
STATISTICAL NOTE

REPORTED PREGNANCIES AND PREGNANCY RATES IN THE DISTRICT OF COLUMBIA, 2007-2011

**Department of Health
Center for Policy, Planning, and Evaluation
State Center for Health Statistics**

**Government of the District of Columbia
Vincent C. Gray, Mayor**

**June 3, 2013
Final**



ACKNOWLEDGMENTS

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**June 3, 2013
Final**

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Reported Pregnancies and Pregnancy Rates in the District of Columbia, 2007 - 2011

Introduction

This report provides statistics on the pregnancies of District of Columbia resident women, which were reported to the Department of Health during the five-year period of 2007-2011. The pregnancy outcome categories included in this report are live births, induced abortions, and fetal deaths of at least 20 weeks gestation or weighing at least 500 grams. Fetal deaths under 20 weeks of gestation or less than 500 grams and abortions not reported to the Department of Health are not included. Abortion reporting is voluntary in the District of Columbia and the Department of Health does not receive reports on abortions performed in private physicians' offices. Abortions performed on District residents outside Washington, D.C. are included; however, demographic information on abortions performed outside Washington, D.C. on District of Columbia residents is either not available or limited during this five-year period.

Annual pregnancy rates were calculated using U.S. Census Bureau mid-year population estimates for July 2007-2009, 2011 and 2010 Census data. Prior to 1996, unknown cases in previous reports were distributed according to the reported age proportions. Age proportion distributions based on unknown or not reported cases are no longer performed in these reports. For this report SAS 9.3 for windows and ArcGIS 9.x version were used.

Pregnancies

In this report, a pregnancy can have one out of three outcomes: a live birth, a legally induced abortion, or a fetal death. Thus, the number of pregnancies is the sum of live births, legally induced abortions, and fetal deaths. Between 2007 and 2011, reported pregnancies increased by 7.1 percent and pregnancy rates decreased by 3.4 percent. The 11,291 pregnancies reported to the Department of Health in 2011 were 1.4 percent more than the 11,133 pregnancies reported in 2010 (Table 1). The pregnancy rate continued to decrease by about 0.9 percent between 2010 and 2011, from 68.6 pregnancies per 1,000 women aged 15-44 years in 2010 to 68.0 in 2011. Pregnancy rates decreased between 2010 and 2011 for women aged 15-19 years by 7.6 percent; 25-29 years by 9.7 percent; and 30-34 years by 0.8 percent. However, pregnancy rates increased for women under 15 years of age by 10.7 percent; 20-24 years by 5.6 percent; 35-39 years by 4.0 percent; and 40 years and older by 5.3 percent during the same period.

The *teenage pregnancy rate* for 2011 was 54.5 pregnancies per 1,000 women aged 15-19 years, which was higher than the teen birth rate in that year (42.8) (Tables 1 and 4). The teenage pregnancy rate decreased 7.6 percent from 2010-2011. This decrease in the 2011 teen pregnancy rate is consistent with the decrease in the reported number of births, the number of induced abortions and fetal deaths among teenagers (Table 1). During the 2007-2011 period, the teenage pregnancy was highest in 2008 (61.4), and continued to decrease since 2009. Between 2008 and 2011, the teenage pregnancy rate decreased by 11.2 percent. The pregnancy rate for teenagers aged 15-17 years declined by 14.4 percent from 49.0 in 2010 to 41.9 pregnancies per 1,000 women in 2011. Among older teenagers 18-19 years, the pregnancy rate decreased by about 5.0 percent from 66.2 in 2010 to 63.0 percent in 2011.

There were slight changes in the racial composition of women with reported pregnancies in the District. In 2011, 54.5 percent of reported pregnancies to women were black compared to 55.1 percent in 2010. Among white women, reported pregnancies increased by 5.8 percent from 27.5 percent in 2010 to 29.1 percent in 2011. Asian and Pacific Islander also reported an increase of 12.8 percent of reported pregnancies during the same period (3.9 percent in 2010 compared to 4.4 percent in 2011). However, in 2011, 7.3 percent of reported pregnancies to women were to other races, a decline of 3.9 percent from 7.6 in 2010. The number of reported pregnancies for Hispanic/Latina women also declined by 2.9 percent from 13.7 percent in 2010 to 13.3 percent in 2011 (Table 3). It is important to note that “Hispanic/Latina” is not a race category. Persons of Hispanic origin may be of any race and are, therefore, included in all racial categories (i.e., black, white, and other races).

Live Births

The number of live births to District of Columbia residents increased each year during the last five-year period, 2007-2011. The 9,289 births in 2011 were 4.7 percent more than the 8,870 births in 2007 and 1.5 percent more than the 9,156 births, which occurred in 2010 (Table 1). The fertility rate has been declining each year from 2009 going from 60.0 in 2007 per 1,000 women aged 15-44 years in 2007 to 55.9 in 2011 (Table 1 and Figure 1). Between 2010 and 2011, the fertility rates for women younger than 15 years of age increased by 77.0 percent from 1.3 in 2010 to 2.3 births per 1,000 women in 2011; for women aged 20-24 years increased by 4.9 percent 53.0 in 2010 to 55.6 in 2011; for women aged 35-39 years increased by 4.6 percent 67.8 in 2010 to 70.9 in 2011; and for women aged 40 years and older increased by 5.5 percent 21.8 in 2010 to 23.0 in 2011. In 2011, the fertility rates decreased by 5.7 percent for women aged 15-19 years, decreased by 10.9 percent for women aged 25-29 years, and decreased by 1.7 percent for women aged 30-34 years. In 2011, 9.8 percent or 908 of the live births occurred to mothers younger than 20 years of age, which was 7.5 percent fewer than the 967 births that occurred in 2010. Since 2009, there has been a declining trend of live births to mothers aged 25-29 years. Overall, mothers aged 20-29 years accounted for 40.6 percent of the 2011 births compared to 42.2 percent in 2010. Approximately 45 percent of the births were delivered to mothers aged 30-39 years and 4.8 percent to mothers aged 40 years and older in 2011.

About 53.0 percent of D.C. resident women who gave live birth in 2011 were black, 30.6 percent were white, a 6.6 percent increase from 2010, 4.5 percent were Asian/Pacific Islander, 6.6 percent were other races, and 14.6 percent were Hispanic/Latina¹ (Table 3).

