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# Teen Pregnancy in California: Past, Present & Future

Information & Education Grant Orientation  
**Office of Family Planning**  
August 18, 2011



**Claire Brindis, Dr.P.H.**  
**University of California, San Francisco**

Department of Obstetrics,  
Gynecology & Reproductive  
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# Teen Pregnancy in California

- **Where we have been**
- **Where we are now**
- **Where we are headed**



# Where we have been



You were here



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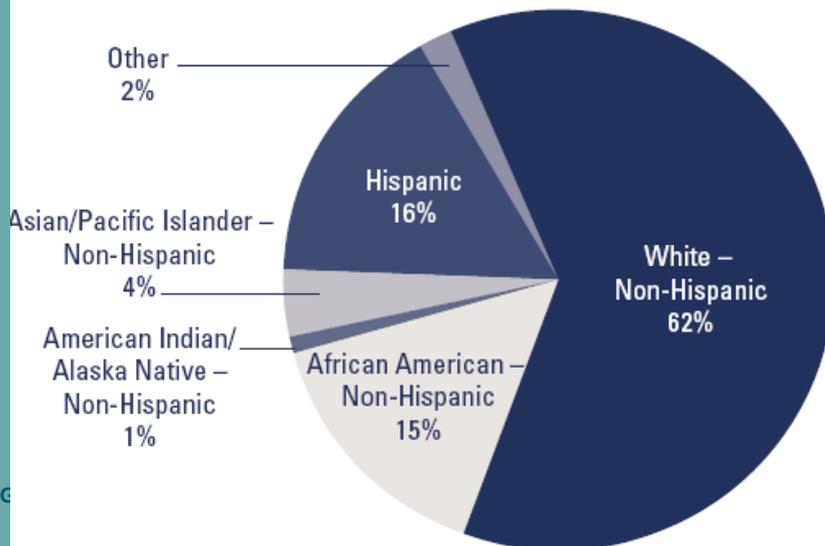
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# California's Diverse Adolescent Population

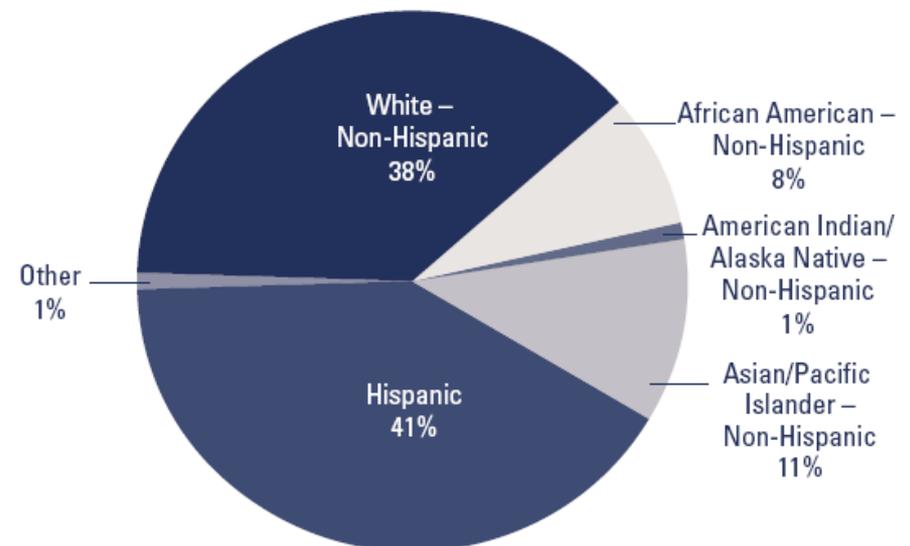
Source: Brindis et al., Health Profile of California's Adolescents: Findings from the 2001 California Health Interview Survey. Los Angeles, CA: UCLA Center for Health Policy Research, 2004.

