

DELAWARE VITAL STATISTICS ANNUAL REPORT FETAL AND PERINATAL MORTALITY, 2011



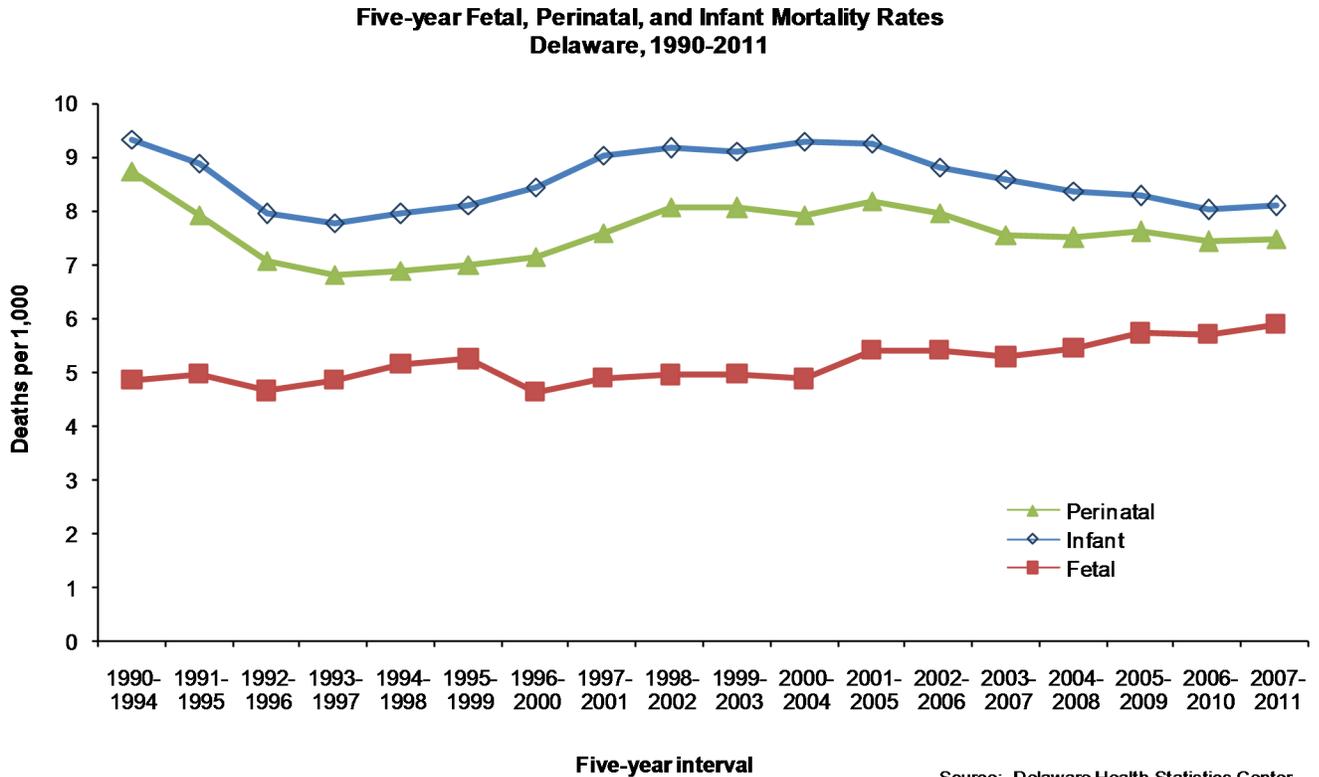
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Delaware Department of Health and Social Services, Division of Public Health: 2015.*