Induced Abortions

The number of reported induced abortions to District of Columbia residents increased each year since 2009. The reported number of induced abortions increased by 1.7 percent between 2010 and 2011 (Table 1). The abortion rate in 2011 was 11.7 per 1,000 women aged 15-44 years. Almost 13 percent of the 1,941 abortions reported in 2011 occurred among adolescents (under 20 years of age) and 58.3 percent were performed on women in their twenties. Between 2010 and 2011, the rates for reported abortions increased among women in the age groups 20-24 years, 30-34 years, and 35-39 years. The abortion rates increased by 7.1 percent for women aged 20-24 years, increased by 5.7 percent for women 30-34 years, and increased by 1.3 percent for women 35-39 years old. The abortion rates decreased by about 47.0 percent among women younger than 15 years and 13.7 percent for women aged 15-19 years of age (Table 1). For women aged 40 years and older the rate remained unchanged.

In 2011, 62 percent of reported induced abortions were to black women, 22.3 percent were to white women, 4.1 percent were to Asian and Pacific Islanders, 10.8 percent were to women of other races, and 7.3 percent were to Hispanic/Latina¹ women.

Fetal Deaths

The number of fetal deaths continued to decline in 2011, a trend observed since 2009. There were 61 reported fetal deaths of at least 20 weeks of gestation or weighing at least 500 grams in 2011, which were 10.3 percent fewer than the 68 reported fetal deaths in 2010 and were 31.5 percent fewer than the 89 deaths reported in 2007 (Table 1). During this reporting period, 2008 (93) had the highest number of fetal deaths. Thirty-nine percent of the reported fetal deaths in 2011 occurred among women in their twenties and 41 percent to women in their thirties.

Seventy-five percent of reported fetal deaths in 2011 were to black women compared to 63.2 percent in 2010, an increase of more than 19.0 percent. Fetal deaths among white women accounted 11.5 percent in 2011, a decrease of 21.8 percent from 14.7 percent in 2010. Hispanic/Latina women experienced 6.6 percent fetal deaths in 2011, which was a 36.0 percent decrease from 10.3 percent in 2010 (Table 3).

¹ “Hispanic/Latina” is not a race category. Persons of Hispanic origin may be of any race. Therefore, each race category contains persons of both Hispanic and non-Hispanic origin.

Summary

In 2011, 82.3 percent of the reported pregnancies ended in live births, 17.2 percent ended in induced abortions, and 0.5 percent ended in fetal deaths of at least 20 weeks of gestation or weighing at least 500 grams (Table 2). Figure 2A depicts the percentage of reported pregnancies ending as a live birth over the five-year period. It shows a slight increase in the percentage of reported pregnancies ending as a live birth to women under 20 years of age in 2011. Figure 2B depicts the percentage of pregnancies ending as an induced abortion over the five-year period. This shows a decrease in the percentage of women younger than 20 years with pregnancies ending in abortion from 2010 to 2011. The proportion of reported pregnancies that ended in a live birth varied from 74.4 percent for women younger than 15 years of age to 89.8 percent for women aged 35-39 years (Figure 3). Figure 4 shows the spatial distribution of teen births by ward. The highest numbers of teen births were shown in Wards 4, 5, 7, and 8. The lowest numbers of teen births are shown in Wards 2 and 3, where Ward 3 had none.

Table 1. Number of Reported Pregnancies and Pregnancy Rates by Outcome of Pregnancy and Age of Women: District of Columbia, 2007-2011/¹

Age of Women	Reported Pregnancies					Live Births					Induced Abortions / ²					Fetal Deaths / ³				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Total	10,546	10,630	10,889	11,133	11,291	8,870	9,134	9,008	9,156	9,289	1,587	1,403	1,806	1,909	1,941	89	93	75	68	61
Under 15 years	34	39	40	35	39	24	32	26	16	29	8	7	14	19	10	2	0	0	0	0
15-19 years	1,238	1,306	1,281	1,238	1,119	1,051	1,082	1,031	951	879	178	208	240	275	232	9	16	10	12	8
20-24 years	2,387	2,354	2,442	2,477	2,518	1,898	1,912	1,832	1,870	1,890	464	414	594	593	612	25	28	16	14	16
25-29 years	2,430	2,450	2,539	2,514	2,410	1,961	2,049	2,037	1,994	1,883	447	385	483	507	519	22	16	19	13	8
30-34 years	2,351	2,455	2,532	2,780	2,985	2,059	2,217	2,233	2,462	2,622	282	221	288	302	345	10	17	11	16	18
35-39 years	1,663	1,601	1,617	1,631	1,719	1,490	1,473	1,469	1,457	1,544	160	118	137	163	168	13	10	11	11	7
40 years and older	408	418	434	456	496	354	364	377	405	442	47	50	50	49	50	7	4	7	2	4
Not Reported	35	7	4	2	5	33	5	3	1	0	1	0	0	1	5	1	2	1	0	0
Rate per 1,000 women																				
Total /⁴	70.4	71.4	72.2	68.6	68.0	60.0	61.4	59.7	56.4	55.9	10.7	9.4	12.0	11.8	11.7	0.6	0.6	0.5	0.4	0.4
Under 15 years /⁵	2.3	2.9	3.0	2.8	3.1	1.7	2.3	1.9	1.3	2.3	0.6	0.5	1.0	1.5	0.8	0.1	0.0	0.0	0.0	0.0
15-19 years	58.6	61.4	59.1	59.0	54.5	49.8	50.9	47.6	45.4	42.8	8.4	9.8	11.1	13.1	11.3	0.4	0.8	0.5	0.6	0.4
20-24 years	83.4	80.9	89.8	70.2	74.1	66.3	65.7	67.4	53.0	55.6	16.2	14.2	21.9	16.8	18.0	0.9	1.0	0.6	0.4	0.5
25-29 years	79.7	77.8	78.7	67.1	60.6	64.3	65.1	63.2	53.2	47.4	14.7	12.2	15.0	13.5	13.1	0.8	0.5	0.6	0.3	0.2
30-34 years	93.9	99.0	94.5	97.6	96.8	82.3	89.4	83.3	86.5	85.0	11.3	8.9	10.7	10.6	11.2	0.4	0.7	0.4	0.6	0.6
35-39 years	75.1	72.7	70.1	75.9	78.9	67.3	66.9	63.7	67.8	70.9	7.2	5.4	5.9	7.6	7.7	0.6	0.5	0.5	0.5	0.3
40 years and older /⁶	20.0	20.8	21.9	24.5	25.8	17.4	18.1	19.0	21.8	23.0	2.3	2.5	2.5	2.6	2.6	0.3	0.2	0.4	0.1	0.2

1 / Rates were calculated using Bureau of the Census July 2007 - July 2009, July 2011 population estimates and 2010 Census population.

