

Core Competencies and Data Collaboration for Service Integration: **California Adolescent Sexual Health Work Group STD, HIV/AIDS, and Adolescent Birth Rate Tables**

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Title X Business Meeting, Los Angeles, March 9, 2009

Overview

- ASHWG Goals and Partners
- Core Competencies
- Data Collaboration Process
- Standardized state-level tables/charts
- Challenges for regional/local-level data
- Dissemination

California Adolescent Sexual Health Work Group (ASHWG)

A standing work group of program managers from the *California Department of Public Health, California Department of Education,* and key *non-governmental organizations* committed to working more effectively to address the sexual and reproductive health of California adolescents.

Vision: Create a coordinated, collaborative, and integrated system among government and non-government organizations to promote and protect the sexual and reproductive health of youth in California.

ASHWG Goals

- 1) To increase awareness of ways to foster an integrative approach to HIV, STD, and teen pregnancy prevention**
- 2) To strengthen communication and collaboration among HIV, STD, and teen pregnancy prevention programs.**

ASHWG Membership

Governmental

California Department of Public Health

- **Maternal Child Adolescent Health**
- **Office of Family Planning**
- **Office of AIDS**
- **STD Control Branch**

California Department of Education

California Department of Alcohol & Drug Programs

California Department of Social Services

Non-Governmental

- **CA Family Health Council**
- **MCH Action**
- **CA Adolescent Health Collaborative**
- **Center for Health Training**
- **ETR Associates**
- **Gay/Straight Alliance Network**
- **Health Initiatives for Youth**
- **Internet Sexuality Information Services (ISIS)**
- **TeenNOW**
- **California School Boards Association**

Core Competencies

- Did not exist for Adolescent Health Care
- Outline the **knowledge, skills, and attitudes** required of capable adolescent service providers
- May be used in hiring, training, evaluating staff
- Optimally will ensure that programs have a shared body of knowledge and skills

Core Competencies for Providers of Adolescent Sexual and Reproductive Health Programs/Services

Domains

- A. Professional and Legal Role
- B. Adolescent Development
- C. Youth Centered Approach and Youth Culture
- D. Sexual and Reproductive Health
- E. Pregnancy, Sexually Transmitted Infections, and HIV

Sub-Domains

Each Domain is divided into two Sub-Domains

Cognitive: What a provider should know

Operative: What a provider should be able to do

Core Competencies for Adolescent and Reproductive Health

California Adolescent Sexual Health Work Group

- Core Competencies were finalized and approved in September 2008
- Available on the California Adolescent Health Collaborative website at:

http://www.californiateenhealth.org/CC_registration.php.

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Core Competencies for Providers of Adolescent Sexual and Reproductive Health Programs/Services

We are pleased to make this document available to you. We hope you find these Core Competencies useful in your work with young adults.

Please fill out the following information for our records. No information will be sold or bartered to a third party. This is strictly for our own use.

*** = required field**

*** First and Last Name**

Degree

Done

Microsoft PowerPoint - [2009_CHOW_Title X Data Collaboration.ppt]

Internet

Data collaboration and standardization process

- Adolescent age groups
 - MCAH 15-19
 - STD 10-14, 15-19
 - OA 13-29
 - Final: 10-14, 15-17, 18-19, (20-24)
- Race/ethnicity categories
 - White, African-American/Black, Hispanic/Latino, Asian/Pacific Islander, Native American/Alaska Native
- Time period: 2000-2006
- Tables by age and race
- Time trend charts by age; by race (15-19)
 - Exception: HIV/AIDS charts based on cumulative, living AIDS cases

Adolescent Birth Data - California

Adolescent Birth Rates and Cases by Mother's Age, For Female California Residents Age 10-19, 2000-2006														
Age Group	2000		2001		2002		2003		2004		2005		2006	
	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate
Age 10-14	895	0.7	809	0.6	743	0.5	710	0.5	695	0.5	756	0.5	681	0.5
Age 15-17	18,887	26.5	17,307	23.8	16,660	22.4	16,193	21.2	16,263	20.6	16,740	20.3	17,208	20.0
Age 18-19	36,486	76.8	35,659	73.5	33,541	68.5	33,137	66.5	33,474	65.5	33,277	63.9	35,562	66.3
Age 15-19	55,373	46.7	52,966	43.7	50,201	40.7	49,330	39.1	49,737	38.2	50,017	37.2	52,770	37.8
*Rate per 1,000 age-specific females														
Adolescent Birth Rates and Cases by Race/Ethnicity, For Female California Residents Age 15-19, 2000- 2006														
Race/Ethnicity	2000		2001		2002		2003		2004		2005		2006	
	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate
White (Non Hispanic)	9,871	21.6	8,989	19.2	8,375	17.5	7,947	16.3	7,340	14.8	7,028	13.9	7,118	13.9
African American (Non Hispanic)	4,841	58.0	4,354	50.1	3,913	43.7	3,890	41.9	3,872	40.2	3,819	38.4	4,143	40.8
American Indian (Non Hispanic)	316	43.5	283	37.0	276	34.8	250	30.1	245	28.3	281	31.2	271	29.3
Asian/Pacific Islander (Non Hispanic)	2,286	16.4	2,125	15.0	1,919	13.5	1,809	12.6	1,679	11.6	1,675	11.6	1,549	10.9
Hispanic	36,892	78.7	36,051	76.1	34,613	72.0	34,252	69.1	35,315	68.1	36,025	65.4	38,243	65.0
*Rate per 1,000 females age 15-19														