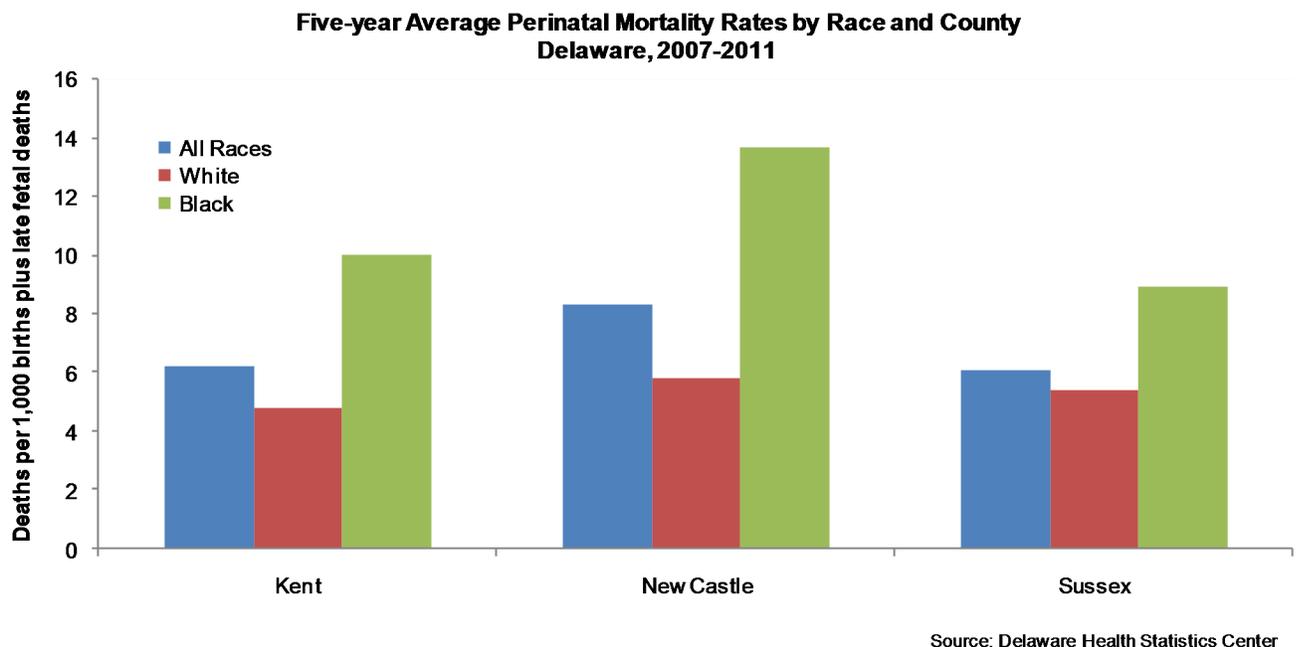
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FETAL AND PERINATAL DEATHS

Perinatal mortality refers to deaths occurring in the period around delivery, and includes late fetal deaths (>28 weeks gestation) and early infant deaths (<7 days of age). Perinatal mortality trends paralleled those of infant mortality, decreasing from 1990-1994 to their lowest level in 1993-1997, and then increasing through 2001-2005, after which they began a gradual decrease through 2007-2011.



Like infant mortality rates, perinatal mortality rates for black women were substantially higher than the perinatal mortality rates for white women, regardless of county. In Kent and New Castle Counties, the perinatal mortality rate for black women was more than double that of white women.



FETAL AND PERINATAL DEATHS

In 2011, there were 77 reported fetal deaths in Delaware. In 2007-2011, the fetal mortality rate was 5.9 fetal deaths per 1,000 live births and fetal deaths. Fetal mortality rates for black women have been consistently higher than the rates for white women, and in 2007-2011 they were 70 percent higher than the rate of white women (8.5 versus 5.0).