2 / Abortion reporting is voluntary in the District of Columbia. Only abortions performed in D.C. and reported to the D. C. Department of Health (including out-of-state abortions to D.C. residents) are included in this table.

3 / Includes only fetal deaths of at least 20 weeks gestation or weight at least 500 grams.

4 / Computed by relating the number of events to women of all ages to women aged 15-44 years.

5 / Computed by relating the number of events to women under 15 years to women aged 10-14 years.

6 / Computed by relating the number of events to women aged 40 years and over to women aged 40-44 years.

Source: Data management and Analysis Division, Center for Policy, Planning, and Evaluation, DC Department of Health.

Table 2. Percent of Reported Pregnancies Ending as a Live Birth, Induced Abortion, or Fetal Death by Age of Women: District of Columbia, 2007-2011

Age of Women	Live Births					Induced Abortions / ¹					Fetal Deaths / ²				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Total	84.1	85.9	82.7	82.2	82.3	15.0	13.2	16.6	17.1	17.2	0.8	0.9	0.7	0.6	0.5
Under 15 years	70.6	82.1	65.0	45.7	74.4	23.5	17.9	35.0	54.3	25.6	5.9	0.0	0.0	0.0	0.0
15-19 years	84.9	82.9	80.5	76.6	78.6	14.4	15.9	18.7	22.2	20.7	0.7	1.2	0.8	1.0	0.7
20-24 years	79.5	81.2	75.0	75.4	75.1	19.4	17.6	24.3	23.9	24.3	1.0	1.2	0.7	0.6	0.6
25-29 years	80.7	83.6	80.2	79.2	78.1	18.4	15.7	19.0	20.2	21.5	0.9	0.7	0.7	0.5	0.3
30-34 years	87.6	90.3	88.2	88.6	87.8	12.0	9.0	11.4	10.9	11.6	0.4	0.7	0.4	0.6	0.6
35-39 years	89.6	92.0	90.8	89.3	89.8	9.6	7.4	8.5	10.0	9.8	0.8	0.6	0.7	0.7	0.4
40 years and older	86.8	87.1	86.9	88.8	89.1	11.5	12.0	11.5	10.7	10.1	1.7	1.0	1.6	0.4	0.8

¹ / Abortion reporting is voluntary in the District of Columbia. Only abortions performed in D.C. and reported to the D. C. Department of Health (including out-of-state abortions to D.C. residents) are included in this table.

² / Includes only fetal deaths of at least 20 weeks gestation or at least 500 grams.

Source: Data management and Analysis Division, Center for Policy, Planning, and Evaluation, DC Department of Health.

Table 3. Number of Reported Pregnancies, Live Births, Induced Abortions, and Fetal Deaths by Race/Ethnicity of Women: District of Columbia, 2007-2011

Race/Ethnicity of Women	Reported Pregnancies					Live Births					Induced Abortions / ¹					Fetal Deaths / ²				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Total	10,546	10,630	10,889	11,133	11,291	8,870	9,134	9,008	9,156	9,289	1,587	1,403	1,806	1,909	1,941	89	93	75	68	61
Black	5,830	5,947	5,965	6,129	6,153	4,926	5,031	4,847	4,940	4,903	839	845	1,069	1,146	1,204	65	71	49	43	46
(Percent)	(55.3)	(55.9)	(54.8)	(55.1)	(54.5)	(55.5)	(55.1)	(53.8)	(54.0)	(52.8)	(52.9)	(60.2)	(59.2)	(60.0)	(62.0)	(73.0)	(76.3)	(65.3)	(63.2)	(75.4)
White	2,763	2,819	3,094	3,067	3,283	2,370	2,494	2,655	2,632	2,843	376	314	428	425	433	17	11	11	10	7
(Percent)	(26.2)	(26.5)	(28.4)	(27.5)	(29.1)	(26.7)	(27.3)	(29.5)	(28.7)	(30.6)	(23.7)	(22.4)	(23.7)	(22.3)	(22.3)	(19.1)	(11.8)	(14.7)	(14.7)	(11.5)
API	294	273	356	430	502	212	220	298	365	420	82	53	58	63	80	0	0	0	2	2
(Percent)	(2.8)	(2.6)	(3.3)	(3.9)	(4.4)	(2.4)	(2.4)	(3.3)	(4.0)	(4.5)	(5.2)	(3.8)	(3.2)	(3.3)	(4.1)	(0.0)	(0.0)	(0.0)	(2.9)	(3.3)
Other	1,594	1,533	1,130	843	825	1,333	1,349	904	622	612	261	183	222	221	209	0	1	4	0	4
(Percent)	(15.1)	(14.4)	(10.4)	(7.6)	(7.3)	(15.0)	(14.8)	(10.0)	(6.8)	(6.6)	(16.4)	(13.0)	(12.3)	(11.6)	(10.8)	(0.0)	(1.1)	(5.3)	(0.0)	(6.6)
Not Reported+	65	58	344	664	528	29	44	304	597	511	29	8	29	54	15	7	10	11	13	2
(Percent)	(0.6)	(0.5)	(3.2)	(6.0)	(4.7)	(0.3)	(0.4)	(3.4)	(6.5)	(5.5)	(1.8)	(0.6)	(1.6)	(2.8)	(0.8)	(7.9)	(10.8)	(14.7)	(19.1)	(3.3)
Ethnicity																				
Total	10,546	10,630	10,889	11,133	11,291	8,870	9,134	9,008	9,156	9,289	1,587	1,403	1,806	1,909	1,941	89	93	75	68	61
Hispanic/Latina/ ³	1,655	1,674	1,674	1,527	1,503	1,487	1,527	1,498	1,351	1,358	164	141	170	169	141	4	6	6	7	4
(Percent)	(15.7)	(15.7)	(15.4)	(13.7)	(13.3)	(16.8)	(16.7)	(16.6)	(14.8)	(14.6)	(10.3)	(10.0)	(9.4)	(8.9)	(7.3)	(4.5)	(6.5)	(8.0)	(10.3)	(6.6)
Not Hispanic/Latina	8,851	8,926	8,971	9,497	9,666	7,383	7,596	7,305	7,721	7,828	1,389	1,257	1,617	1,721	1,781	79	73	49	55	57
(Percent)	(83.9)	(84.0)	(82.4)	(85.3)	(85.6)	(83.2)	(83.2)	(81.1)	(84.3)	(84.3)	(87.5)	(89.6)	(89.5)	(90.2)	(91.8)	(88.8)	(78.5)	(65.3)	(80.9)	(93.4)
Not Reported+	40	30	244	109	122	0	11	205	84	103	34	5	19	19	19	6	14	20	6	0
(Percent)	(0.4)	(0.3)	(2.2)	(1.0)	(1.1)	(0.0)	(0.1)	(2.3)	(0.9)	(1.1)	(2.1)	(0.4)	(1.1)	(1.0)	(1.0)	(6.7)	(15.1)	(26.7)	(8.8)	(0.0)

