



## Reproductive health data for Pennsylvania

Pennsylvania was ranked 12 out of 51 states and the District of Columbia on 2010 preliminary teen birth rates among females aged 15-19 (with 1 representing the lowest rate and 51 representing the highest rate).<sup>RH1</sup> On a similar scale – where 1 is the lowest teen *pregnancy* rate and 51 is the highest – Pennsylvania was ranked 12 out of 51 states and the District of Columbia in pregnancies to females aged 15- 19 in 2005.<sup>RH2</sup>

Preliminary birth data for 2010, by state, are limited to the first three totals shown below.

### Of all births in Pennsylvania and the U.S., percent to females aged 15-19, 2010<sup>RH1</sup>

Total	Pennsylvania	United States
Females aged 15-19	8%	9%

### Number of births to females aged 15-19, 2010<sup>RH1</sup>

Total	Pennsylvania	United States
Females aged 15-19	11,933	367,752

### Teen birth rate (births per 1,000 females aged 15–19), 2010<sup>RH1</sup>

Total	Pennsylvania	United States
Females aged 15-19	27.0	34.3

**Number of births to females under 20 years of age, 2009<sup>RH3</sup>**

Total <sup>1</sup>	Pennsylvania	United States
Females under 20 years of age	12,987	414,831
Females aged	Pennsylvania	United States
Under 15	137	5,029
15-17	3,868	124,247
18-19	8,982	285,555
15-19	12,850	409,802
Mother's race/ethnicity	Pennsylvania	United States
Non-Hispanic white	6,272	160,632
Non-Hispanic black	3,866	100,153
American Indian or Alaska Native <sup>2,3</sup>	63	8,423
Asian or Pacific Islander <sup>2,3</sup>	191	7,129
Hispanic <sup>4</sup>	2,488	138,336

<sup>1</sup> Includes all births, including those with Hispanic origin not stated and not shown below. Unknown race of mother is imputed.

<sup>2</sup> Race and Hispanic origin are reported separately on birth certificates. Persons of Hispanic origin may be of any race.

Race categories are consistent with the 1977 Office of Management and Budget (OMB) standards.

<sup>3</sup> Includes persons of Hispanic origin according to mother's reported race.

<sup>4</sup> Includes all persons of Hispanic origin of any race.

**Teen birth rate (births per 1,000 females aged 15–19), 2009<sup>RH3</sup>**

Total	Pennsylvania	United States
Females aged 15-19	29.3	39.1
Females aged	Pennsylvania	United States
15-17	15.6	20.1
18-19	47.4	66.2

**Percent change in the teen birth rate, 1991-2009, 1991-2010, 2009-2010<sup>RH1, RH3∞◇</sup>**

Total	Pennsylvania	United States
Change in rate to females aged 15-19 (1991 to 2009)	-37%	-37%
Change in rate to females aged 15-19 (1991 to 2010)	-42%	-44%
Change in rate to females aged 15-19 (2009 to 2010)	-8%	-12%

∞ The U.S. teen birth rate peaked at 61.8 per 1,000 teen females aged 15-19 in 1991.

◇ 2010 numbers used to calculate the percent change in the teen birth rate are from the Hamilton & Ventura 2012 (reference RH1) and are based on 2010 Census estimates.



**Of all births to females under 20 years of age, percent by race/ethnicity, 2009<sup>RH3</sup>**

Mother's race /ethnicity <sup>1</sup>	Pennsylvania	United States
Non-Hispanic white	48%	39%
Non-Hispanic black	30%	24%
American Indian or Alaska Native <sup>2,3</sup>	0%	2%
Asian or Pacific Islander <sup>2,3</sup>	1%	2%
Hispanic <sup>4</sup>	19%	33%

<sup>1</sup> Includes all births, including those with Hispanic origin not stated and not shown below. Unknown race of mother is imputed.

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<sup>3</sup> Includes persons of Hispanic origin according to mother's reported race.

<sup>4</sup> Includes all persons of Hispanic origin of any race.