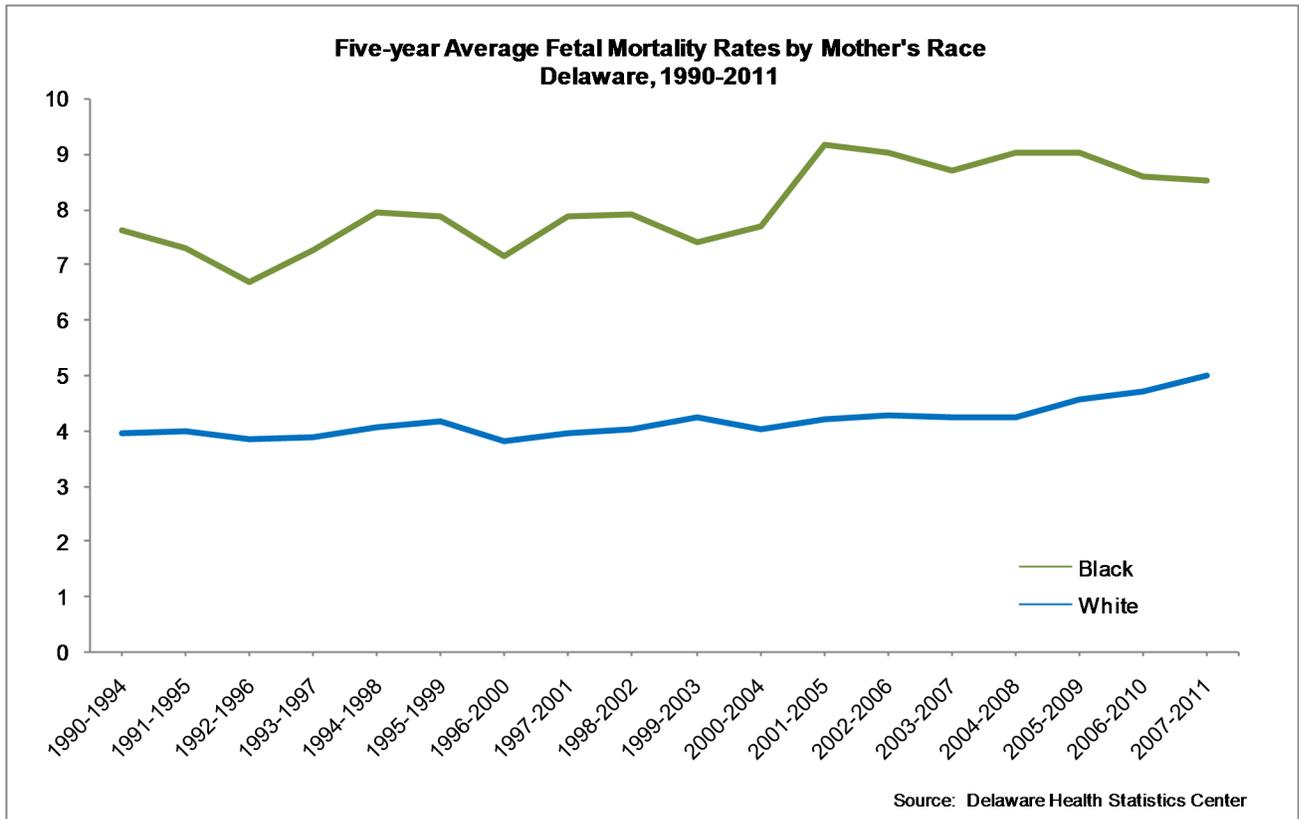


TABLE D-1
NUMBER OF FETAL DEATHS BY RACE, HISPANIC ORIGIN, AND AGE OF WOMAN

DELAWARE AND COUNTIES, 2011

Area/ Age	Race-Hispanic Origin				
	All Races	White	Black	Other	Hispanic*
Delaware	77	48	28	1	5
<20	6	4	2	0	0
20-24	10	3	7	0	0
25-34	43	31	11	1	3
35+	18	10	8	0	2
Unknown	0	0	0	0	0
Kent	12	8	4	0	0
<20	0	0	0	0	0
20-24	3	1	2	0	0
25-34	9	7	2	0	0
35+	0	0	0	0	0
Unknown	0	0	0	0	0
New Castle	54	34	19	1	3
<20	5	4	1	0	0
20-24	5	2	3	0	0
25-34	29	20	8	1	2
35+	15	8	7	0	1
Unknown	0	0	0	0	0
Sussex	11	6	5	0	2
<20	1	0	1	0	0
20-24	2	0	2	0	0
25-34	5	4	1	0	1
35+	3	2	1	0	1
Unknown	0	0	0	0	0

Notes:

Fetal deaths are reportable events if the fetus weighs at least 350 grams, or if weight is unknown, has reached at least 20 weeks of gestation. For more details, see "Basic Definitions".