1 / Abortion reporting is voluntary in the District of Columbia. Only abortions performed in D.C. and reported to the D. C. Department of Health (including out-of-state abortions to D.C. residents) are included in this table.

2 / Includes only fetal deaths of at least 20 weeks gestation or at least 500 grams.

3 / Persons of Hispanic origin may be of any race. Therefore, each race category contains persons of both Hispanic and non-Hispanic origin.

+ Facility did not report data by race/ethnicity.

Source: Data management and Analysis Division, Center for Policy, Planning, and Evaluation, DC Department of Health.

Table 4. Number of Reported Pregnancies by Outcome and Age-Specific Rates for Teenagers Aged 15-19 Years by Age: District of Columbia, 2007-2011

Age of Teenagers	Live Births / ²					Induced Abortions / ³					Fetal Deaths / ⁴				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Total (15-19 years)	1,051	1,082	1,032	951	879	178	208	240	275	232	9	16	10	12	8
15 years	70	70	46	41	35	14	15	18	23	17	0	2	1	1	1
16 years	124	121	115	104	73	21	32	21	44	18	2	2	2	2	0
17 years	199	197	203	159	172	34	38	45	41	32	6	2	2	0	1
(15-17 years)	(393)	(388)	(364)	(304)	(280)	(69)	(85)	(84)	(108)	(67)	(8)	(6)	(5)	(3)	(2)
18 years	296	321	306	282	240	52	62	66	58	63	0	6	4	4	4
19 years	362	373	362	365	359	57	61	90	109	102	1	4	1	5	2
(18-19 years)	(658)	(694)	(668)	(647)	(599)	(109)	(123)	(156)	(167)	(165)	(1)	(10)	(10)	(9)	(6)
Rates per 1,000 Women															
Total (15-19 years) / ⁵	49.8	50.8	47.6	45.4	42.8	8.4	9.8	11.1	13.1	11.3	0.4	0.8	0.5	0.6	0.4
15 years	24.2	24.0	15.5	15.2	13.2	4.8	5.2	6.1	8.5	6.4	0	0.7	0.3	0.4	0.4
16 years	41.6	40.3	37.6	37.0	26.5	7.0	10.7	6.9	15.6	6.5	0.7	0.7	0.7	0.7	0.0
17 years	63.3	62.1	62.8	53.3	58.9	10.8	12.0	13.9	13.7	11.0	1.9	0.6	0.6	0.0	0.3
(15-17 years)	(43.6)	(42.8)	(39.3)	(35.8)	(33.7)	(7.7)	(9.4)	(9.1)	(12.7)	(8.1)	(0.9)	(0.7)	(0.5)	(0.4)	(0.2)
18 years	57.0	61.3	57.4	53.5	46.5	10.0	11.8	12.4	11.0	12.2	0	1.1	0.8	0.8	0.8
19 years	52.4	53.5	51.0	50.7	50.9	8.2	8.8	12.7	15.1	14.5	0.1	0.6	0.1	0.7	0.3
(18-19 years)	(54.4)	(56.9)	(53.8)	(51.9)	(49.1)	(9.0)	(10.1)	(12.6)	(13.4)	(13.5)	(0.1)	(0.8)	(0.4)	(0.7)	(0.5)

1 / Rates were calculated using Bureau of the Census July 2007-2009, July 2011 population estimates and 2010 Census population.

2 / Age-specific fertility rate per 1,000 women in each age/age group category.