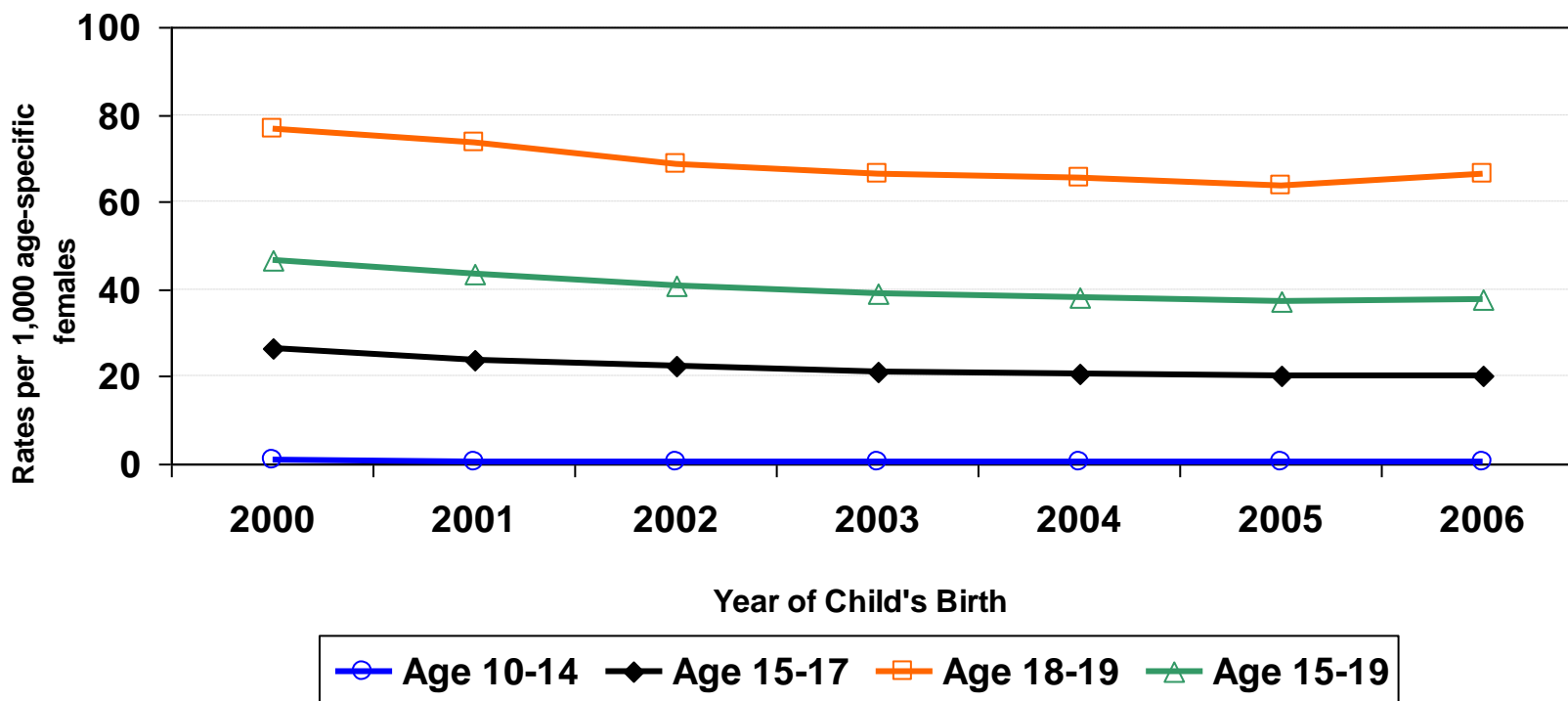
Source: [Number of births are derived from the California Birth Statistical Master File, 2000-2006.](#)

Rates are per 1,000 age-specific females. Female population projections are derived from the California Department of Finance, *Race/Ethnic Populations with Age & Sex Detail, 2000-2005*. Sacramento, CA, July 2007.

Prepared by: California Department of Public Health, Maternal, Child and Adolescent Health Program.