EXHIBIT 1. ADOLESCENT POPULATION: U.S. AND CALIFORNIA, 2000

U.S. ADOLESCENTS, AGES 10-19

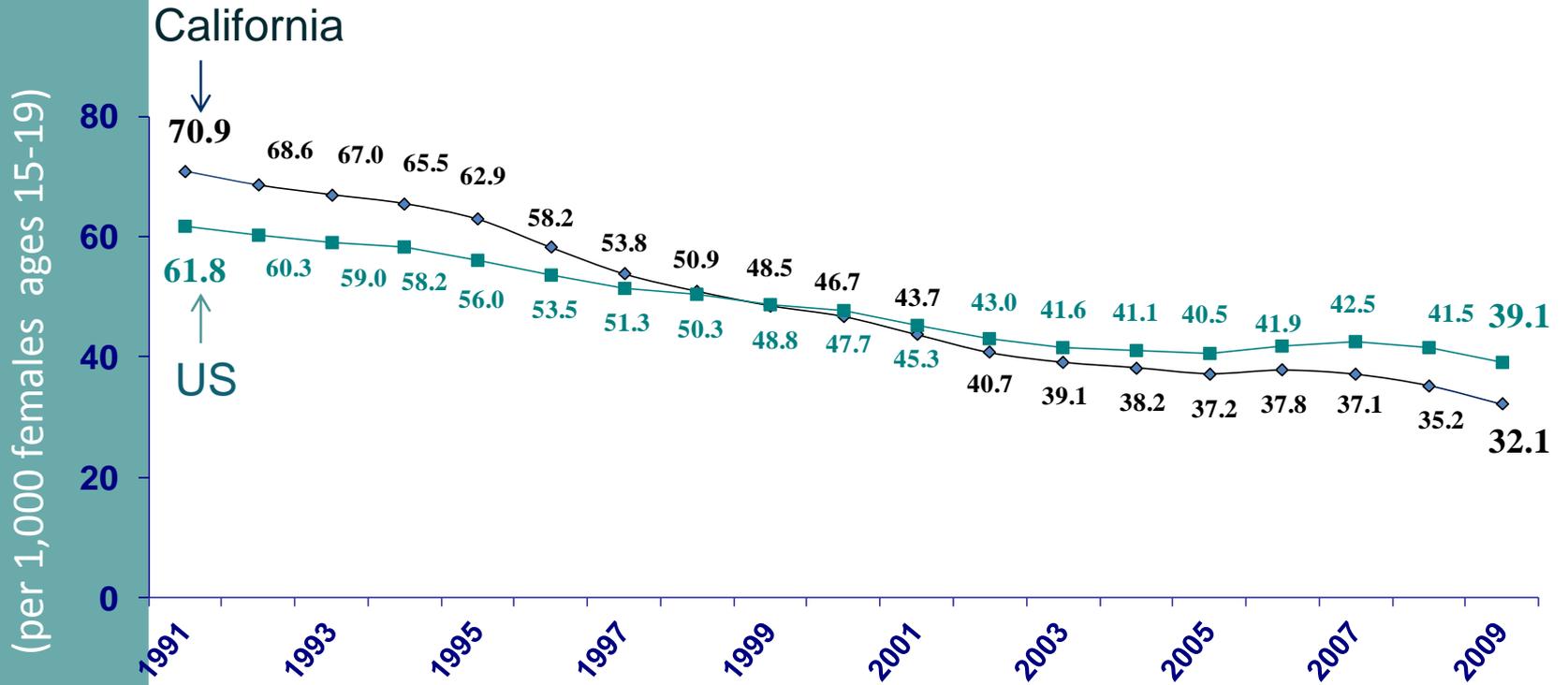


CALIFORNIA ADOLESCENTS, AGES 10-19



Source: U.S. Census Bureau, 2000

# California Teen Birth Rate 1991-2009



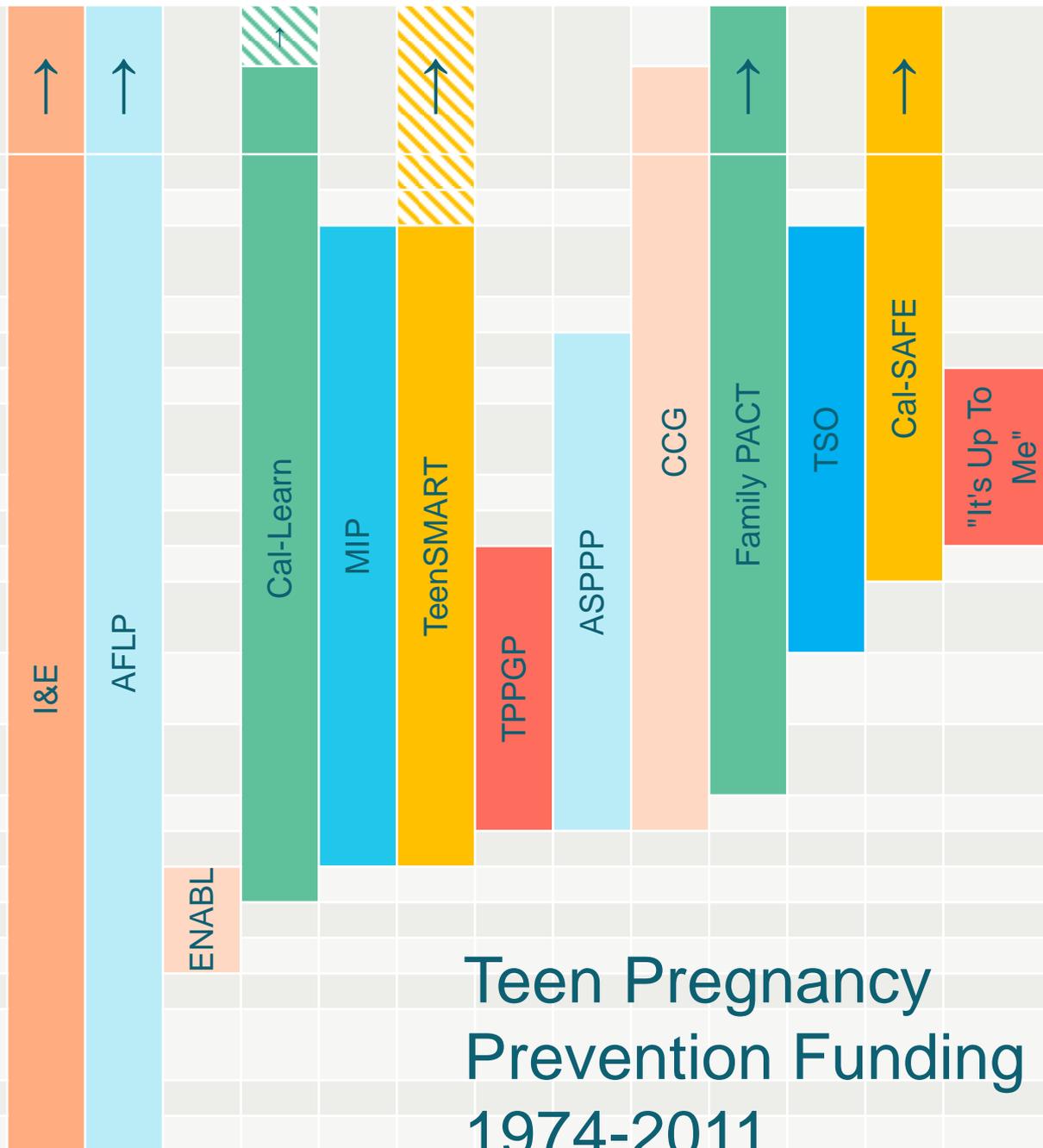
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Source: California Department of Public Health

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2011  
2010  
2005  
2000  
1995  
1990  
1985



2007: Sexual Health Education  
Accountability Act (AB629)

2003: California Comprehensive  
Sexual Health and HIV/AIDS  
Education Act (SB71)

1999: Medicaid waiver approved,  
federal funding for Family PACT

1997: California rejects federal  
abstinence-only funding

1991: HIV/AIDS prevention  
education mandated in schools

# Teen Pregnancy Prevention Funding 1974-2011

# California Innovations

- **Common ground approach -- both abstinence and greater use of contraception.**
- **Diverse and multi-pronged approach**
- **Partnerships**
  - **Foundations and public sector came together.**
    - **California Wellness Foundation, Office of Family Planning: Hot Spot Study, Media Campaign**
  - **Different sectors came together:**
    - **Legislative and Educational Sectors: Comprehensive Sexuality Education**