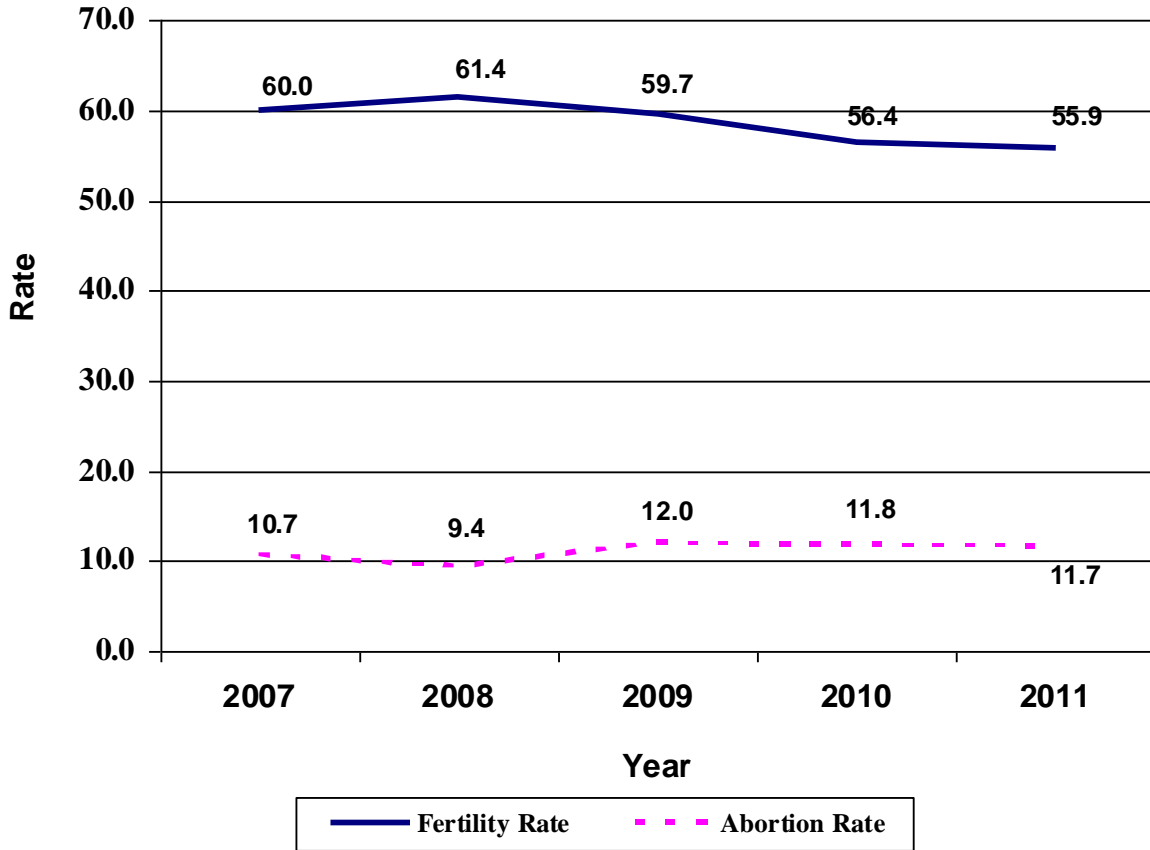
3 / Age-specific rate per 1,000 women in each age/age group category. Only abortions reported to the D.C. Department of Health (including out-of-state abortions to D.C. residents) are included in this table.

4 / Age-specific rate per 1,000 women in each age/age group category. Includes only fetal deaths of at least 20 weeks gestation or at least 500 grams.

5 / Rate per 1,000 women aged 15-19 years.

Source: Data management and Analysis Division, Center for Policy, Planning, and Evaluation, DC Department of Health.

Figure 1. Abortion Rate* and Fertility Rate
District of Columbia, 2007-2011**

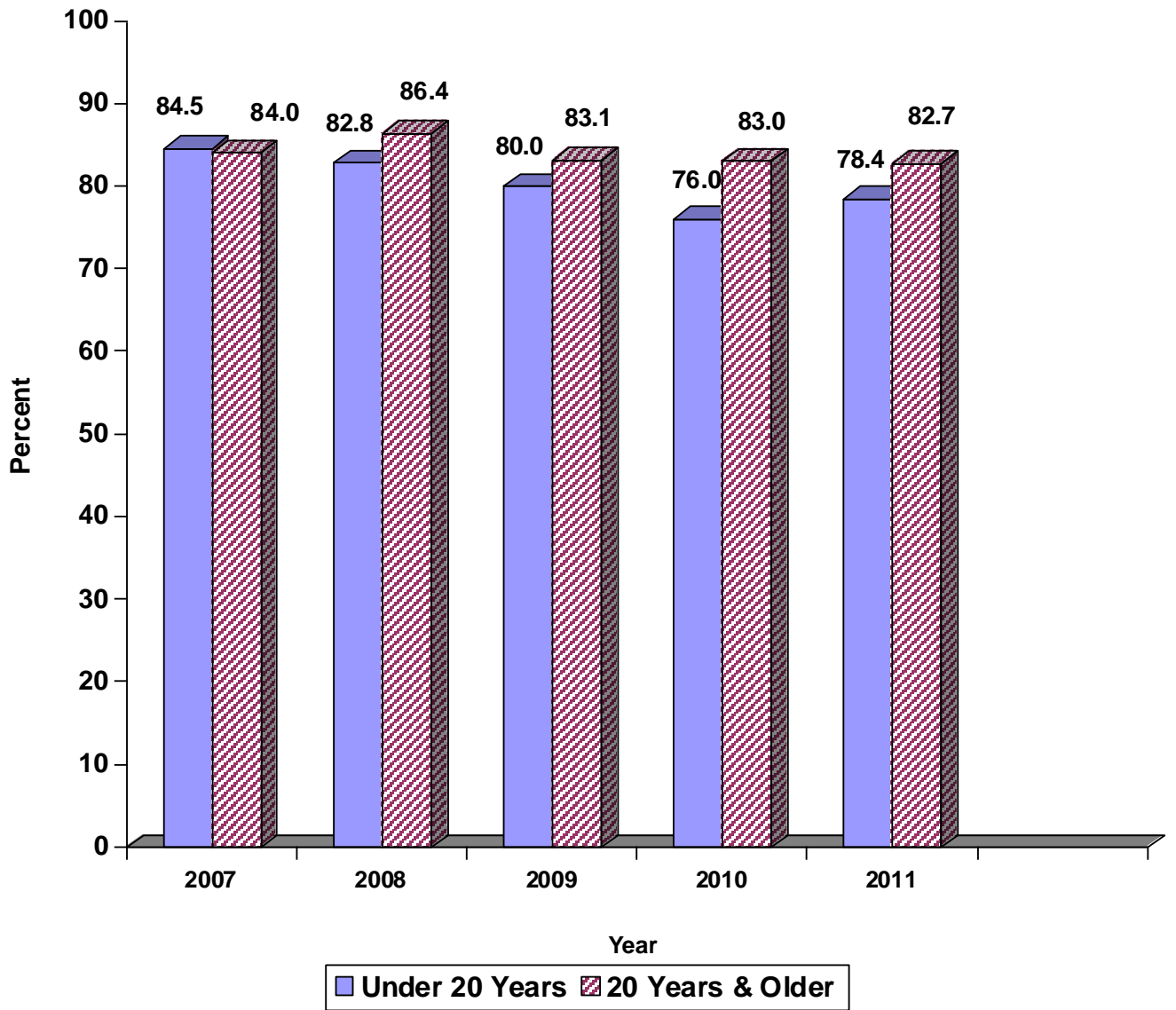


*The abortion rate is the number of abortions per 1,000 females 15-44 years of age.

