0	0.0	0	0.0	1	6.3	0	0.0	0	0.0	0	0.0	0	0.0
STD clinic	5	38.5	5	35.7	1	33.3	3	18.8	1	7.7	2	22.2	2	14.3	2	8.0
Family Planning	1	7.7	2	14.3	1	33.3	1	6.3	0	0.0	0	0.0	0	0.0	2	8.0
Correctional facility	2	15.4	1	7.1	0	0.0	3	18.8	1	7.7	2	22.2	2	14.3	5	20.0
Public clinic	2	15.4	4	28.6	0	0.0	1	6.3	6	46.2	1	11.1	2	14.3	1	4.0
Private provider	3	23.1	2	14.3	0	0.0	4	25.0	4	30.8	3	33.3	8	57.1	14	56.0
Other provider	0	0.0	0	0.0	1	33.3	3	18.8	1	7.7	1	11.1	0	0.0	1	4.0
	INTERVIEWED CASES ONLY															
	N=13	%	N=14	%	N=3	%	N=16	%	N=13	%	N=9	%	N=14	%	N=25	%
HIV Status⁴																
Positive	0	0.0	0	0.0	0	0.0	3	33.3	0	0.0	0	0.0	1	16.7	0	0.0
Negative	12	100.0	6	100.0	2	100.0	6	66.7	5	100.0	5	100.0	5	83.3	11	100.0
Unknown/Refused	1		8		1		7		8		4		8		14	
Currently pregnant (females only)⁵	0	0.0	0	0.0	1	50.0	1	20.0	0	0.0	1	20.0	0	0.0	3	23.1
Pregnant partner (males only)⁶	0	0.0	0	0.0	0	0.0	0	0.0	1	12.5	1	25.0	0	0.0	0	0.0
Past Drug Use⁷	5	38.5	9	64.3	1	33.3	5	31.3	11	84.6	7	77.8	11	78.6	19	76.0
Methamphetamines	0	0.0	5	35.7	0	0.0	3	18.8	8	61.5	4	44.4	4	28.6	11	44.0
Cocaine	3	23.1	3	21.4	1	33.3	1	6.3	2	15.4	2	22.2	1	7.1	3	12.0
Crack	3	23.1	5	35.7	1	33.3	1	6.3	0	0.0	0	0.0	0	0.0	1	4.0
Heroin	0	0.0	1	7.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	4.0
Ecstasy	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Marijuana	1	7.7	2	14.3	0	0.0	3	18.8	5	38.5	5	55.6	7	50.0	13	52.0
Poppers	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Impotence drugs	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Venues Used to Meet Sex Partners⁷																
Bars/clubs	1	7.7	4	28.6	1	33.3	4	25.0	0	0.0	2	22.2	1	7.1	3	12.0
Bathhouses/Sex clubs	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Internet	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Adult Bookstores/Cinemas	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Motels/hotels	1	7.7	2	14.3	0	0.0	0	0.0	2	15.4	0	0.0	1	7.1	0	0.0
Private/Circuit Parties	0	0.0	0	0.0	0	0.0	0	0.0	3	23.1	1	11.1	1	7.1	2	8.0
Streets	4	30.8	3	21.4	0	0.0	0	0.0	2	15.4	0	0.0	3	21.4	2	8.0
CSW or received money/drugs for sex^{7,8}	6	46.2	6	42.9	1	33.3	3	18.8	3	23.1	1	11.1	1	7.1	2	8.0
Gave money/drugs for sex⁷	3	23.1	3	21.4	0	0.0	1	6.3	0	0.0	2	22.2	3	21.4	1	4.0
Had anonymous partners⁷	5	38.5	6	42.9	0	0.0	5	31.3	3	23.1	4	44.4	7	50.0	3	12.0
Past STD infection (non-syphilis)⁷	1	7.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	8.0
Previous syphilis infection?	1	7.7	0	0.0	0	0.0	0	0.0	1	7.7	1	11.1	0	0.0	0	0.0
Currently incarcerated	2	15.4	1	7.1	0	0.0	3	18.8	1	7.7	2	22.2	3	21.4	5	20.0
Current or past year incarceration	4	30.8	3	21.4	0	0.0	5	31.3	3	23.1	5	55.6	5	35.7	12	48.0

¹Central Region includes the following LHJs: Fresno, Inyo, Kings, Madera, Mariposa, Merced, Mono, Monterey, San Benito, Santa Cruz, Stanislaus, Tuolumne, Tulare

²Sexual orientation determined from patient's self-reported gender of sex partners and/or information obtained from medical provider

³Other race/ethnicity includes Native Hawaiian/Pacific Islander, American Indian/Alaskan Native, Multi-race, Other minorities, and "Other"

⁴HIV co-infection status based on patient self-disclosure; percentages exclude unknown/refused

⁵Percentages based on interviewed female cases only

⁶Percentages based on interviewed male heterosexual cases only

⁷Refers to activity within the past year only

⁸CSW = commercial sex worker

(Regional Highlights, California, 2007, cont'd.)