*People of Hispanic origin may be of any race.

PRAGERACECTY

Source:

Delaware Health Statistics Center

TABLE D-2
NUMBER FETAL DEATHS BY RACE, HISPANIC ORIGIN, AND EDUCATION OF WOMAN

DELAWARE, 2011

Education	Race-Hispanic Origin				
	All Races	White	Black	Other	Hispanic*
Total	77	48	28	1	5
<9	4	2	2	0	1
9 to 11	6	4	2	0	2
H.S. Grad	32	20	12	0	0
1 to 3 College	19	10	9	0	0
4+ College	9	7	2	0	1
Unknown	7	5	1	1	1

PEDURACE

Notes:

Fetal deaths are reportable events if the fetus weighs at least 350 grams, or if weight is unknown, has reached at least 20 weeks of gestation. For more details, see "Basic Definitions".

*People of Hispanic origin may be of any race.

Source:

Delaware Health Statistics Center

TABLE D-3
NUMBER OF FETAL DEATHS BY RACE, HISPANIC ORIGIN, AND MARITAL STATUS OF WOMAN

DELAWARE AND COUNTIES, 2011

Area/ Marital Status	Race-Hispanic Origin				
	All Races	White	Black	Other	Hispanic*
Delaware	77	48	28	1	5
Married	38	31	6	1	5
Single	39	17	22	0	0
Kent	12	8	4	0	0
Married	7	6	1	0	0
Single	5	2	3	0	0
New Castle	54	34	19	1	3
Married	24	19	4	1	3
Single	30	15	15	0	0
Sussex	11	6	5	0	2
Married	7	6	1	0	2
Single	4	0	4	0	0

PRMARIT

Note:

Fetal deaths are reportable events if the fetus weighs at least 350 grams, or if weight is unknown, has reached at least 20 weeks of gestation. For more details, see "Basic Definitions".

*People of Hispanic origin may be of any race.

Source:

Delaware Health Statistics Center

TABLE D-4
NUMBER OF FETAL DEATHS BY WEIGHT OF FETUS IN GRAMS AND RACE C
DELAWARE AND COUNTIES, 2011

Area/ Weight	Race			
	All Races	White	Black	Other
Delaware	77	48	28	1
<500	23	13	10	0
500-749	16	8	8	0
750-999	6	4	2	0
1000-1499	9	7	2	0
1500-1999	7	6	0	1
2000-2499	5	4	1	0
2500+	11	6	5	0
Unknown	0	0	0	0
Kent	12	8	4	0
<500	3	3	0	0
500-749	5	3	2	0
750-999	0	0	0	0
1000-1499	2	1	1	0
1500-1999	1	1	0	0
2000-2499	0	0	0	0
2500+	1	0	1	0
Unknown	0	0	0	0
New Castle	54	34	19	1
<500	16	8	8	0
500-749	9	5	4	0
750-999	5	4	1	0
1000-1499	7	6	1	0
1500-1999	5	4	0	1
2000-2499	4	3	1	0
2500+	8	4	4	0
Unknown	0	0	0	0
Sussex	11	6	5	0
<500	4	2	2	0
500-749	2	0	2	0
750-999	1	0	1	0
1000-1499	0	0	0	0
1500-1999	1	1	0	0
2000-2499	1	1	0	0
2500+	2	2	0	0
Unknown	0	0	0	0

FDWTRACE

Note:
Fetal deaths are reportable events if the fetus weighs at least 350 grams, or if weight is unknown, has reached at least 20 weeks of gestation. For more details, see "Basic Definitions."