**The fertility rate is the number of births per 1,000 females 15-44 years of age.

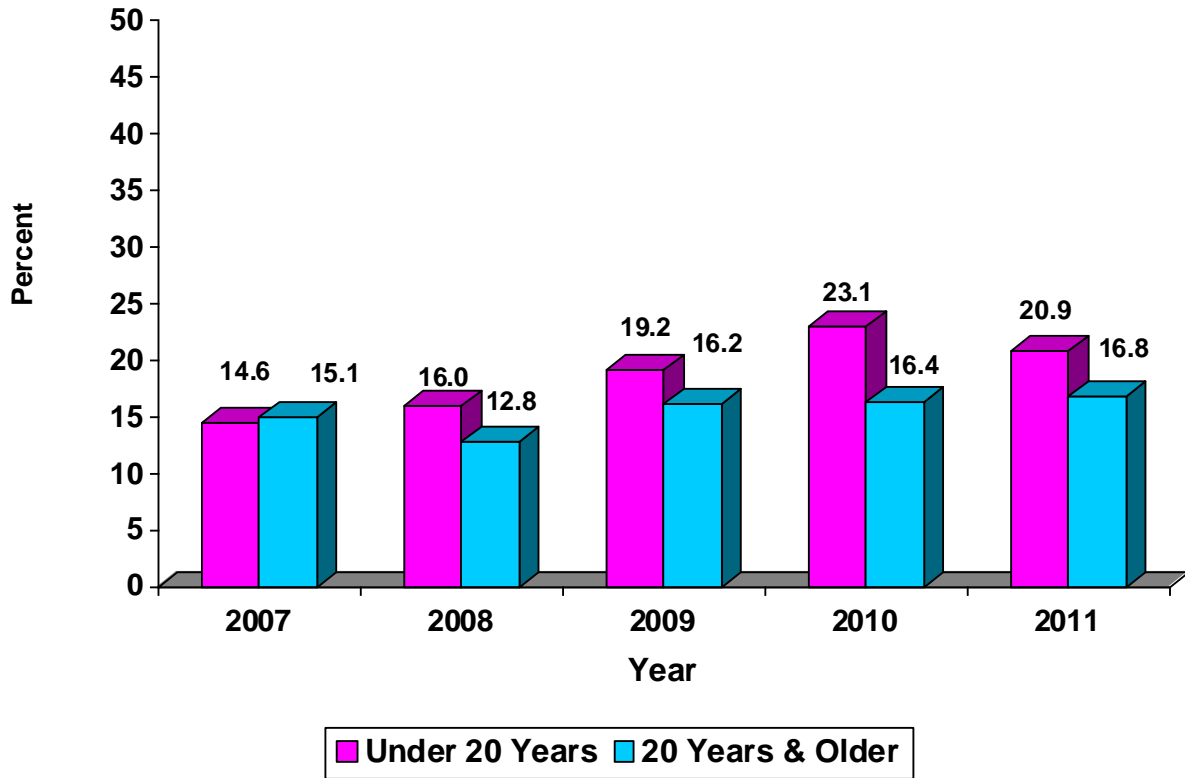
Source: Data management and Analysis Division, Center for Policy, Planning, and Evaluation, DC Department of Health.

Figure 2A. Percent of Reported Pregnancies Ending as a Live Birth by Age: District of Columbia, 2007-2011



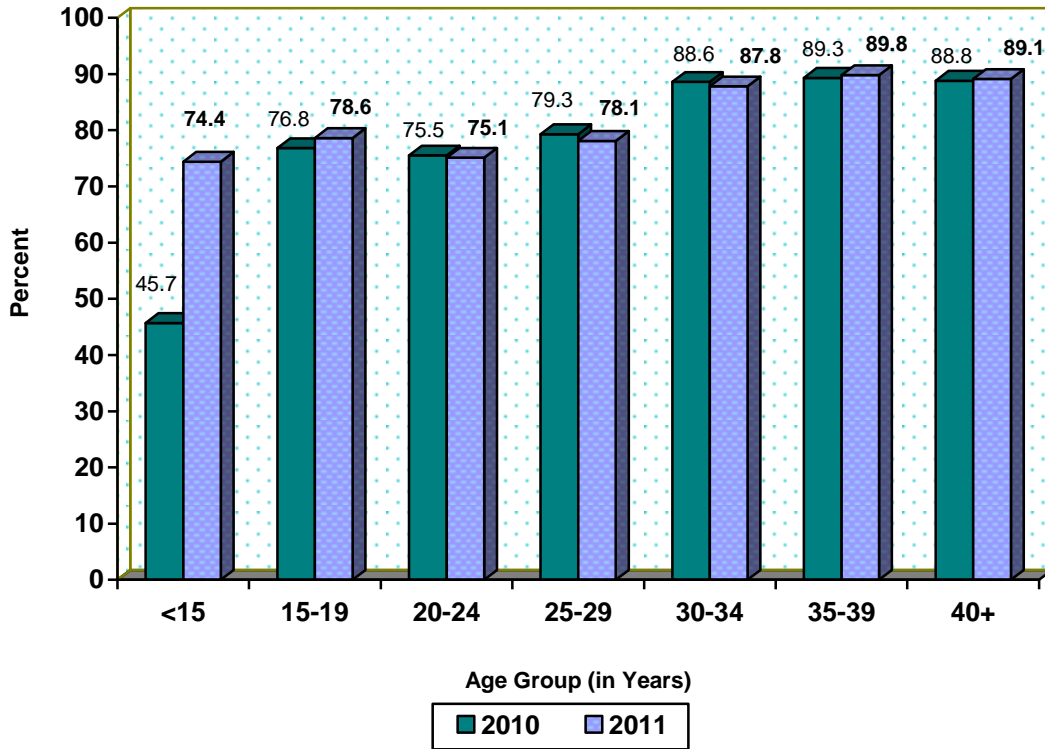
Source: Data management and Analysis Division, Center for Policy, Planning, and Evaluation, DC Department of Health.

Figure 2B. Percent of Reported Pregnancies Ending as Abortion by Age: District of Columbia, 2007-2011



Source: Data management and Analysis Division, Center for Policy, Planning, and Evaluation, DC Department of Health.