Southern Region, excluding Los Angeles (see Tables 8a-c; pages 27-29)

- 716 P&S syphilis cases were reported in the Southern Region, a 28.8 percent increase from 2006. San Diego and Orange Counties accounted for 68.7 percent of reported cases. 83.8 percent of cases were interviewed.
- MSM accounted for 78.4 percent of reported cases, compared to 75.2 percent in 2006 and 69.9 percent in 2005.
- An increasing proportion (25.3 percent) of reported MSM cases were from public clinics.
- Among interviewed MSM, 63.8 percent reported having had anonymous sex partners in the previous year, and 68.0 percent reported having used drugs in the previous year. The Internet was the most commonly reported venue used to meet sex partners (41.0 percent), followed by 'bars/clubs' (34.6 percent), and 'bathhouses/sex clubs' and 'private/circuit parties' (12.7 percent each).
- Among interviewed heterosexual cases, 40.2 percent reported having had anonymous sex partners in the previous year, and 72.2 percent reported having used drugs in the previous year. 'Bars/clubs' was the most commonly reported venue used to meet sex partners (23.7 percent), followed by 'streets' (18.6 percent) and 'private/circuit parties' (15.5 percent).

Table 8a. LHJ of Residence, P&S Syphilis Cases, Southern Region (excluding Los Angeles), California, 2000-2007

County	2000	2001	2002	2003	2004	2005	2006	2007
	N=100	N=130	N=196	N=312	N=347	N=508	N=556	N=716
IMPERIAL	0	0	0	2	0	1	2	3
KERN	7	10	7	3	3	14	23	23
LONG BEACH	19	21	41	57	38	66	75	76
ORANGE	28	39	30	37	50	96	80	141
PASADENA	0	5	6	5	7	3	9	8
RIVERSIDE	6	17	61	72	84	105	79	77
SAN BERNARDINO	10	6	7	19	18	17	26	14
SAN DIEGO	28	28	39	111	136	193	239	351
SAN LUIS OBISPO	0	0	1	2	2	1	4	2
SANTA BARBARA	1	3	2	1	2	3	4	7
VENTURA	1	1	2	3	7	9	15	14

Prepared by the California Department of Public Health.

Table 8b. MSM P&S Syphilis Cases, Southern Region¹ (excluding Los Angeles), California, 2000-2007