Adolescent Birth Rates by Mother's Age For Female California Residents Age 10-19 2000 - 2006

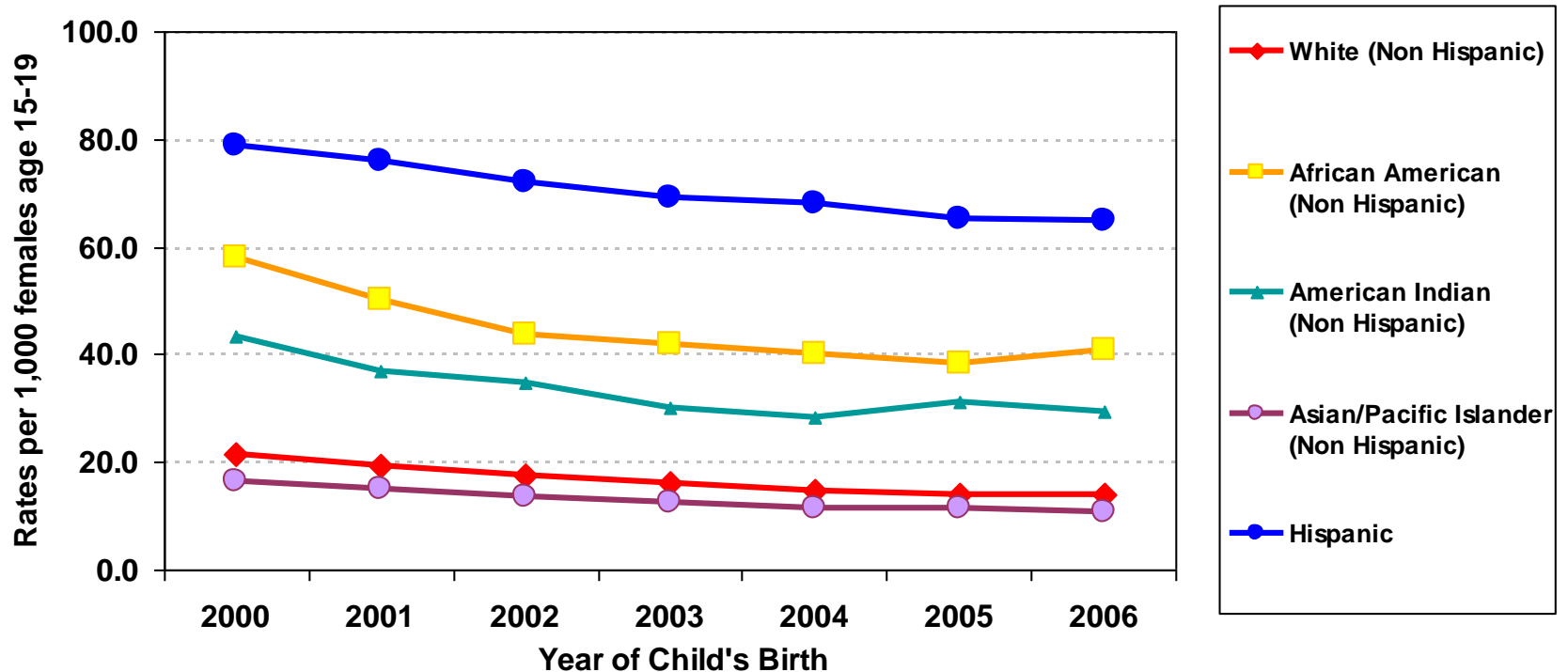


Source: [Number of births are derived from the California Birth Statistical Master File, 2000-2006.](#)

Rates are per 1,000 age-specific females. Female population projections are derived from the California Department of Finance, *Race/Ethnic Populations with Age & Sex Detail, 2000-2005*. Sacramento, CA, July 2007.

Prepared by: California Department of Public Health, Maternal, Child and Adolescent Health Program.

Adolescent Birth Rates by Race/Ethnicity For Female California Residents Age 15-19 2000 - 2006



Source: [Number of births are derived from the California Birth Statistical Master File, 2000-2006](#)

Rates are per 1,000 age-specific females. Female population projections are derived from the California Department of Finance, Race/Ethnic Population with Age & Sex Detail, 2000-2005. Sacramento, CA, July 2007.

Prepared by: California Department of Public Health, Maternal, Child and Adolescent Health Program.

Adolescent/Young Adult AIDS Data - California

Living AIDS Cases and Rates Among 10-24 Year Olds by Race/Ethnicity, Age Group and Gender, Cumulative Cases Reported Through July 31, 2007								
AGE GROUP BY RACE/ETHNICITY			FEMALE			MALE		
			Cases		Rate	Cases		Rate
White								
Ages	10 - 14		*		^	14		3.0
	15 - 17		*		^	18		5.6
	18 - 19		*		*	38		17.1
	(15 - 19)		23		4.5	56		10.3
	20 - 24		87		17.6	595		110.9
African American/Black								
Ages	10 - 14		11		^	*		^
	15 - 17		8		^	*		*
	18 - 19		18		44.4	*		*
	(15 - 19)		26		25.2	47		43.7
	20 - 24		125		141.2	321		332.5
Hispanic/Latino								
Ages	10 - 14		15		2.2	19		2.7
	15 - 17		15		3.8	36		8.7
	18 - 19		26		11.4	97		39.9
	(15 - 19)		41		6.6	133		20.2
	20 - 24		160		31.3	1,053		188.3
Other/Unknown								
Ages	10 - 14		*		^	*		^
	15 - 17		*		^	*		^
	18 - 19		*		^	*		*
	(15 - 19)		7		^	15		7.3
	20 - 24		19		9.7	96		46.8
TOTAL								
Ages	10 - 14		38		2.7	45		3.1
	15 - 17		36		4.1	71		7.7
	18 - 19		61		11.0	180		30.5
	(15 - 19)		97		6.7	251		16.6
	20 - 24		391		30.3	2,065		147.8
*Data withheld to ensure case confidentiality.								
*Rates where the Relative Standard error was above 0.3000 withheld due to statistical instability.								
Other/Unknown includes Asian/Pacific Islanders, Native Americans, Multi-Race and those with missing race/ethnicity information.								
Source: California Department of Public Health, Office of AIDS, HIV/AIDS Case Registry Section, data as of October 31, 2007.								
California Department of Finance, Race/Ethnic Population with Age & Sex Detail, 2000-2050, Sacramento, CA, July 2007.								
For more information, call the HIV/AIDS Case Registry Section at (916) 449-5866.								
Rundate: 11/07/2007, WD.								