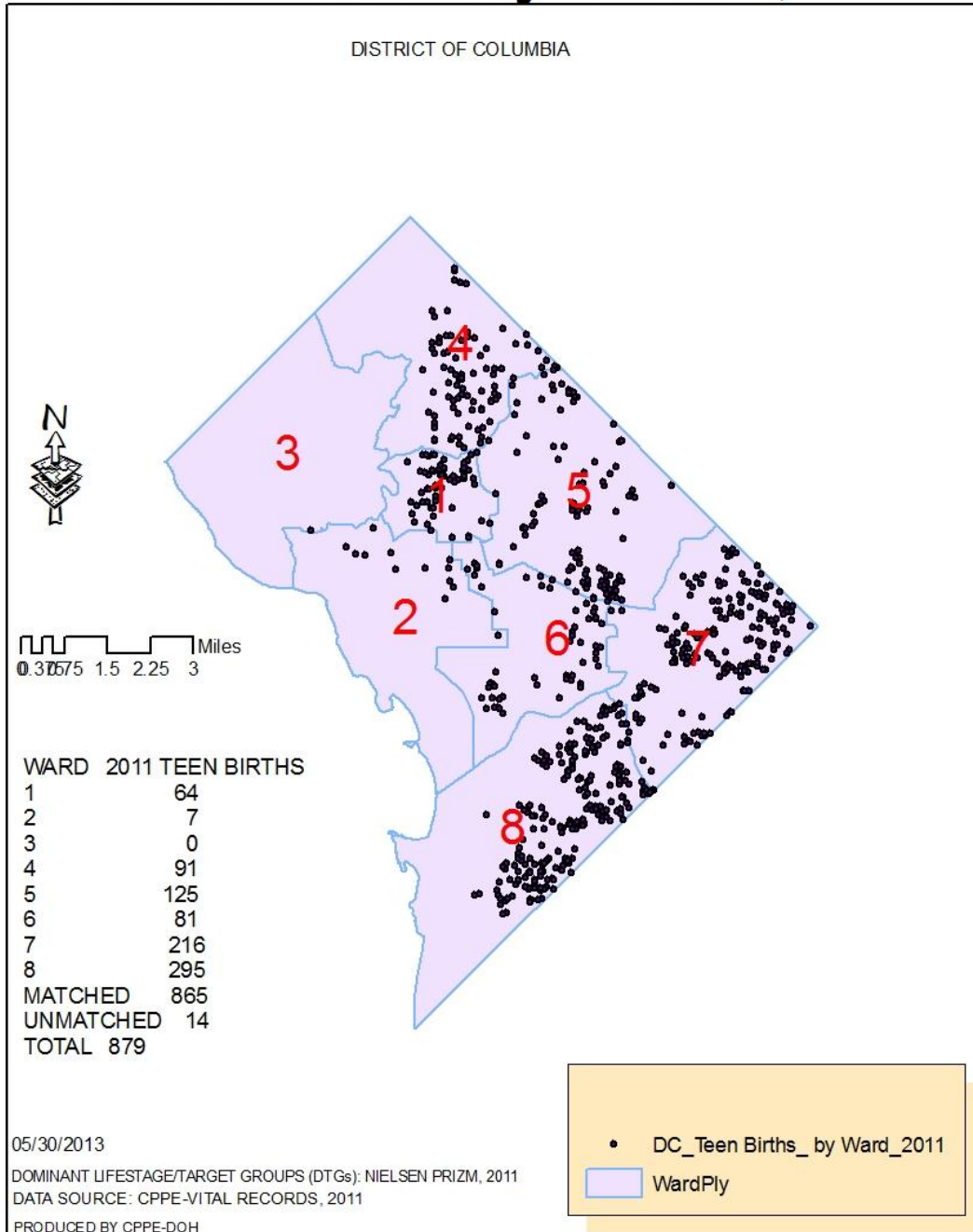
Figure 3. Percent of Reported Pregnancies Ending as a Live Birth by Age: District of Columbia, 2010-2011



Source: Data management and Analysis Division, Center for Policy, Planning, and Evaluation, DC Department of Health.

Figure 4

Teen Births by Ward, 2011



APPENDICES

Census 2000 and 2010 Population by Age and Gender District of Columbia						
	2000 Census			2010 Census		
Age in Years	Both sexes	Female	Male	Both sexes	Female	Male
		572,059	302,693	269,366	601,723	317,501
Under 5 years	32,536	16,053	16,483	32,613	16,080	16,533
5 to 9 years	35,385	17,625	17,760	26,147	12,949	13,198
Total 10-44 years	309,147	158,654	150,493	334,474	174,714	159,760
10 to 14 years	30,018	14,921	15,097	25,041	12,400	12,641
15 to 19 years	37,867	19,851	18,016	39,919	20,968	18,951
20 to 24 years	51,823	28,206	23,617	64,110	35,309	28,801
25 to 29 years	52,849	27,617	25,232	69,649	37,482	32,167
30 to 34 years	48,913	24,391	24,522	55,096	28,479	26,617
35 to 39 years	45,949	22,558	23,391	42,925	21,478	21,447
40 to 44 years	46,720	21,110	20,618	37,734	18,598	19,136
Total 15-44 years	279,129	143,733	135,396	309,433	162,314	147,119
45 to 49 years	39,397	20,652	18,745	38,539	19,005	19,534
50 to 54 years	35,913	19,298	16,615	37,164	19,050	18,114
55 to 59 years	27,803	15,128	12,675	34,274	18,280	15,994
60 to 64 years	21,980	11,928	10,052	29,703	16,305	13,398
65 to 69 years	18,525	10,363	8,162	21,488	11,883	9,605
70 to 74 years	17,394	10,453	6,941	15,481	8,810	6,671
75 to 79 years	14,976	9,374	5,602	11,820	7,038	4,782
80 to 84 years	10,028	6,613	3,415	9,705	6,189	3,516
85 and over	8,975	6,552	2,423	10,315	7,198	3,117

Source: U.S. Census Bureau, Census 2000 & 2010

2009 and 2011 Estimated Population and 2010 Census Population by Selected Age for Women: District of Columbia			
Age in Years	Population in 2009	Population in 2010	Population in 2011
Total Women	316,594	317,501	325,775
Total 10-44 years	164,231	174,714	178,526
10-14	13,390	12,400	12,445
15-19	21,678	20,968	20,531
20-24	27,179	35,309	33,984
25-29	32,253	37,482	39,741
30-34	26,807	28,479	30,851
35-39	23,072	21,478	21,784
40-44	19,852	18,598	19,190
Total 15-44 years	150,841	162,314	166,081