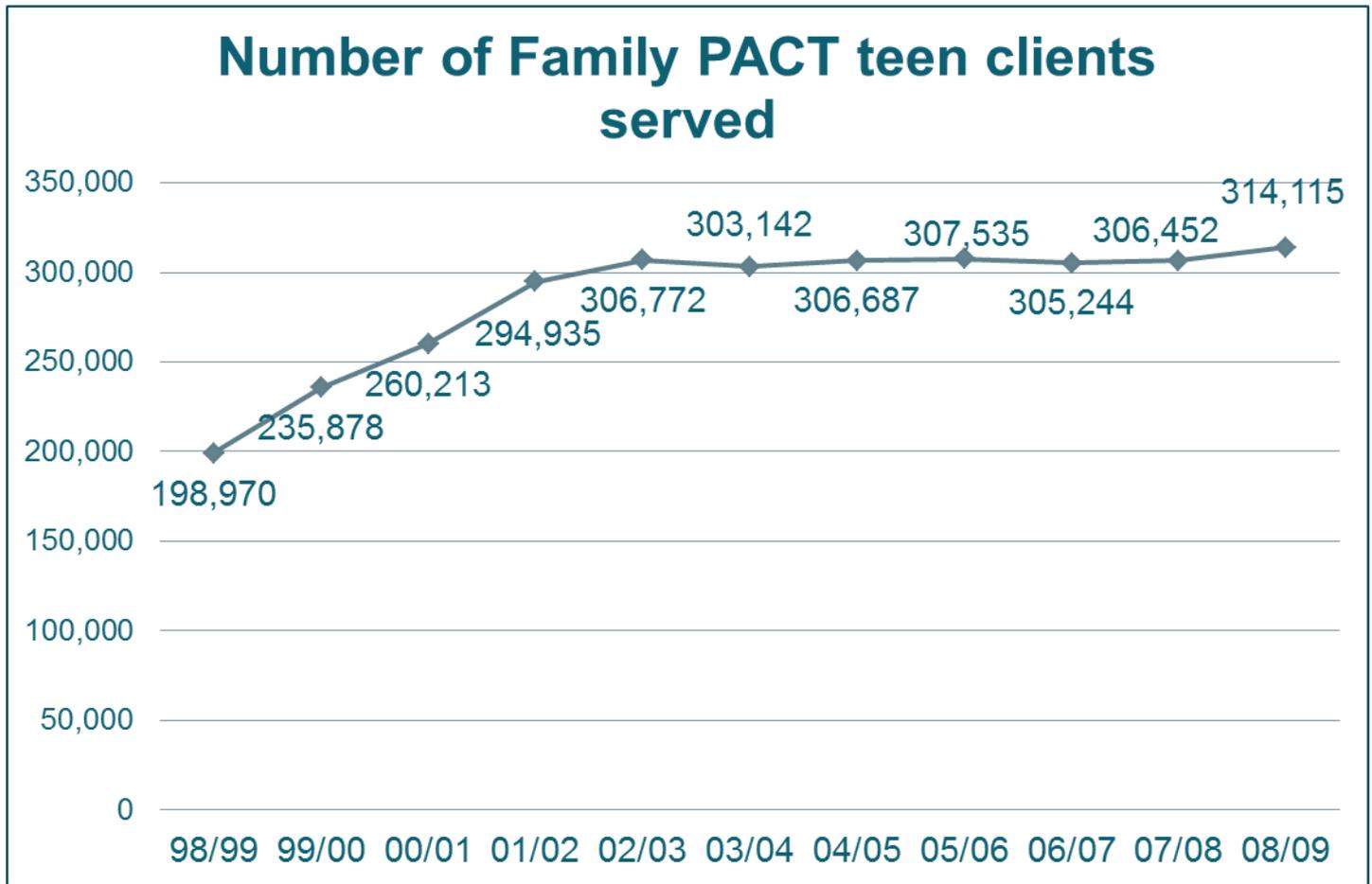


# California Policies

- **Minor Consent Laws**
- **HIV/AIDS prevention education mandated in schools (1991)**
- **Only state to turn down federal abstinence only funds (1997)**
- **Medicaid waiver approved, federal funding for Family PACT (1997), made permanent (2011)**



# Trends in Adolescent Clients Served by Family PACT



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# California Policies

- **Emergency Contraceptives available through pharmacy access (2002)**
- **SB71 California Comprehensive Sexual Health and HIV/AIDS Education Act (2003)**
- **AB629 Sexual Health Education Accountability Act (2007)**
- **OFP**
  - Clinical Linkages
  - Ongoing training for grantees
  - Ongoing quantitative & qualitative evaluation





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# Office of Family Planning Teen Pregnancy Prevention Grants

## 2005-2009

- Information & Education
- Community Challenge Grant
- Male Involvement Program
- TeenSMART Outreach



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# Information & Education (I&E)

The goal of I&E is to decrease teenage pregnancies through education programs that equip teens at high risk for pregnancy with the knowledge, understanding, and behavioral skills necessary to make responsible decisions regarding at-risk behavior.