Adolescent/Young Adult AIDS Data - California

Living AIDS Cases and Rates Among 10-24 Year Olds for MSM and Heterosexual Contact Modes of Exposure by Race/Ethnicity, Age Group and Gender. Cummulative Cases Reported Through July 31, 2007						
AGE GROUP BY RACE/ETHNICITY			FEMALE		MALE	
			Cases	Rate	Cases	Rate
White	Ages	10 - 14	0		0	
		15 - 17	*	^	9	^
		18 - 19	5	^	20	9.0
		(15 - 19)	*	^	29	5.3
		20 - 24	50	10.1	393	73.3
African American/Black	Ages	10 - 14	0		0	
		15 - 17	5	^	11	^
		18 - 19	10	^	25	58.6
		(15 - 19)	15	14.6	36	33.5
		20 - 24	70	79.1	246	254.8
Hispanic/Latino	Ages	10 - 14	0		*	^
		15 - 17	5	^	18	4.3
		18 - 19	18	7.9	71	29.2
		(15 - 19)	23	3.7	89	13.5
		20 - 24	113	22.1	793	141.8
Other/Unknown	Ages	10 - 14	0		0	
		15 - 17	*	^	0	
		18 - 19	0		7	^
		(15 - 19)	*	^	7	^
		20 - 24	9	^	77	37.5
TOTAL	Ages	10 - 14	0		*	^
		15 - 17	15	1.7	38	4.1
		18 - 19	33	5.9	123	20.8
		(15 - 19)	48	3.3	161	10.6
		20 - 24	242	18.8	1,509	108.0

*Data withheld to ensure case confidentiality.

^Rates where the Relative Standard error was above 0.3000 withheld due to statistical instability.

MSM=Men who have sex with men.

Other/Unknown includes Asian/Pacific Islanders, Native Americans, Multi-Race and those with missing race/ethnicity information.

Source: California Department of Public Health, Office of AIDS, HIV/AIDS Case Registry Section, data as of October 31, 2007.

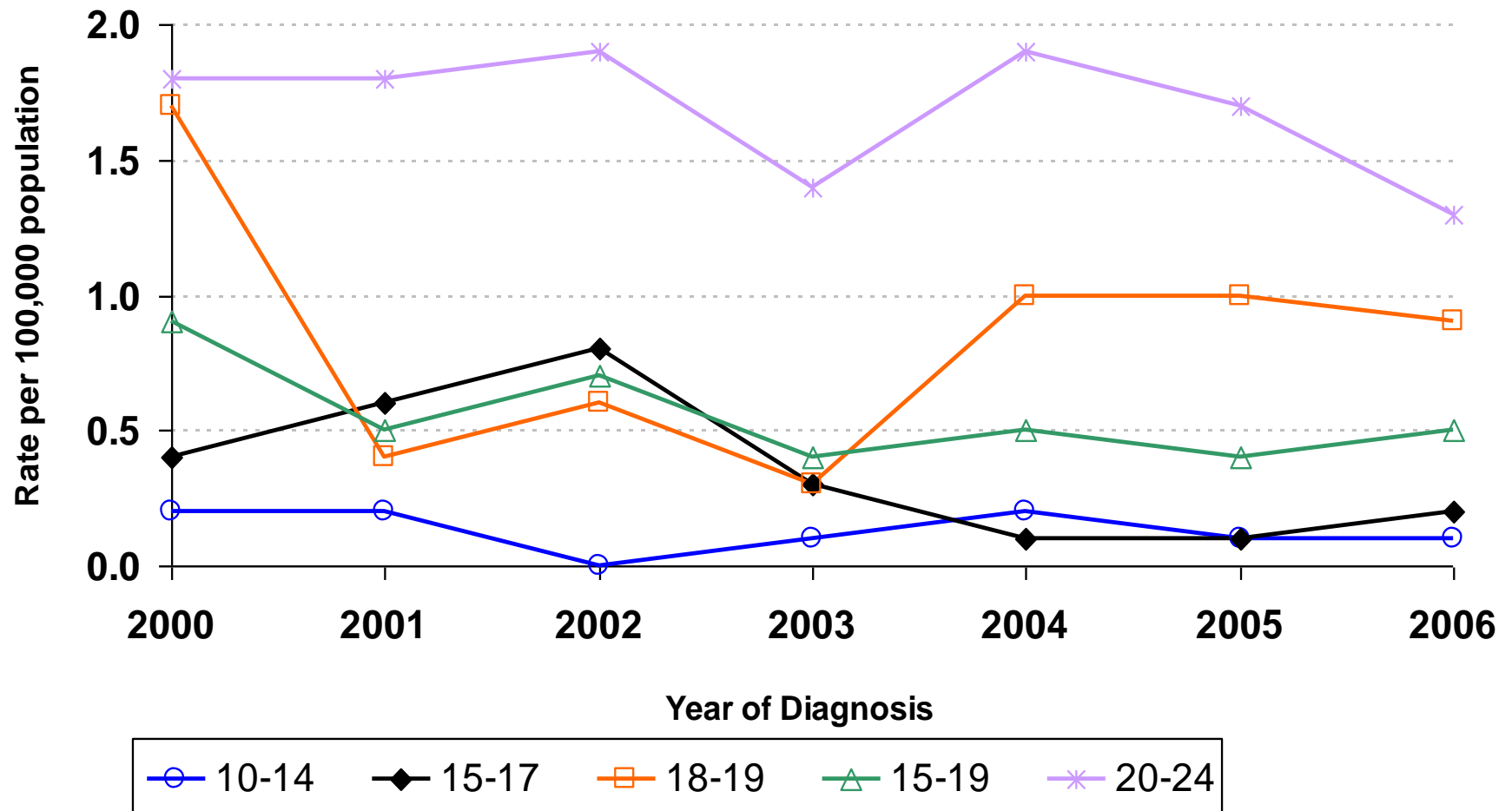
California Department of Finance, Race/Ethnic Population with Age & Sex Detail, 2000-2050, Sacramento, CA, July 2007.