**Percent repeat births, of all births to females under 20 years of age, 2009<sup>RH3</sup>**

Total <sup>1</sup>	Pennsylvania	United States
Females under 20 years of age	17%	19%
Mother's race/ethnicity	Pennsylvania	United States
Non-Hispanic white	14%	15%
Non-Hispanic black	18%	20%
American Indian or Alaska Native <sup>2,3</sup>	*%	21%
Asian or Pacific Islander <sup>2,3</sup>	17%	17%
Hispanic <sup>4</sup>	22%	21%

<sup>1</sup> Includes all births, including those with Hispanic origin not stated and not shown below. Unknown race of mother is imputed.

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**Of all births to females under 20 years of age, percent outside of marriage (nonmarital), 2009<sup>RH3</sup>**

Total	Pennsylvania	United States
Females under 20 years of age	94%	87%
Females aged	Pennsylvania	United States
Under 15	100%	99%
15-17	97%	94%
18-19	92%	84%
15-19	94%	87%



## Percent low birthweight<sup>§</sup> births, among females under 20 years of age, 2009<sup>RH3</sup>

Total	Pennsylvania	United States
Females under 20 years of age	10.4%	9.6%

<sup>§</sup> Low birth weight is defined as less than 2,500 grams (about 5.5 pounds).

## Teen pregnancy rate (pregnancies per 1,000 females aged 15-19), 2005<sup>RH2</sup>

Total	Pennsylvania	United States
Females aged 15-19	53	70
Females aged	Pennsylvania	United States
15-17	28	38
18-19	91	118

## Percent change in the teen pregnancy rate, 1988-2005<sup>RH2♦</sup>

Total	Pennsylvania	United States
Change in rate to females aged 15-19 (1988 to 2005)	-39%	-37%

♦ The teen pregnancy rate was 87 pregnancies per 1,000 females aged 15-19 in Pennsylvania in 1988, and 111 in the U.S. The U.S. teen pregnancy rate peaked in 1990 at 116.9 pregnancies per 1,000 females aged 15-19, but state data are not available for that year.

## Teen abortion rate (abortions per 1,000 females aged 15-19), 2005<sup>RH2</sup>

Total	Pennsylvania	United States
Females aged 15-19	15	19
Females aged	Pennsylvania	United States
15-17	8	11
18-19	25	31

## Percent change in the teen abortion rate, 1988-2005<sup>RH2♦♦</sup>

Total	Pennsylvania	United States
Change in rate to females aged 15-19 (1988 to 2005)	-56%	-56%

♦♦ The U.S. teen abortion rate peaked at 43.5 abortions per 1,000 females aged 15-19 in 1988. The teen abortion rate for Pennsylvania was 34 abortions per 1,000 females aged 15-19 in 1988.



**Sexual behaviors among high school students (grades 9-12), 2011<sup>RH4</sup>**

Percent of high school students who:	Pennsylvania	United States
Have ever had sexual intercourse		
Total	N/A%	47%
Male	N/A%	49%
Female	N/A%	46%
Had sexual intercourse for the first time before 13 years		
Total	N/A%	6%
Male	N/A%	9%
Female	N/A%	3%
Have had sexual intercourse with 4 or more persons		
Total	N/A%	15%
Male	N/A%	18%
Female	N/A%	13%
Drank alcohol or used drugs before last sexual intercourse		
Total	N/A%	22%
Male	N/A%	26%
Female	N/A%	18%

**HIV/AIDS education among high school students (grades 9-12), 2011<sup>RH4</sup>**

Percent of high school students who:	Pennsylvania	United States
Were ever taught in school about AIDS or HIV infection		
Total	N/A%	84%
Male	N/A%	84%
Female	N/A%	84%