	2000		2001		2002		2003		2004		2005		2006		2007	
	N=49	%	N=81	%	N=163	%	N=255	%	N=279	%	N=355	%	N=418	%	N=561	%
Southern CA, No Los Angeles	49	100.0	81	100.0	163	100.0	255	100.0	279	100.0	355	100.0	418	100.0	561	100.0
Sexual Orientation²																
Male Bi-sexual	5	10.2	12	14.8	12	7.4	8	3.1	15	5.4	25	7.0	30	7.2	36	6.4
Male Homosexual	44	89.8	69	85.2	151	92.6	247	96.9	264	94.6	330	93.0	388	92.8	525	93.6
Age																
<20	1	2.0	1	1.2	2	1.2	1	0.4	2	0.7	2	0.6	6	1.4	9	1.6
20-24	5	10.2	9	11.1	13	8.0	25	9.8	16	5.7	24	6.8	41	9.8	67	11.9
25-29	6	12.2	18	22.2	15	9.2	23	9.0	29	10.4	47	13.2	57	13.6	87	15.5
30-34	12	24.5	16	19.8	29	17.8	41	16.1	45	16.1	54	15.2	57	13.6	69	12.3
35-39	12	24.5	15	18.5	38	23.3	59	23.1	50	17.9	69	19.4	81	19.4	91	16.2
40-44	5	10.2	6	7.4	29	17.8	58	22.7	70	25.1	70	19.7	70	16.7	116	20.7
45-49	4	8.2	8	9.9	17	10.4	23	9.0	34	12.2	53	14.9	53	12.7	68	12.1
50+	4	8.2	8	9.9	20	12.3	25	9.8	33	11.8	36	10.1	53	12.7	54	9.6
Race/Ethnicity																
White	30	61.2	38	46.9	97	59.5	169	66.3	180	64.5	224	63.1	248	59.3	311	55.4
Latino	11	22.4	27	33.3	38	23.3	67	26.3	68	24.4	89	25.1	113	27.0	168	29.9
Black	5	10.2	10	12.3	18	11.0	6	2.4	15	5.4	22	6.2	30	7.2	48	8.6
Asian	3	6.1	4	4.9	5	3.1	9	3.5	4	1.4	10	2.8	14	3.3	16	2.9
Other ³	0	0.0	0	0.0	1	0.6	1	0.4	10	3.6	7	2.0	9	2.2	9	1.6
Missing	0	0.0	2	2.5	4	2.5	3	1.2	2	0.7	3	0.8	4	1.0	9	1.6
Provider Type																
EIP/HIV care facility	0	0.0	10	12.3	28	17.2	54	21.2	74	26.5	114	32.1	131	31.3	146	26.0
STD clinic	9	18.4	10	12.3	14	8.6	14	5.5	24	8.6	30	8.5	31	7.4	41	7.3
Family Planning	0	0.0	1	1.2	0	0.0	2	0.8	2	0.7	3	0.8	3	0.7	11	2.0
Correctional facility	1	2.0	0	0.0	2	1.2	3	1.2	3	1.1	4	1.1	7	1.7	11	2.0
Public clinic	13	26.5	18	22.2	35	21.5	56	22.0	62	22.2	57	16.1	87	20.8	142	25.3
Private provider	23	46.9	38	46.9	77	47.2	117	45.9	99	35.5	126	35.5	143	34.2	193	34.4
Other provider	3	6.1	4	4.9	7	4.3	8	3.1	15	5.4	20	5.6	15	3.6	17	3.0
Unknown	0	0.0	0	0.0	0	0.0	1	0.4	0	0.0	1	0.3	1	0.2	0	0.0
INTERVIEWED CASES ONLY																
	N=48	%	N=78	%	N=158	%	N=237	%	N=270	%	N=318	%	N=372	%	N=503	%
HIV Status⁴																
Positive	19	42.2	44	62.0	98	70.0	134	59.8	155	63.0	199	66.3	210	60.3	261	56.1
Negative	26	57.8	27	38.0	42	30.0	90	40.2	91	37.0	101	33.7	138	39.7	204	43.9
Unknown/Refused	3		7		18		13		24		18		24		38	
Past Drug Use⁵	18	37.5	24	30.8	62	39.2	80	33.8	156	57.8	191	60.1	245	65.9	342	68.0
Methamphetamines	12	25.0	12	15.4	46	29.1	56	23.6	79	29.3	92	28.9	85	22.8	120	23.9
Cocaine	2	4.2	1	1.3	5	3.2	7	3.0	11	4.1	15	4.7	16	4.3	18	3.6
Crack	2	4.2	1	1.3	5	3.2	4	1.7	2	0.7	9	2.8	6	1.6	3	0.6
Heroin	0	0.0	0	0.0	2	1.3	1	0.4	2	0.7	0	0.0	5	1.3	3	0.6
Ecstasy	0	0.0	1	1.3	2	1.3	6	2.5	19	7.0	19	6.0	13	3.5	23	4.6
Marijuana	6	12.5	8	10.3	18	11.4	23	9.7	52	19.3	65	20.4	58	15.6	77	15.3
Poppers	0	0.0	1	1.3	1	0.6	3	1.3	29	10.7	32	10.1	23	6.2	20	4.0
Impotence drugs	0	0.0	0	0.0	0	0.0	1	0.4	29	10.7	22	6.9	20	5.4	24	4.8
Venues Used to Meet Sex Partners⁵																
Bars/clubs	21	43.8	35	44.9	64	40.5	89	37.6	87	32.2	104	32.7	117	31.5	174	34.6
Bathhouses/Sex clubs	15	31.3	17	21.8	33	20.9	56	23.6	62	23.0	60	18.9	50	13.4	64	12.7
Internet	5	10.4	14	17.9	43	27.2	77	32.5	102	37.8	125	39.3	129	34.7	206	41.0
Adult Bookstores/Cinemas	1	2.1	5	6.4	6	3.8	12	5.1	12	4.4	18	5.7	12	3.2	9	1.8
Motels/hotels	1	2.1	0	0.0	8	5.1	9	3.8	13	4.8	17	5.3	25	6.7	37	7.4
Private/Circuit Parties	1	2.1	0	0.0	12	7.6	8	3.4	37	13.7	27	8.5	31	8.3	64	12.7
Streets	6	12.5	9	11.5	24	15.2	21	8.9	16	5.9	30	9.4	22	5.9	13	2.6
CSW or received money/drugs for sex^{5,6}	3	6.3	1	1.3	3	1.9	3	1.3	12	4.4	15	4.7	20	5.4	15	3.0
Gave money/drugs for sex⁵	3	6.3	3	3.8	8	5.1	4	1.7	6	2.2	10	3.1	15	4.0	12	2.4
Had anonymous partners⁵	23	47.9	51	65.4	116	73.4	163	68.8	194	71.9	234	73.6	240	64.5	321	63.8
Past STD infection (non-syphilis)⁵	3	6.3	7	9.0	14	8.9	28	11.8	31	11.5	20	6.3	30	8.1	64	12.7
Previous syphilis infection?	4	8.3	9	11.5	18	11.4	16	6.8	31	11.5	41	12.9	44	11.8	66	13.1
Currently incarcerated	1	2.1	0	0.0	2	1.3	3	1.3	4	1.5	4	1.3	6	1.6	13	2.6
Current or past year incarceration	4	8.3	5	6.4	5	3.2	12	5.1	11	4.1	26	8.2	18	4.8	42	8.3

¹Southern Region includes the following LHJs: Imperial, Kern, Long Beach, Orange, Pasadena, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, Ventura

²Sexual orientation determined from patient's self-reported gender of sex partners and/or information obtained from medical provider

³Other race/ethnicity includes Native Hawaiian/Pacific Islander, American Indian/Alaskan Native, Multi-race, Other minorities, and "Other"

⁴HIV co-infection status based on patient self-disclosure; percentages exclude unknown/refused

⁵Refers to activity within the past year only.