For more information, call the HIV/AIDS Case Registry Section at (916) 449-5866.

Rundate: 11/07/2007, WD.

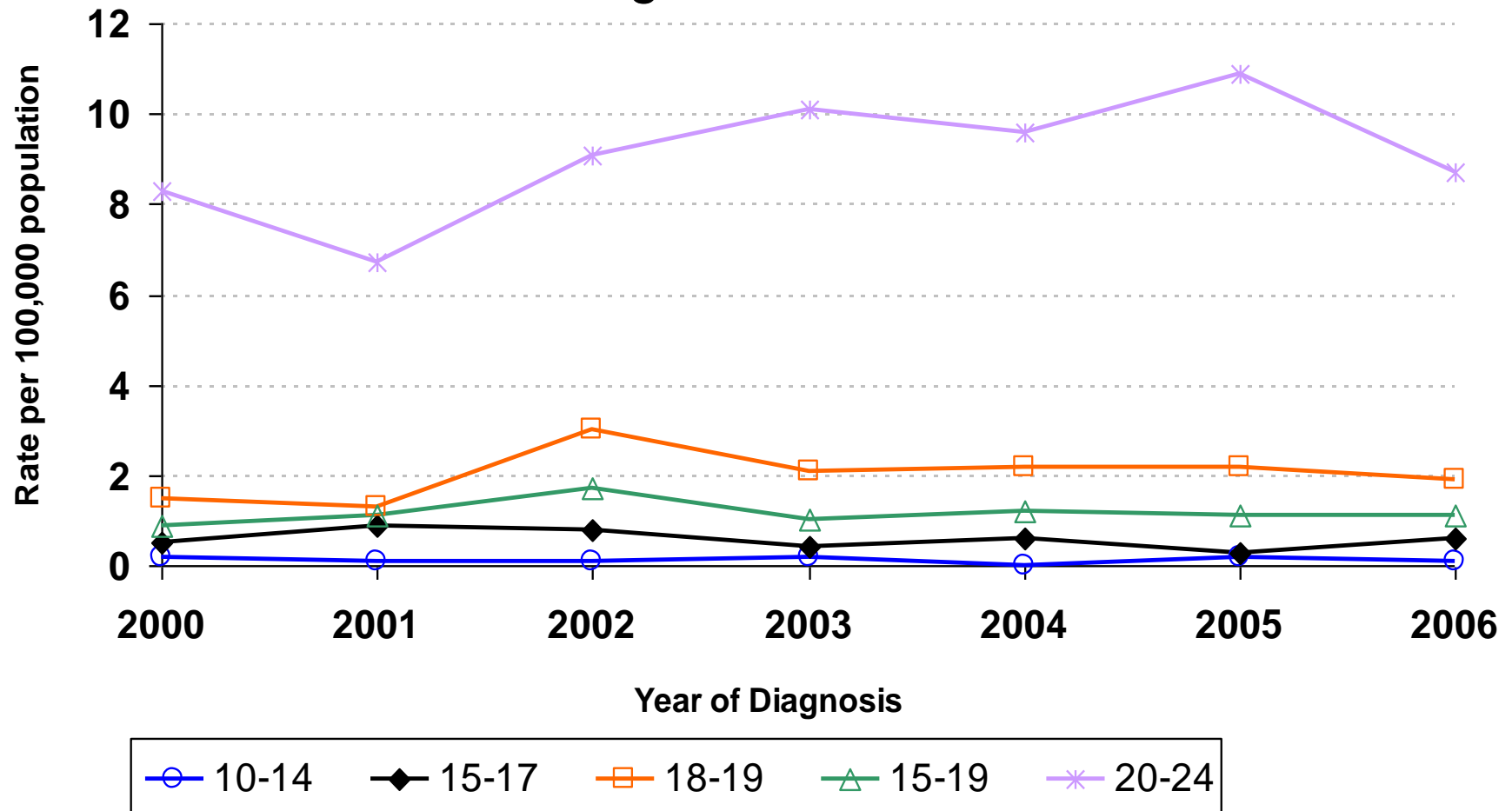
AIDS Rates Among Living California Females by Age Group and Year of Diagnosis