- **1974-current**
- **\$3 million (annually 2003-2007)**
- **24-27 agencies funded annually**





# Community Challenge Grant (CCG)

**CCG's fundamental premise is that community-driven approaches to teen pregnancy increase community ownership of solutions, and that community-supported solutions are more effective. The main objectives of the program are to:**

- **Reduce the number of teenage pregnancies and teenage single parents.**
- **Promote responsible parenting.**
- **Promote the involvement of the biological father in the economic, social, and emotional support of his children.**

- **1996-2011**
- **\$250 million (1996-2011 total)**
- **117-130 agencies, 170,000 youth annually**





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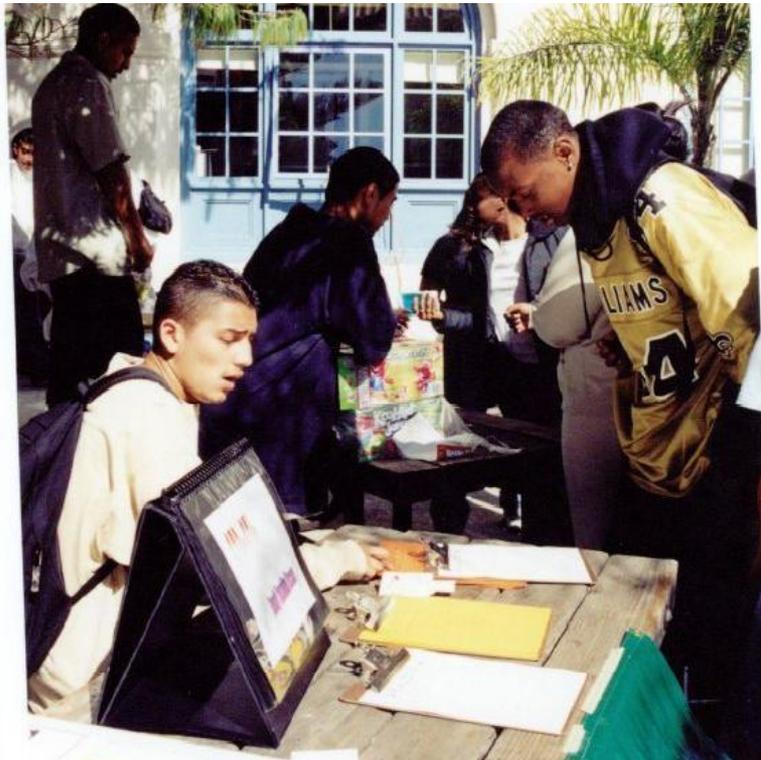
# I&E & CCG Findings

**Compared to comparison group, participants were:**

- **More likely to report talking with a parent or adult about sex within the past month**
- **More likely to agree that abstinence is a better choice for people their age**
- **More comfortable asking a partner to get tested for STD or HIV**
- **More confidence (self-efficacy) in their ability to cope with things generally**
- **More knowledge about STD/HIV prevention methods**
- **More likely to know how to use a male condom**

# I&E & CCG Findings

- **More likely to agree that it is easy to obtain birth control**
- **More likely to believe in using a condom every time they have sex**
- **More consistently used condoms during vaginal sex, for those sexually active**
- **More likely to agree they know of a doctor or clinic providing family planning services**
- **More knowledge about family planning clinic policies**
- **More likely to have a Family PACT Health Access Program (HAP) card**



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# Male Involvement Program (MIP)

- **MIP programs were directed at males 12–24 years of age.**
- **Goals were to:**
  - **Reduce teen and unintended pregnancies.**
  - **Promote the roles of males in the prevention of teen and unintended pregnancies**
  - **Increase the number of fathers who support the economic, social and emotional well-being of their children.**
  - **Promote postponing parenthood until one is able to provide for the physical, emotional, social and economic well-being of a child.**
  - **Increase community involvement in building healthy families through awareness of the effects of teen and unintended pregnancies.**
  - **Promote and support the development of self-assured, future-oriented youth capable of navigating through adolescence to responsible adulthood and contributing positively to society.**

# Male Involvement Program (MIP)

- **1995-2008**
- **\$2.3 million (2004-2008 total)**
- **22-25 grantees annually**
- **Findings**
  - **Knowledge of the risk of pregnancy at first intercourse increased**
  - **Knowledge of where to obtain birth control increased**
  - **Sexually active participants had positive feelings toward contraception**
  - **The majority believed that contraceptive use was a shared responsibility.**



# TeenSMART Outreach (TSO)

The goal of TSO was to provide community-based outreach to assist teens who are at high risk of pregnancy and STIs to access family planning services, including teens who were homeless, in foster care, victims of abuse, and/or school dropouts.

- **1999-2008**
- **\$1.6 million (2007-08)**
- **21 grantees annually**
- **Nearly 63,700 youth served in clinics, 25,000 youth served in outreach (2007-08)**



# TeenSMART Outreach (TSO)

**2006-07**

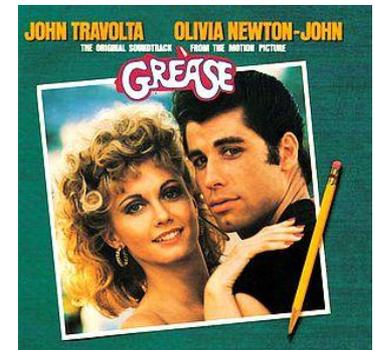
- **60,170 teen clients (aged 10–19) visited clinics and received family planning/reproductive health care.**
- **Of these clients, approximately 37% were visiting the clinic for the first time, and 63% were established clients returning for their first visit this fiscal year.**
- **65% of teen clients were seen by the six agencies based in Family PACT Waiver target counties (counties with high unmet need for services).**



# Innovative Outreach Efforts

*TSO grantees developed innovative approaches to reach teens:*

- **Events** – Grease Sing Along, movie & bowling nights
- **Street Outreach** – “guerrilla outreach,” mobile vans
- **Advertising & Promotion** – Spanish PSAs, ads on football team calendar, condom roses, prom kits
- **Collaborations** – teen parent programs, youth leadership groups
- **Web-Based Outreach** – MySpace!