⁶CSW = commercial sex worker

Table 8c. Male Heterosexual & Female P&S Syphilis Cases, Southern Region (excluding Los Angeles), California, 2000-2007

	2000		2001		2002		2003		2004		2005		2006		2007	
	N=44	%	N=42	%	N=30	%	N=46	%	N=45	%	N=113	%	N=95	%	N=98	%
Southern CA, No Los Angeles	44	100.0	42	100.0	30	100.0	46	100.0	45	100.0	113	100.0	95	100.0	98	100.0
Sexual Orientation²																
Male Heterosexual	26	59.1	22	52.4	22	73.3	31	67.4	30	66.7	63	55.8	60	63.2	64	65.3
Female	18	40.9	20	47.6	8	26.7	15	32.6	15	33.3	50	44.2	35	36.8	34	34.7
Age																
<20	2	4.5	7	16.7	2	6.7	4	8.7	3	6.7	10	8.8	7	7.4	12	12.2
20-24	9	20.5	5	11.9	2	6.7	12	26.1	7	15.6	19	16.8	17	17.9	12	12.2
25-29	6	13.6	7	16.7	3	10.0	5	10.9	6	13.3	20	17.7	19	20.0	18	18.4
30-34	7	15.9	5	11.9	4	13.3	5	10.9	7	15.6	18	15.9	10	10.5	10	10.2
35-39	9	20.5	3	7.1	9	30.0	6	13.0	9	20.0	17	15.0	12	12.6	9	9.2
40-44	5	11.4	5	11.9	5	16.7	7	15.2	4	8.9	14	12.4	11	11.6	18	18.4
45-49	4	9.1	6	14.3	5	16.7	4	8.7	4	8.9	6	5.3	7	7.4	9	9.2
50+	2	4.5	4	9.5	0	0.0	3	6.5	5	11.1	9	8.0	12	12.6	10	10.2
Race/Ethnicity																
White	12	27.3	9	21.4	9	30.0	12	26.1	16	35.6	41	36.3	33	34.7	49	50.0
Latino	18	40.9	27	64.3	16	53.3	25	54.3	17	37.8	50	44.2	38	40.0	36	36.7
Black	12	27.3	5	11.9	4	13.3	8	17.4	9	20.0	17	15.0	18	18.9	8	8.2
Asian	1	2.3	0	0.0	0	0.0	1	2.2	2	4.4	3	2.7	5	5.3	3	3.1
Other ³	0	0.0	0	0.0	0	0.0	0	0.0	1	2.2	2	1.8	0	0.0	2	2.0
Missing	1	2.3	1	2.4	1	3.3	0	0.0	0	0.0	0	0.0	1	1.1	0	0.0
Provider Type																
EIP/HIV care facility	1	2.3	1	2.4	2	6.7	3	6.5	1	2.2	5	4.4	2	2.1	2	2.0
STD clinic	5	11.4	8	19.0	1	3.3	3	6.5	3	6.7	2	1.8	5	5.3	9	9.2
Family Planning	0	0.0	0	0.0	1	3.3	2	4.3	2	4.4	4	3.5	2	2.1	4	4.1
Correctional facility	5	11.4	3	7.1	3	10.0	5	10.9	4	8.9	16	14.2	11	11.6	6	6.1
Public clinic	14	31.8	11	26.2	6	20.0	9	19.6	13	28.9	30	26.5	28	29.5	28	28.6
Private provider	15	34.1	15	35.7	14	46.7	21	45.7	19	42.2	47	41.6	38	40.0	38	38.8
Other provider	4	9.1	4	9.5	3	10.0	3	6.5	3	6.7	9	8.0	9	9.5	10	10.2
Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.0
	INTERVIEWED CASES ONLY															
	N=39	%	N=39	%	N=30	%	N=46	%	N=43	%	N=110	%	N=91	%	N=97	%
HIV Status⁴																
Positive	1	3.6	0	0.0	2	9.1	6	16.2	2	8.7	7	13.7	5	9.1	8	10.4
Negative	27	94.6	24	100.0	20	90.9	31	83.8	21	91.3	44	86.3	50	90.9	69	89.6
Unknown/Refused	11		15		8		9		20		59		36		20	
Currently pregnant (females only)⁵	1	7.7	5	27.8	0	0.0	1	6.7	1	7.1	9	18.4	7	21.2	5	14.7
Pregnant partner (males only)⁶	2	7.7	2	9.5	0	0.0	0	0.0	1	3.4	1	1.6	4	6.9	1	1.6
Past Drug Use⁷	11	28.2	8	20.5	12	40.0	15	32.6	22	51.2	72	65.5	61	67.0	70	72.2
Methamphetamines	4	10.3	4	10.3	6	20.0	9	19.6	12	27.9	35	31.8	28	30.8	25	25.8
Cocaine	4	10.3	4	10.3	1	3.3	2	4.3	0	0.0	6	5.5	5	5.5	6	6.2
Crack	4	10.3	2	5.1	3	10.0	3	6.5	0	0.0	4	3.6	3	3.3	4	4.1
Heroin	1	2.6	1	2.6	1	3.3	1	2.2	1	2.3	2	1.8	3	3.3	2	2.1
Ecstasy	0	0.0	0	0.0	0	0.0	0	0.0	1	2.3	4	3.6	2	2.2	1	1.0
Marijuana	3	7.7	2	5.1	4	13.3	9	19.6	10	23.3	31	28.2	22	24.2	14	14.4
Poppers	0	0.0	0	0.0	0	0.0	0	0.0	1	2.3	0	0.0	0	0.0	0	0.0
Impotence drugs	0	0.0	0	0.0	0	0.0	0	0.0	1	2.3	0	0.0	1	1.1	2	2.1
Venues Used to Meet Sex Partners⁷																
Bars/clubs	9	23.1	6	15.4	8	26.7	7	15.2	16	37.2	30	27.3	24	26.4	23	23.7
Bathhouses/Sex clubs	0	0.0	0	0.0	1	3.3	0	0.0	0	0.0	0	0.0	1	1.1	0	0.0
Internet	0	0.0	1	2.6	0	0.0	2	4.3	2	4.7	2	1.8	0	0.0	5	5.2
Adult Bookstores/Cinemas	0	0.0	0	0.0	1	3.3	0	0.0	1	2.3	1	0.9	0	0.0	1	1.0
Motels/hotels	2	5.1	0	0.0	4	13.3	5	10.9	4	9.3	7	6.4	9	9.9	9	9.3
Private/Circuit Parties	0	0.0	0	0.0	0	0.0	2	4.3	4	9.3	15	13.6	6	6.6	15	15.5
Streets	4	10.3	4	10.3	1	3.3	8	17.4	7	16.3	10	9.1	19	20.9	18	18.6
CSW or received money/drugs for sex^{7,8}	12	30.8	6	15.4	4	13.3	6	13.0	1	2.3	6	5.5	2	2.2	6	6.2
Gave money/drugs for sex⁷	4	10.3	6	15.4	1	3.3	0	0.0	5	11.6	15	13.6	16	17.6	17	17.5
Had anonymous partners⁷	8	20.5	11	28.2	10	33.3	21	45.7	18	41.9	41	37.3	39	42.9	39	40.2
Past STD infection (non-syphilis)⁷	2	5.1	2	5.1	1	3.3	6	13.0	5	11.6	14	12.7	6	6.6	7	7.2
Previous syphilis infection?	0	0.0	1	2.6	1	3.3	2	4.3	0	0.0	2	1.8	1	1.1	0	0.0
Currently incarcerated	4	10.3	4	10.3	3	10.0	5	10.9	3	7.0	17	15.5	11	12.1	8	8.2
Current or past year incarceration	9	23.1	4	10.3	4	13.3	9	19.6	9	20.9	32	29.1	20	22.0	22	22.7