January 2000 through December 2006



Source: [California Department of Public Health, Office of AIDS, HIV/AIDS Case Registry Section, data as of October 31, 2007.](#)
[California Department of Finance, Race/Ethnic Population with Age & Sex Detail, 2000-2050, Sacramento, CA, July 2007.](#)
 For more information, call the HIV/AIDS Case Registry Section at (916) 449-5866.

AIDS Rates Among Living California Males by Age Group and Year of Diagnosis From January 2000 Through December 2006



Source: [California Department of Public Health, Office of AIDS, HIV/AIDS Case Registry Section, data as of October 31, 2007.](#)
[California Department of Finance, Race/Ethnic Population with Age & Sex Detail, 2000-2050, Sacramento, CA, July 2007.](#)

For more information, call the HIV/AIDS Case Registry Section at (916) 449-5866.

Adolescent STD Data: Chlamydia California

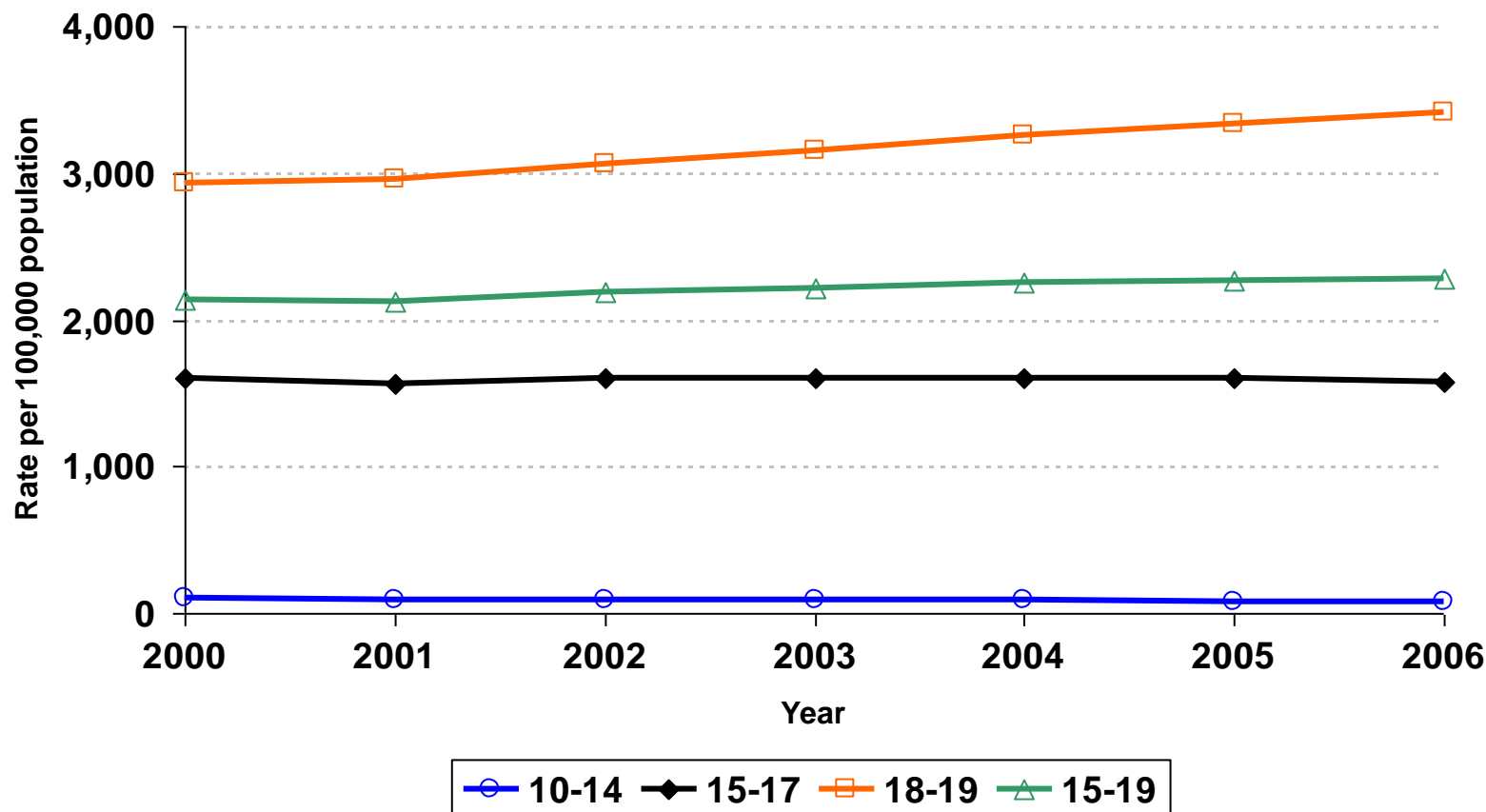
Chlamydia Rates for Adolescent Females by Age Group California, 2000–2006														
Age Group	2000		2001		2002		2003		2004		2005		2006	
	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate
10-14	1,362	107.2	1,247	94.1	1,323	96.4	1,226	87.0	1,305	91.1	1,192	83.2	1,135	80.0
15-17	11,399	1,600.9	11,386	1,567.3	11,947	1,607.5	12,269	1,605.7	12,652	1,601.4	13,175	1,597.4	13,495	1,571.7
18-19	13,937	2,934.7	14,345	2,958.8	15,010	3,063.9	15,713	3,152.1	16,644	3,259.1	17,344	3,332.7	18,288	3,408.9
15-19	25,336	2,134.5	25,731	2,124.2	26,957	2,186.1	27,982	2,216.2	29,296	2,252.3	30,519	2,268.8	31,783	2,278.2
* Rate per 100,000 population														
Chlamydia Rates by Race/Ethnicity, For Female California Residents Age 15-19, 2000- 2006														
Race/Ethnicity	2000		2001		2002		2003		2004		2005		2006	
	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate
Native American/Alaskan Native	106	1,459.1	98	1,282.7	109	1,374.4	129	1,553.7	83	960.4	111	1,232.8	116	1,253.2
Asian/Pacific Islander	758	544.0	759	537.3	880	618.8	872	607.9	878	607.6	874	606.2	880	603.4