MySpace.com - Operation Samahan - - Rap / R&B / Experimental - www.myspace.com/operationsamahan - Windows Internet Explorer

http://www.myspace.com/operationsamahan

File Edit View Favorites Tools Help

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United States

Profile Views:  
251

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MySpace URL:  
<http://www.myspace.com/operationsamahan>

Operation Samahan: General Info

Member Since: 5/17/2007

Band Website: [operationsamahan.org](http://operationsamahan.org)

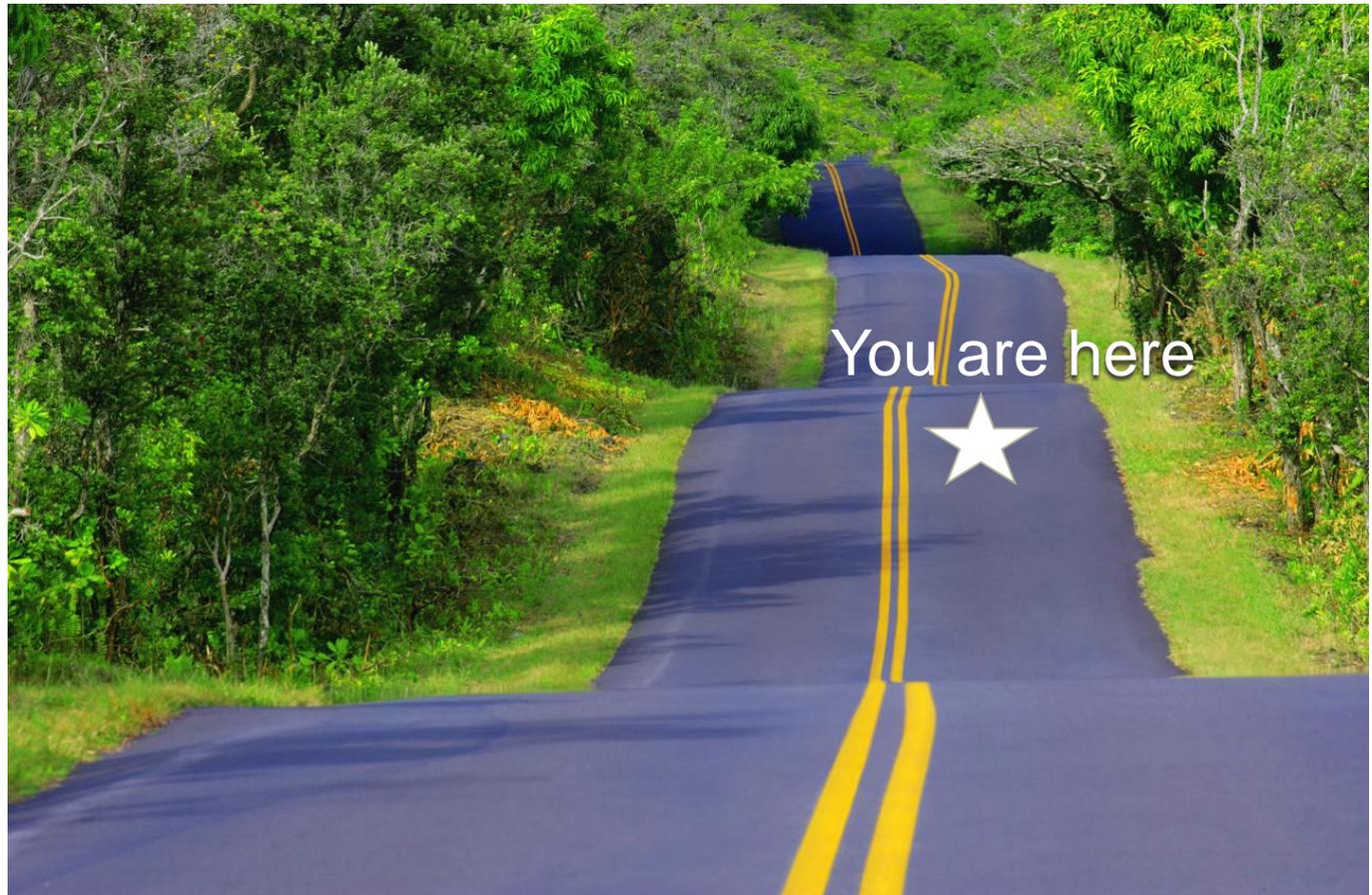
Band Members: Aside from helping patients Fill Out there Family Pact forms to be eligible for Free Clinical Services and In house Counseling.

About Operation Samahan

**WELCOME TO THE MYSFACE OF**  
**Operation Samahan Inc.**



# Where we are now



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# There is still work to be done...

*“Birth control, um, it can mess up your intestines. Like if you don’t research the thing, it’s so many harmful things that can happen afterward. **It can cut off your immune system.** And instead of helping you, it can make you more, um, open to getting diseases. Like even if you have a little bit [of] bacteria from somebody’s hand, it can just spread into a disease.*

*Like people don’t know that when they take birth control. They’re just saying, ‘Oh, I don’t want to get pregnant.’ But they didn’t research it. **It’s actually worse taking birth control than being pregnant.***

*It would be better to get pregnant than to just have birth control because birth control, it doesn’t always work and then it’s messing up your body.”*

**-African American Female, age 15**

# Funding Changes



## Decrease in State Funding

- Loss of CCG, MIP, TSO
- I&E carrying the torch!
  - 24 agencies
  - Diverse programs
  - Serving under-served populations