**Birth control use among sexually active high school students (grades 9-12), 2011<sup>RH4</sup>**

Percent of high school students who:	Pennsylvania	United States
Used a condom during last sexual intercourse		
Total	N/A%	60%
Male	N/A%	67%
Female	N/A%	54%
Used birth control pills before last sexual intercourse		
Total	N/A%	18%
Male	N/A%	13%
Female	N/A%	23%
Used Depo-Provera, Nuva Ring, Implanon, or any IUD before last sexual intercourse <sup>⌘</sup>		
Total	N/A%	5%
Male	N/A%	3%
Female	N/A%	7%
Used both a condom during last sexual intercourse and birth control pills or Depo-Provera, Nuva Ring, Implanon, or any IUD before last sexual intercourse <sup>⌘</sup>		
Total	N/A%	9%
Male	N/A%	7%
Female	N/A%	12%

⌘ Exact question wording: Used Depo-Provera (or any injectable birth control), Nuva Ring (or any birth control ring), Implanon (or any implant), or any IUD before last sexual intercourse.

⌘ Exact question wording: Used both a condom during last sexual intercourse and Depo-Provera (or any injectable birth control), Nuva Ring (or any birth control ring), Implanon (or any implant), or any IUD before last sexual intercourse.

**Relationship violence and forced sex among high school students (grades 9-12), 2011<sup>RH4</sup>**

Percent of high school students who:	Pennsylvania	United States
Have been hit, slapped, or physically hurt on purpose by their boyfriend or girlfriend (during the 12 months before the survey)		
Total	N/A%	9%
Male	N/A%	9%
Female	N/A%	9%
Were ever physically forced to have sexual intercourse (when they did not want to)		
Total	N/A%	8%
Male	N/A%	4%
Female	N/A%	12%



## Data notes and data sources

All percentages (other than percent low birthweight births), have been rounded to the nearest whole number.

\* Figure does not meet standards of reliability or precision; based on fewer than 20 births in the numerator.

N/A: data do not exist on this measure for this state.

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**RH<sup>1</sup> 2010 Preliminary data for teens are from:** Hamilton BE, Ventura SJ. Birth rates for U.S. teenagers reach historic lows for all age and ethnic groups. NCHS data brief, no 89. Hyattsville, MD: National Center for Health Statistics. 2012. Retrieved May 17, 2012, from <http://www.cdc.gov/nchs/data/databriefs/db89.htm>

**2010 Preliminary data for the full population are from:** Hamilton BE, Martin JA, Ventura SJ. Births: Preliminary Data for 2010. National Vital Statistics Reports 60(2). Hyattsville, MD: National Center for Health Statistics. Retrieved June 7, 2012, from [http://www.cdc.gov/nchs/data/nvsr/nvsr60/nvsr60\\_02.pdf](http://www.cdc.gov/nchs/data/nvsr/nvsr60/nvsr60_02.pdf)

**RH<sup>2</sup> Pregnancy and abortion rate data are from:** Guttmacher Institute. (2010). *U.S. teenage pregnancies, births and abortions: National and state trends and trends by race and ethnicity*. Washington, DC: Guttmacher Institute. Retrieved January 7, 2011, from <http://www.guttmacher.org/pubs/USTPtrends.pdf>

**RH<sup>3</sup> 2009 Birth data are from:** Centers for Disease Control and Prevention. National Center for Health Statistics. VitalStats. Retrieved December, 2011 from <http://www.cdc.gov/nchs/vitalstats.htm> and

Martin, J. A., Hamilton, B. E., Ventura, S. J., Osterman, M. J. K., Kirmeyer, S., Mathews, T. J., Wilson, E. (2011). *Births: Final data for 2009*. National Vital Statistics Reports 60(1). Hyattsville, MD: National Center for Health Statistics. Retrieved February 1, 2012, from [http://www.cdc.gov/nchs/data/nvsr/nvsr60/nvsr60\\_01.pdf](http://www.cdc.gov/nchs/data/nvsr/nvsr60/nvsr60_01.pdf)

**RH<sup>4</sup> High school data are from:** Centers for Disease Control and Prevention. (2012). *1991-2011 High School Youth Risk Behavior Survey Data*. Retrieved June 7, 2012, from <http://apps.nccd.cdc.gov/youthonline>