¹Southern Region includes the following LHJs: Imperial, Kern, Long Beach, Orange, Pasadena, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, Ventura

²Sexual orientation determined from patient's self-reported gender of sex partners and/or information obtained from medical provider

³Other race/ethnicity includes Native Hawaiian/Pacific Islander, American Indian/Alaskan Native, Multi-race, Other minorities, and "Other"

⁴HIV co-infection status based on patient self-disclosure; percentages exclude unknown/refused

⁵Percentages based on interviewed female cases only

⁶Percentages based on interviewed male heterosexual cases only

⁷Refers to activity within the past year only

⁸CSW = commercial sex worker

(Regional Highlights, California, 2007, cont'd.)

Los Angeles (see Tables 9a-c; pages 30-32)

- 847 P&S syphilis cases were reported in Los Angeles, a 7.1 percent increase from 2006. 80.6 percent of cases were interviewed.
- MSM accounted for 72.3 percent of reported cases, compared to 67.8 percent in 2006 and 67.1 percent in 2005.
- The proportion of MSM cases 35 to 44 years of age decreased from 43.8 percent in 2006 to 34.8 percent in 2007.
- Among interviewed MSM, 64.7 percent reported having had anonymous sex partners in the previous year, and 20.7 percent reported having used drugs in the previous year. In contrast to venue data for the Southern California region, 'bars/clubs' was the most commonly reported venue used to meet sex partners in Los Angeles County (32.7 percent), followed by the Internet (27.6 percent), and 'bathhouses/sex clubs' (14.2 percent).
- Among interviewed heterosexual cases, 38.8 percent reported having had anonymous sex partners in the previous year, and 30.9 percent reported having used drugs in the previous year. 'Streets' was the most commonly reported venue used to meet sex partners (19.4 percent), followed by 'bars/clubs' (15.8 percent). Very few heterosexuals reported meeting sex partners online.

Table 9a. LHJ of Residence, P&S Syphilis Cases, Los Angeles, California, 2000-2007

	2000		2001		2002		2003		2004		2005		2006		2007	
	N=127	%	N=183	%	N=372	%	N=469	%	N=474	%	N=666	%	N=791	%	N=847	%
County																
LOS ANGELES	127	100	183	100	372	100	469	100	474	100	666	100	791	100	847	100

Prepared by the California Department of Public Health.