African American/Black	4,164	4,985.0	4,120	4,745.3	4,427	4,938.9	4,821	5,193.4	5,236	5,437.6	5,945	5,973.7	6,381	6,279.3
Hispanic/Latino	7,799	1,664.0	8,268	1,744.4	8,686	1,806.1	9,116	1,838.0	9,405	1,812.5	9,973	1,811.2	10,213	1,734.7
White	3,596	788.2	3,423	729.9	3,811	795.4	4,297	880.5	4,357	875.8	4,144	819.1	4,046	789.0
* Rate per 100,000 age- and gender-specific population														
Chlamydia Rates for Adolescent Males by Age Group, California, 2000–2006														
Age Group	2000		2001		2002		2003		2004		2005		2006	
	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate
10-14	154	11.5	162	11.6	165	11.5	134	9.1	174	11.6	142	9.5	148	10.0
15-17	2,463	324.2	2,567	334.4	2,629	336.5	2,698	336.1	2,761	333.2	3,066	354.3	3,197	354.8
18-19	2,767	533.9	2,964	560.4	3,099	585.1	3,402	640.0	3,652	674.0	3,922	709.8	4,193	735.8
15-19	5,230	409.3	5,531	426.6	5,728	437.0	6,100	457.2	6,413	467.9	6,988	492.9	7,390	502.4
* Rate per 100,000 population														
Chlamydia Rates by Race/Ethnicity, For Male California Residents Age 15-19, 2000- 2006														
Race/Ethnicity	2000		2001		2002		2003		2004		2005		2006	
	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate
Native American/Alaskan Native	14	182.9	16	198.0	20	235.8	25	285.0	21	231.3	18	191.5	16	165.8
Asian/Pacific Islander	127	86.5	129	85.9	134	88.2	133	86.7	146	94.4	142	92.1	117	75.3
African American/Black	1,294	1,450.5	1,253	1,352.8	1,344	1,410.9	1,475	1,506.4	1,625	1,608.1	1,885	1,809.9	2,099	1,974.6
Hispanic/Latino	1,768	341.5	1,948	379.1	1,979	386.3	2,075	397.2	2,151	395.4	2,242	388.3	2,276	368.1
White	533	109.8	534	106.9	540	105.9	662	127.9	703	133.5	676	126.1	646	118.8
* Rate per 100,000 age- and gender-specific population														

Source: [California Department of Public Health, STD Control Branch](#)

State of California, Department of Finance, *Race/Ethnic Population with Age and Sex Detail, 2000-2050*. Sacramento, California, July 2007