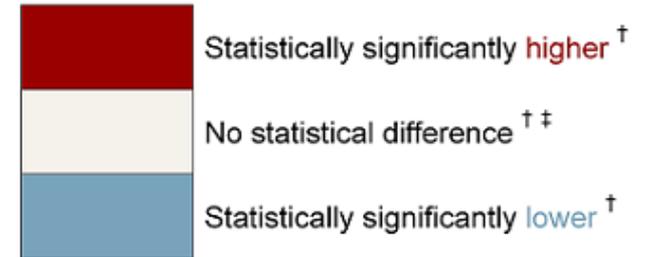


## New Federal Funding to States: Personal Responsibility Education Programs (PREP)

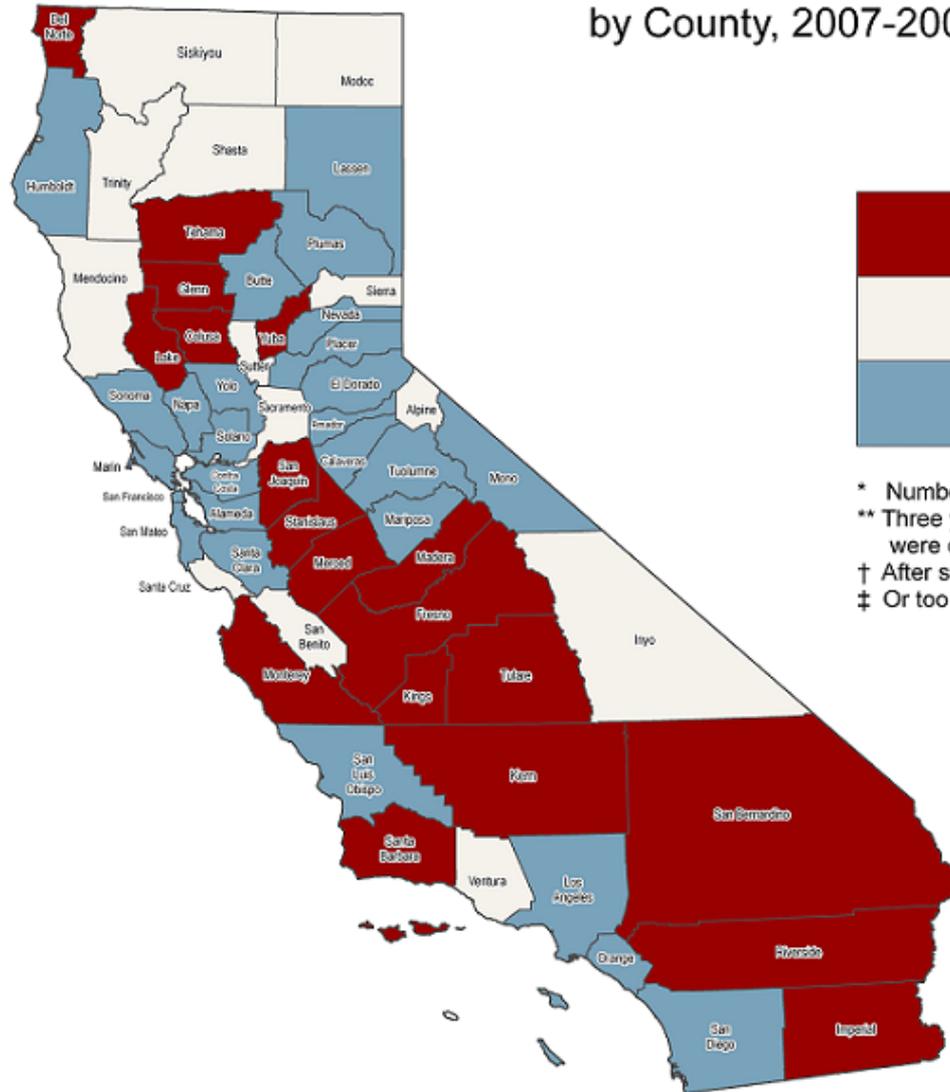
- 19 “Hot Spot” counties
- Serving under-served populations
- \$45 million nationally (\$6.5 million to CA)

# Teen Birth Rate\* by County, 2007-2009\*\*

In Comparison to California



- \* Number of births per 1,000 females ages 15-19.
- \*\* Three years of teen data (births and population counts) were combined to produce more stable rates.
- † After subtracting the county's contribution to the state rate.
- ‡ Or too few births to produce a stable rate (Alpine & Sierra).



Sources: Birth Statistical Master Files, 2007-2009, Office of Health and Information Research. Teen population: Years 2007-2009, State of California, Department of Finance: *Race/Ethnic Population with Age and Sex Detail, 2000-2050*. Sacramento, CA, July 2007. Prepared by: The Bixby Center for Global Reproductive Health, University of California, San Francisco, for California Department of Public Health, Center for Family Health, Office of Family Planning, August, 2010.

# Teen Birth

- **Two-thirds of births to women under 18 are unintended**
- **Disparities in teen birth rates (per 1,000 females 15-19):**
  - Latina 50.8
  - African American 37.0
  - Multi-ethnic 28.9
  - American Indian / Aleut / Eskimo 25.9
  - White 11.9
  - Asian 8.5

Source: CA Department of Public Health, Office of Family Planning

# STI Rates in California

Less than half of people who should be screened receive recommended STD screening\*

## 2009 STD Rates: US & California

	US**	California***
Chlamydia	1999.9	1362.8
Gonorrhea	405.4	160.9
Syphilis	4.7	2.3

Per 100,000 adolescents age 15-19

\*CDC. 2009 Sexually Transmitted Diseases Surveillance. *Trends in Sexually Transmitted Diseases in the US: 2009 National Data for Gonorrhea, Chlamydia and Syphilis* Atlanta: U.S. Department of Health and Human Services; 2010.

\*\*Centers for Disease Control and Prevention. *Sexually Transmitted Disease Surveillance 2009*. Atlanta: U.S. Department of Health and Human Services; 2010.

\*\*\* *Sexually Transmitted Diseases in California, 2009*. California Department of Public Health, STD Control Branch, November 2010.

# Underserved Populations

- **Foster Care\***
  - 13,000 foster care youth ages 16-20 in CA
  - Absence of family, social network
  - Victims of mental/physical/sexual abuse, neglect
  - High risk sexual behaviors
  - 2x teen parents as non-foster care youth
- **Juvenile Justice\*\***
  - Youth are disproportionately African American
  - More likely to test positive for STI, participate in risky sexual behavior, be substance user
  - High Chlamydia and gonorrhea rates\*\*\*



\*Constantine W, Jerman P & Constantine N 2009

\*\* Preventing HIV/AIDS Among Teens in Juvenile Justice  
[http://www.experts.scival.com/uic/grantDetail.asp?t=ep1&id=9191110&o\\_id=1&](http://www.experts.scival.com/uic/grantDetail.asp?t=ep1&id=9191110&o_id=1&)

\*\*\*CDC 2009 Sexually Transmitted Diseases Surveillance. STDs in Persons Entering Corrections Facilities

# Underserved Populations

- **Pregnant, Parenting Teens**
  - 50% of teen mothers obtain a high school diploma by age 22 vs. 90% of non-teen mothers\*
  - 1/5 of all teen mothers will have another teen birth\*\*
- **LGBTQ\*\*\***
  - Sex ed programs often do not discuss topic
  - Discrimination, safety issues
  - Attempted suicide 4x higher