Table 9b. MSM P&S Syphilis Cases, Los Angeles, California, 2000-2007

	2000		2001		2002		2003		2004		2005		2006		2007	
	N=65	%	N=129	%	N=293	%	N=357	%	N=342	%	N=447	%	N=536	%	N=612	%
Los Angeles	65	100.0	129	100.0	293	100.0	357	100.0	342	100.0	447	100.0	536	100.0	612	100.0
Sexual Orientation¹																
Male Bi-sexual	8	12.3	8	6.2	25	8.5	29	8.1	22	6.4	25	5.6	37	6.9	56	9.2
MSM Only	57	87.7	121	93.8	268	91.5	328	91.9	320	93.6	422	94.4	499	93.1	556	90.8
Age																
<20	0	0.0	1	0.8	4	1.4	2	0.6	3	0.9	4	0.9	7	1.3	10	1.6
20-24	4	6.2	11	8.5	22	7.5	24	6.7	34	9.9	40	8.9	47	8.8	81	13.2
25-29	5	7.7	20	15.5	36	12.3	33	9.2	37	10.8	55	12.3	87	16.2	107	17.5
30-34	17	26.2	26	20.2	58	19.8	62	17.4	57	16.7	77	17.2	67	12.5	82	13.4
35-39	20	30.8	38	29.5	74	25.3	106	29.7	84	24.6	99	22.1	133	24.8	107	17.5
40-44	10	15.4	17	13.2	54	18.4	67	18.8	72	21.1	83	18.6	102	19.0	106	17.3
45-49	7	10.8	10	7.8	26	8.9	34	9.5	30	8.8	49	11.0	52	9.7	61	10.0
50+	2	3.1	6	4.7	19	6.5	29	8.1	25	7.3	40	8.9	41	7.6	58	9.5
Race/Ethnicity																
White	29	44.6	54	41.9	155	52.9	209	58.5	173	50.6	223	49.9	244	45.5	234	38.2
Latino	26	40.0	46	35.7	89	30.4	97	27.2	112	32.7	152	34.0	189	35.3	252	41.2
Black	8	12.3	20	15.5	32	10.9	32	9.0	39	11.4	36	8.1	66	12.3	86	14.1
Asian	1	1.5	5	3.9	10	3.4	11	3.1	9	2.6	21	4.7	15	2.8	19	3.1
Other ²	0	0.0	0	0.0	1	0.3	0	0.0	2	0.6	1	0.2	0	0.0	0	0.0
Missing	1	1.5	4	3.1	6	2.0	8	2.2	7	2.0	14	3.1	22	4.1	21	3.4
Provider Type																
EIP/HIV care facility	15	23.1	27	20.9	41	14.0	71	19.9	51	14.9	62	13.9	67	12.5	54	8.8
STD clinic	4	6.2	17	13.2	17	5.8	12	3.4	21	6.1	10	2.2	18	3.4	59	9.6
Family Planning	0	0.0	0	0.0	1	0.3	0	0.0	0	0.0	0	0.0	1	0.2	1	0.2
Correctional facility	2	3.1	0	0.0	3	1.0	9	2.5	6	1.8	14	3.1	8	1.5	12	2.0
Public clinic	2	3.1	1	0.8	64	21.8	43	12.0	35	10.2	57	12.8	36	6.7	34	5.6
Private provider	40	61.5	82	63.6	46	15.7	34	9.5	36	10.5	45	10.1	57	10.6	85	13.9
Other provider	2	3.1	2	1.6	42	14.3	50	14.0	48	14.0	32	7.2	28	5.2	59	9.6
Unknown	0	0.0	0	0.0	79	27.0	138	38.7	145	42.4	227	50.8	321	59.9	308	50.3
	INTERVIEWED CASES ONLY															
	N=62	%	N=123	%	N=268	%	N=304	%	N=290	%	N=379	%	N=452	%	N=544	%
HIV Status³																
Positive	36	66.7	69	65.7	156	63.7	167	61.4	172	64.4	206	59.5	255	66.6	301	59.1
Negative	18	33.3	36	34.3	89	36.3	105	38.6	95	35.6	140	40.5	128	33.4	208	40.9
Unknown/Refused	8		18		23		32		23		33		69		35	
Past Drug Use⁴	11	17.7	42	34.1	62	23.1	86	28.3	64	22.1	99	26.1	75	16.6	112	20.6
Methamphetamines	6	9.7	11	8.9	23	8.6	38	12.5	39	13.4	67	17.7	41	9.1	58	10.7
Cocaine	5	8.1	4	3.3	3	1.1	9	3.0	8	2.8	6	1.6	7	1.5	17	3.1
Crack	3	4.8	2	1.6	3	1.1	2	0.7	2	0.7	4	1.1	1	0.2	2	0.4
Heroin	0	0.0	0	0.0	0	0.0	0	0.0	2	0.7	2	0.5	0	0.0	2	0.4
Ecstasy	2	3.2	1	0.8	5	1.9	3	1.0	5	1.7	5	1.3	5	1.1	6	1.1
Marijuana	6	9.7	16	13.0	29	10.8	35	11.5	16	5.5	27	7.1	27	6.0	39	7.2
Poppers	0	0.0	0	0.0	1	0.4	4	1.3	1	0.3	4	1.1	7	1.5	7	1.3
Impotence drugs	0	0.0	0	0.0	3	1.1	8	2.6	2	0.7	2	0.5	2	0.4	0	0.0
Venues Used to Meet Sex Partners⁴																
Bars/clubs	19	30.6	52	42.3	89	33.2	105	34.5	108	37.2	127	33.5	109	24.1	178	32.7
Bathhouses/Sex clubs	9	14.5	36	29.3	79	29.5	74	24.3	61	21.0	56	14.8	54	11.9	77	14.2
Internet	2	3.2	15	12.2	60	22.4	72	23.7	84	29.0	109	28.8	94	20.8	150	27.6
Adult Bookstores/Cinemas	1	1.6	1	0.8	5	1.9	3	1.0	5	1.7	6	1.6	2	0.4	2	0.4
Motels/hotels	2	3.2	4	3.3	5	1.9	4	1.3	4	1.4	5	1.3	10	2.2	13	2.4
Private/Circuit Parties	3	4.8	5	4.1	9	3.4	4	1.3	14	4.8	15	4.0	6	1.3	10	1.8
Streets	6	9.7	5	4.1	16	6.0	13	4.3	14	4.8	26	6.9	28	6.2	23	4.2
CSW or received money/drugs for sex^{4,5}	2	3.2	8	6.5	8	3.0	12	3.9	4	1.4	8	2.1	2	0.4	8	1.5
Gave money/drugs for sex⁴	1	1.6	5	4.1	12	4.5	14	4.6	7	2.4	6	1.6	8	1.8	5	0.9
Had anonymous partners⁴	40	64.5	83	67.5	196	73.1	231	76.0	212	73.1	274	72.3	224	49.6	352	64.7
Past STD infection (non-syphilis)⁶	3	4.8	6	4.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Previous syphilis infection?	8	12.9	16	13.0	27	10.1	51	16.8	50	17.2	63	16.6	87	19.2	101	18.6
Currently incarcerated	2	3.2	0	0.0	5	1.9	12	3.9	7	2.4	19	5.0	9	2.0	15	2.8
Current or past year incarceration	4	6.5	7	5.7	11	4.1	19	6.3	9	3.1	23	6.1	16	3.5	30	5.5