Prepared by: California Department of Public Health, STD Control Branch

Chlamydia Rates for Adolescent Females by Age Group California, 2000–2006

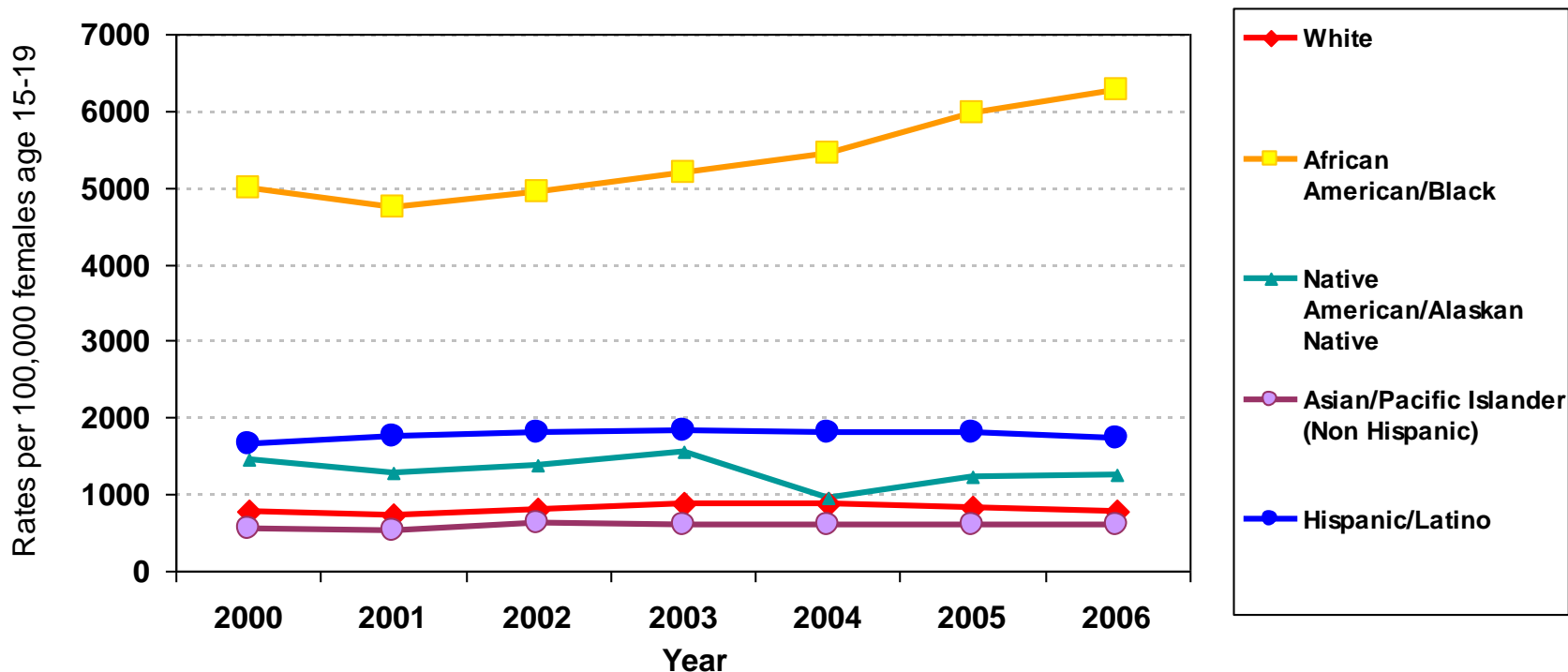


Source: [California Department of Public Health, STD Control Branch](#)

State of California, Department of Finance, *Race/Ethnic Population with Age and Sex Detail, 2000-2050*.
Sacramento, California, July 2007

Prepared by: California Department of Public Health, STD Control Branch

Chlamydia Rates by Race/Ethnicity For Female California Residents Age 15-19 2000 - 2006



Rates are per 100,000 age-specific females. Female population projections are derived from the State of California Department of Finance, Race/Ethnic Population with Age & Sex Detail, 2000-2005. Sacramento, CA, July 2007.


Prepared by: California Department of Public Health, STD Control Branch, August 2007


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Data | Overview

Use data to support responsive programs

Data are an essential tool for achieving many of the recommendations in this plan. Data can be used to raise awareness of adolescent health issues, to plan program and service delivery, and to formulate policy at the state and local levels. Although the volume of data generated through research, evaluation, and program monitoring is tremendous, there are several issues that limit the use of these data.

There is a lack of comparability in data elements collected by different agencies and programs. For example, some programs may track use of any illicit drug, whereas others may track use of several specific drugs. Inconsistencies such as this make it difficult to obtain an accurate picture of the needs of youth and the impact of programs and policies. In order to address this issue, the Department of Health Services, Maternal and Child Health Branch and the Family Health Outcomes Project at UCSF are developing the technical capacity within local Maternal, Child, and Adolescent Health programs to collect a core set of data elements for the comprehensive assessment of youth needs. Efforts such as this must be expanded to improve the consistency of data collection.

Lack of access to data on individual clients is a major obstacle to the development of effective, integrated services. Innovative efforts are needed to

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This is a Recommendation from the California Strategic Plan, 2008-2012.

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Statistics

Statistical and data tables produced by the California Department of Public Health.

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 - www.std.ca.gov
- Birth Rates
 - <http://www.cdph.ca.gov/data/statistics/Documents/VSC-2006-0201.pdf>
- HIV/AIDS
 - <http://www.cdph.ca.gov/programs/aids/Documents/HIVAIDSMergedDec08.pdf>

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- CDPH STD Control
 - Denise Gilson, Paul Gibson
- CDPH MCAH
 - Aldona Herrndorf, Lori Llewellyn, Mike Curtis
- CDPH Office of AIDS
 - Winnie Dysle, Lisette Tabshouri, Michael Donohue
- Adolescent Health Collaborative (PHI)
 - Sandi Goldstein, Liz Worthy

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