\*Perper K, Peterson K, Manlove J. 2010

\*\* Schelar E, Franzetta K, and Manlove J. 2007

\*\*\*SIECUS [http://www.siecus.org/\\_data/global/images/LGBTQYouthFactSheet-SIECUS-11.05.pdf](http://www.siecus.org/_data/global/images/LGBTQYouthFactSheet-SIECUS-11.05.pdf)

# Underserved Populations

- **Youth with Disabilities\***
  - Age of sexual onset same for youth with visible, nonvisible disabilities as non-disabled youth
  - Similar marital and relationship aspirations as non-disabled youth
  - Teachers, doctors, adults may not discuss sex ed believing disabled youth are not sexually active
  - Youth with chronic conditions more likely to be sexually abused



# Underserved Populations

- **Latinos**
  - Highest teen birth rate
  - Initiate sexual activity at around the same age as their peers, but are less likely to use contraception\*
  - Generational differences: Third generation more likely to use contraceptives at first sex and consistently than second and first generation\*\*
- **Males\*\*\***
  - Less likely to use reproductive health services
  - Have sex earlier than females
  - Have more partners than females



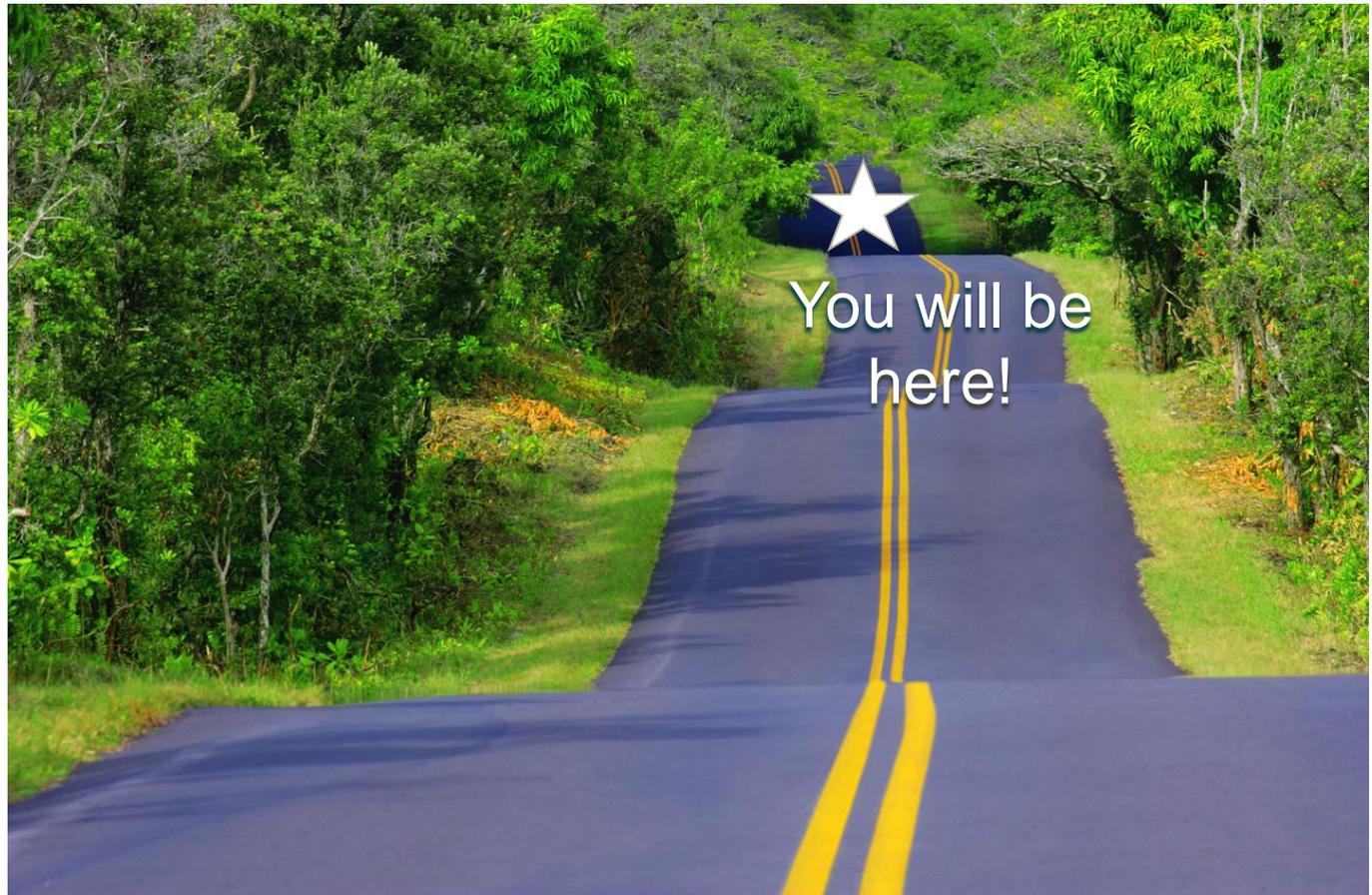
\*Martinez G, Abma J & Copen C. 2010

\*\* McDonald JA, Manlove J, Ikramullah EN, 2009

\*\*\* National Campaign to Prevent Teen and Unplanned Pregnancies

[http://www.thenationalcampaign.org/resources/pdf/SS/SS6\\_MaleTeens.pdf](http://www.thenationalcampaign.org/resources/pdf/SS/SS6_MaleTeens.pdf)