¹Sexual orientation determined from patient's self-reported gender of sex partners and/or information obtained from medical provider
²Other race/ethnicity includes Native Hawaiian/Pacific Islander, American Indian/Alaskan Native, Multi-race, Other minorities, and "Other"
³HIV co-infection status based on patient self-disclosure; percentages exclude unknown/refused
⁴Refers to activity in past year only
⁵CSW = commercial sex worker
⁶Past STD infection (non-syphilis) data not available for Los Angeles

Table 9c. Male Heterosexual & Female P&S Syphilis Cases, Los Angeles, California, 2000-2007

	2000		2001		2002		2003		2004		2005		2006		2007	
	N=46	%	N=37	%	N=50	%	N=67	%	N=96	%	N=136	%	N=170	%	N=158	%
Los Angeles	46	100.0	37	100.0	50	100.0	67	100.0	96	100.0	136	100.0	170	100.0	158	100.0
Sexual Orientation¹																
Male Heterosexual	28	60.9	28	75.7	31	62.0	43	64.2	61	63.5	77	56.6	105	61.8	107	67.7
Female	18	39.1	9	24.3	19	38.0	24	35.8	35	36.5	59	43.4	65	38.2	51	32.3
Age																
<20	1	2.2	3	8.1	3	6.0	4	6.0	9	9.4	7	5.1	11	6.5	7	4.4
20-24	7	15.2	4	10.8	6	12.0	9	13.4	12	12.5	13	9.6	14	8.2	17	10.8
25-29	6	13.0	4	10.8	5	10.0	7	10.4	20	20.8	20	14.7	15	8.8	20	12.7
30-34	7	15.2	7	18.9	7	14.0	10	14.9	8	8.3	22	16.2	20	11.8	25	15.8
35-39	6	13.0	7	18.9	11	22.0	12	17.9	12	12.5	20	14.7	32	18.8	17	10.8
40-44	4	8.7	3	8.1	3	6.0	11	16.4	20	20.8	23	16.9	26	15.3	19	12.0
45-49	6	13.0	8	21.6	6	12.0	7	10.4	7	7.3	15	11.0	24	14.1	25	15.8
50+	9	19.6	1	2.7	9	18.0	7	10.4	8	8.3	16	11.8	28	16.5	28	17.7
Race/Ethnicity																
White	8	17.4	5	13.5	8	16.0	9	13.4	12	12.5	16	11.8	33	19.4	27	17.1
Latino	21	45.7	20	54.1	17	34.0	32	47.8	34	35.4	49	36.0	54	31.8	62	39.2
Black	16	34.8	11	29.7	22	44.0	23	34.3	42	43.8	68	50.0	78	45.9	61	38.6
Asian	1	2.2	1	2.7	2	4.0	2	3.0	4	4.2	1	0.7	1	0.6	3	1.9
Missing	0	0.0	0	0.0	1	2.0	1	1.5	4	4.2	2	1.5	4	2.4	5	3.2
Provider Type																
EIP/HIV care facility	0	0.0	0	0.0	3	6.0	4	6.0	2	2.1	4	2.9	2	1.2	6	3.8
STD clinic	10	21.7	5	13.5	5	10.0	2	3.0	12	12.5	7	5.1	3	1.8	11	7.0
Family Planning	0	0.0	0	0.0	1	2.0	2	3.0	0	0.0	1	0.7	0	0.0	1	0.6
Correctional facility	1	2.2	2	5.4	2	4.0	2	3.0	11	11.5	12	8.8	23	13.5	20	12.7
Public clinic	3	6.5	1	2.7	6	12.0	5	7.5	5	5.2	3	2.2	2	1.2	0	0.0
Private provider	31	67.4	27	73.0	16	32.0	11	16.4	9	9.4	18	13.2	14	8.2	21	13.3
Other provider	1	2.2	2	5.4	5	10.0	7	10.4	6	6.3	6	4.4	10	5.9	9	5.7
Unknown	0	0.0	0	0.0	12	24.0	34	50.7	51	53.1	85	62.5	116	68.2	90	57.0
	INTERVIEWED CASES ONLY															
	N=43	%	N=37	%	N=49	%	N=62	%	N=87	%	N=125	%	N=141	%	N=139	%
HIV Status²																