Source: U.S. Census Bureau, Population Division, May 2012

**2000 and 2010 Census Population, 2009 and 2011
Estimated Population by Individual Age for
Women Aged 15 to 19 Years, District of Columbia**

Age of Women (in years)	2000	2009*	2010	2011
Total 15-19	19,851	21,678	20,968	20,531
15	2,714	2,964	2,700	2,644
16	2,801	3,059	2,814	2,755
17	2,958	3,230	2,983	2,921
15-17	8,473	9,253	8,497	8,320
18	4,880	5,329	5,272	5,162
19	6,498	7,096	7,199	7,049
18-19	11,378	12,425	12,471	12,211

*2009 estimated population of individual age is based on Census 2000 proportion by age.
Source: U.S. Census Bureau, Census 2000 & 2010 summary file2, Table PCT3

Technical Notes

Definition

Abortion (Legally induced termination of pregnancy)

The purposeful interruption of pregnancy with the intention other than to produce a live-born infant or to remove a dead fetus. The abortion rates are the number of resident abortions per 1,000 women in each specified age group.

Age-specific fertility rate

Number of resident live births to women in a specific age group per 1,000 women in the same age group during a calendar year.

$$\frac{\text{Live births to women in specific age-group}}{\text{Estimated mid-year female population in that age group}} \times 1,000$$

General fertility rate

Total number of resident live births to women of all ages during a calendar year per 1,000 populations of women of childbearing age (15-44 years).

$$\frac{\text{Live Births}}{\text{Estimated mid-year female population 15-44 years old}} \times 1,000$$

Fetal death

Death prior to the complete expulsion or extraction from its mother of a product of human conception of 20 weeks or more duration of pregnancy or 500 grams or more and which is not an induced termination of pregnancy. The death is indicated by the fact that after such expulsion or extraction, the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.

Live Birth

Defined as the complete expulsion or extraction from its mother of a product of human conception, regardless of the duration of pregnancy. After such expulsion or extraction, the product must breathe or show other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached.

Pregnancy

The period from conception to birth. Pregnancies are computed by adding the number of live births, fetal losses, and abortions.

Pregnancy rate

Pregnancy rates are the number of resident pregnancies per 1,000 women in each specified age group.

Source of Data

Data shown in this report for 2007-2011 are based on 100 percent of the resident birth and fetal death certificates in the District of Columbia (DC) and DC resident births that occurred in other states through the inter-state exchange agreement. Abortion reporting in the District of Columbia is voluntary. Hospitals and free-standing clinics that agree to participate, report abortion data on a standardized reporting form to the Department of Health. Abortions that are performed in private physicians' offices are not reported to the DC Department of Health; therefore, their data are not included in this report.

Age of Woman

Age of woman is computed in most cases from the mother and infant's date of birth as reported on the birth certificate. In the case of the fetal death certificate, the woman's age is computed from her date of birth and the date the fetal death occurred. In the case of the abortion reporting form, the woman's age is directly reported.

Race and Hispanic Origin

Race and Hispanic origin are reported separately on the birth and fetal death certificates and the abortion reporting form.

Births and Fetal Deaths. Race of women is reported in nine categories on the fetal death certificate (from 2007- Jan, 2009), which used the 1989 revision of the U.S. Standard Certificate of Live Birth (1). The categories are: White, Black, American Indian, Chinese, Japanese, Hawaiian, Filipino, "other" Asian or Pacific Islander and "Other" race.

Single, Multiple, and 'Bridged' Race for Live Births. On February 2009, the District of Columbia began reporting multiple-race data, which used the 2003 revision of the U.S. Standard Certificate of Live Birth and allows the reporting of more than one race (multiple races) for each parent in accordance with the revised standards issued by the Office of Management and Budget (OMB) in 1997 (2,3). To provide uniformity and comparability of the data during the transition period, before all or most of the data are available in the new multiple-race format, it was necessary to "bridge" the responses of those who reported more than one race (multiple race) to a single race. Race of woman, from February 2009, is reported in 24 race categories on the birth certificate as follows:

Single Race: White, Black, American Indian or Alaskan Native, Asian Indian, Chinese, Filipino, Japanese, Korean, Vietnamese, Other Asian, Native Hawaiian, Guamanian or Chamorro, Samoan, Other Pacific Islander, and Other.

Bridged multiple specified race: White, Black, American Indian or Alaskan Native, Asian or Pacific Islander.

Induced Abortion. Induced abortion is defined as an intentional termination of pregnancy before the fetus has developed enough to live if born. Race of woman on the abortion reporting form is reported in six categories: White, Black, Asian, Hawaiian, Native American and “Other” race.

Hispanic origin of woman is reported as either Hispanic/Latina or not Hispanic/Latina and selected country of origin on all reporting data sources.

Population Denominators

Pregnancy, birth, fertility, abortion, and fetal death rates are based on population estimates from July 2007-2009 and April Census 2010 and population estimates for 2011.

Computation of Rates

In computing the general pregnancy, birth, fertility, abortion, and fetal death rates, the population denominator is the number of women aged 15-44 years. In computing age-specific rates, the number of events to women in each specified age-group is related to the female population in the associated age-group (e.g., the number of events to women younger than 15 years divided by the population of women aged 10-14 years).

References

1. Office of Management and Budget. Race and ethnic standards for federal statistics and administrative reporting. Statistical Policy Directive 15. May 12, 1977.
2. Office of Management and Budget. Revisions to the standards for the classification of federal data on race and ethnicity. Federal Register 62FR58781–58790. October 30, 1997. Available from: <http://www.whitehouse.gov/omb/fedreg/ombdir15.html>.
3. Ingram DD, Parker JD, Schenker N, et al. United States Census 2000 with bridged race categories. National Center for Health Statistics. Vital Health Stat 2 (135). 2003. Available from: http://www.cdc.gov/nchs/data/series/sr_02/sr02_135.pdf.
4. U.S Census bureau, 2010 Census and 2000 Census at: <http://www.2010.census.gov/2010census/data/>