# Where we are headed

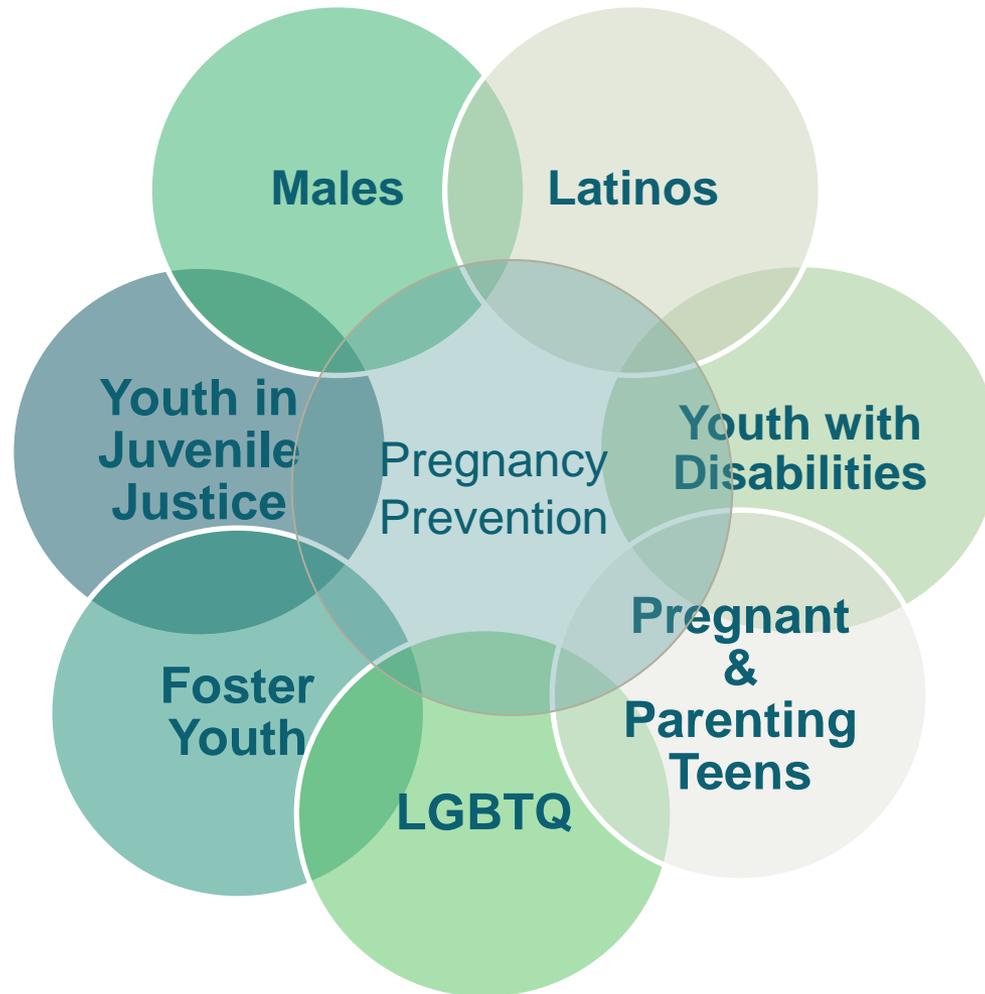


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# Reaching underserved populations



# Neighborhood Effects & Community Influences

- Physical danger
- Poverty
- Role models, peer pressure
- Ethnic composition
- Social networks & support
- Stress, fear, anxiety, despair



# Recommendations

- **Continue and expand partnerships**
  - Public/Private (Foundations, Business Sector)
  - Between sectors
- **Focus on underserved populations**
- **Continue advocacy efforts**
- **Ensure medically accurate sexuality education in all schools**
- **Strengthen clinical linkages**
- **Ensure easy, low cost access to confidential health services within upcoming health care reform and other efforts**





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# Thank you!

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This study was supported by contracts 04-35976 and 10-95452 from the State of California, Department of Public Health, Office of Family Planning. All analyses, interpretations, or conclusions reached are those of UCSF, not the State of California.

# References

## Foster Care

Public Health Institute. (2009). Sex Education and Reproductive Health needs of Foster and Transitioning Youth in Three California Counties. Oakland, CA: Constantine W, Jerman P, Constantine N.

## Juvenile Justice

Donenburg G. Preventing HIV/AIDS Among Teens in Juvenile Justice. Retrieved from [http://www.experts.scival.com/uic/grantDetail.asp?t=ep1&id=9191110&o\\_id=1&](http://www.experts.scival.com/uic/grantDetail.asp?t=ep1&id=9191110&o_id=1&)

## Pregnant/Parenting teens

Child Trends. (2010). Diploma Attainment among Teen Mothers. Fact Sheet. Washington DC: Perper K, Peterson K, Manlove J.

Child Trends. (2007). Repeat Teen Childbearing: Differences Across States and by Race and Ethnicity. Washington DC: Schelar E, Franzetta K, Manlove J.

CDC 2009 Sexually Transmitted Diseases Surveillance. STDs in Persons Entering Corrections Facilities. Retrieved from <http://www.cdc.gov/std/stats09/corrections.htm>



# References

## LGTBQ

Sexuality Information and Education Council of the United States (SIECUS) (n.d.). Lesbian, Gay, Bisexual, Transgender, and Questioning Youth Fact Sheet. Washington DC. Retrieved from [http://www.siecus.org/\\_data/global/images/LGBTQYouthFactSheet-SIECUS-11.05.pdf](http://www.siecus.org/_data/global/images/LGBTQYouthFactSheet-SIECUS-11.05.pdf)

## Youth with Disabilities

Suris JC, Resnick MD, Cassuto N, Blum R. Sexual behavior of adolescents with chronic disease and disability. *J Adolescent Health*. 1996; 19: 124-131

Blum R. Sexual Health Contraceptive Needs of Adolescents with Chronic Conditions. *Arch Pediatr Adolesc Med*. 1997; 151 (3): 290-297.

## Latinos

National Center for Health Statistics. (2010). Educating teenagers about sex in the United States. Data Brief no. 44. Hyattsville, MD: Martinez G, Abma J & Copen C. 2010

McDonald JA, Manlove J, Ikramullah EN, (2009). Immigration measures and reproductive health among Hispanic youth: findings from the national longitudinal survey of youth, 1997-2003. *J Adolescent Health*. 44 (1): 3-4.

## Males

National Campaign to Prevent Teen and Unplanned Pregnancies. Retrieved from: [http://www.thenationalcampaign.org/resources/pdf/SS/SS6\\_MaleTeens.pdf](http://www.thenationalcampaign.org/resources/pdf/SS/SS6_MaleTeens.pdf)