Positive	2	4.7	0	0.0	5	10.2	7	11.3	4	4.6	8	6.4	8	5.7	12	8.6
Negative	25	58.1	24	64.9	35	71.4	49	79.0	70	80.5	88	70.4	103	73.0	105	75.5
Unknown/Refused	16		13		9		6		13		29		30		22	
Currently pregnant (females only)³	3	18.8	1	11.1	1	5.3	4	19.0	2	6.7	9	2.0	4	9.1	5	12.5
Pregnant partners (males only)⁴	0	0.0	1	3.6	0	0.0	1	2.4	1	1.8	3	4.1	7	7.2	2	2.0
Past Drug Use⁵	7	16.3	11	29.7	8	16.3	15	24.2	22	25.3	38	30.4	48	34.0	43	30.9
Methamphetamines	3	7.0	0	0.0	1	2.0	1	1.6	5	5.7	9	7.2	8	5.7	8	5.8
Cocaine	2	4.7	3	8.1	1	2.0	7	11.3	5	5.7	9	7.2	14	9.9	10	7.2
Crack	1	2.3	3	8.1	1	2.0	3	4.8	5	5.7	12	9.6	6	4.3	7	5.0
Heroin	0	0.0	1	2.7	0	0.0	0	0.0	0	0.0	1	0.8	3	2.1	2	1.4
Ecstasy	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.8	1	0.7	1	0.7
Marijuana	4	9.3	3	8.1	2	4.1	5	8.1	9	10.3	9	7.2	15	10.6	15	10.8
Poppers	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Impotence Drugs	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Venues Used to Meet Sex Partners⁵																
Bars/clubs	5	11.6	8	21.6	7	14.3	7	11.3	9	10.3	17	13.6	16	11.3	22	15.8
Bathhouses/Sex clubs	0	0.0	0	0.0	0	0.0	1	1.6	0	0.0	0	0.0	0	0.0	0	0.0
Internet	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	1.4	2	1.4
Adult Bookstores/Cinemas	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Motels/hotels	2	4.7	3	8.1	4	8.2	3	4.8	6	6.9	7	5.6	9	6.4	6	4.3
Private/Circuit Parties	1	2.3	2	5.4	2	4.1	1	1.6	1	1.1	4	3.2	1	0.7	3	2.2
Streets	4	9.3	2	5.4	6	12.2	8	12.9	16	18.4	32	25.6	37	26.2	27	19.4
CSW or received money/drugs for sex^{5,6}	10	23.3	3	8.1	3	6.1	10	16.1	8	9.2	14	11.2	23	16.3	16	11.5
Gave money/drugs for sex⁵	1	2.3	3	8.1	5	10.2	5	8.1	7	8.0	14	11.2	13	9.2	12	8.6
Had anonymous partners⁵	6	14.0	14	37.8	10	20.4	21	33.9	28	32.2	51	40.8	62	44.0	54	38.8
Past STD infection (non-syphilis)⁷	1	2.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Past syphilis infection	2	4.7	2	5.4	3	6.1	7	11.3	5	5.7	13	10.4	9	6.4	12	8.6
Currently incarcerated	1	2.3	2	5.4	3	6.1	6	9.7	17	19.5	18	14.4	24	17.0	22	15.8
Current or past year incarceration	3	7.0	3	8.1	5	10.2	9	14.5	22	25.3	26	20.8	38	27.0	28	20.1

¹Sexual orientation determined from patient's self-reported gender of sex partners and/or information obtained from medical provider

²HIV co-infection status based on patient self-disclosure; percentages exclude unknown/refused

³Percentages based on interviewed female cases only

⁴Percentages based on interviewed male heterosexual cases only

⁵Refers to activity in past year only

⁶CSW = commercial sex worker

⁷Past STD infection (non-syphilis) not available from Los Angeles