Source:
Delaware Health Statistics Center

TABLE D-5
NUMBER OF FETAL DEATHS BY WEEKS OF GESTATION AND RACE OF
DELAWARE AND COUNTIES, 2011

Area/ Age	Race			
	All Races	White	Black	Other
Delaware	77	48	28	1
<20 Weeks	3	1	2	0
20-24 Weeks	29	17	12	0
25-29 Weeks	17	10	7	0
30-34 Weeks	12	10	2	0
35-39 Weeks	10	7	2	1
40+ Weeks	6	3	3	0
Unknown	0	0	0	0
Kent	12	8	4	0
<20 Weeks	0	0	0	0
20-24 Weeks	6	5	1	0
25-29 Weeks	5	3	2	0
30-34 Weeks	0	0	0	0
35-39 Weeks	0	0	0	0
40+ Weeks	1	0	1	0
Unknown	0	0	0	0
New Castle	54	34	19	1
<20 Weeks	2	1	1	0
20-24 Weeks	19	10	9	0
25-29 Weeks	10	7	3	0
30-34 Weeks	10	8	2	0
35-39 Weeks	9	6	2	1
40+ Weeks	4	2	2	0
Unknown	0	0	0	0
Sussex	11	6	5	0
<20 Weeks	1	0	1	0
20-24 Weeks	4	2	2	0
25-29 Weeks	2	0	2	0
30-34 Weeks	2	2	0	0
35-39 Weeks	1	1	0	0
40+ Weeks	1	1	0	0
Unknown	0	0	0	0

FDGESRAC

Note:

Fetal deaths are reportable events if the fetus weighs at least 350 grams, or if weight is unknown, has reached at least 20 weeks of gestation. For more details, see "Basic Definitions".

Source:

Delaware Health Statistics Center

TABLE D-6
 FIVE-YEAR AVERAGE PERINATAL MORTALITY RATES BY RACE
 DELAWARE AND COUNTIES, 1993-2011

Area/ Race	1993 -1997	1994 -1998	1996 -2000	1997 -2001	1998 -2002	1999 -2003	2000 -2004	2001 -2005	2002 -2006	2003 -2007	2004 -2008	2005 -2009	2006 -2010	2007 -2011
Delaware														
All Races	6.8	6.9	7.1	7.6	8.1	8.1	7.9	8.2	8.0	7.5	7.5	7.6	7.4	7.5
White	5.5	5.6	5.6	5.8	6.2	6.3	6.3	6.2	6.2	6.0	5.9	5.7	5.6	5.6
Black	10.7	10.8	12.4	13.8	14.4	14.2	13.4	14.3	13.5	12.6	12.5	12.9	12.3	12.2
Kent														
All Races	6.7	7.3	7.5	7.3	8.9	8.7	8.2	8.7	8.0	5.8	6.0	6.3	5.9	6.2
White	4.8	5.6	6.0	6.2	8.1	7.8	7.3	6.9	5.9	3.6	3.8	3.7	4.4	5.0
Black	12.7	12.5	12.9	11.7	11.8	12.1	10.7	13.8	13.7	11.5	11.8	13.7	10.4	9.7
New Castle														
All Races	6.8	6.7	7.3	7.9	8.3	8.5	8.3	8.5	8.3	8.1	8.1	8.2	8.0	8.3
White	5.4	5.2	5.3	5.6	5.8	6.2	6.3	6.4	6.3	6.4	6.3	6.4	5.7	5.9
Black	11.1	11.2	13.7	15.3	16.3	15.9	14.9	15.0	14.1	13.4	13.2	12.7	13.1	13.6
Sussex														
All Races	7.0	7.3	6.3	6.6	6.4	5.9	6.2	6.6	6.9	7.3	7.0	7.0	7.3	6.1
White	6.8	7.2	6.1	5.7	5.5	5.1	5.3	5.2	6.1	6.9	6.4	5.7	6.5	5.4
Black	7.5	7.6	6.6	9.7	9.6	9.1	9.8	12.0	10.3	10.7	10.6	12.9	10.8	8.9

Peri_race

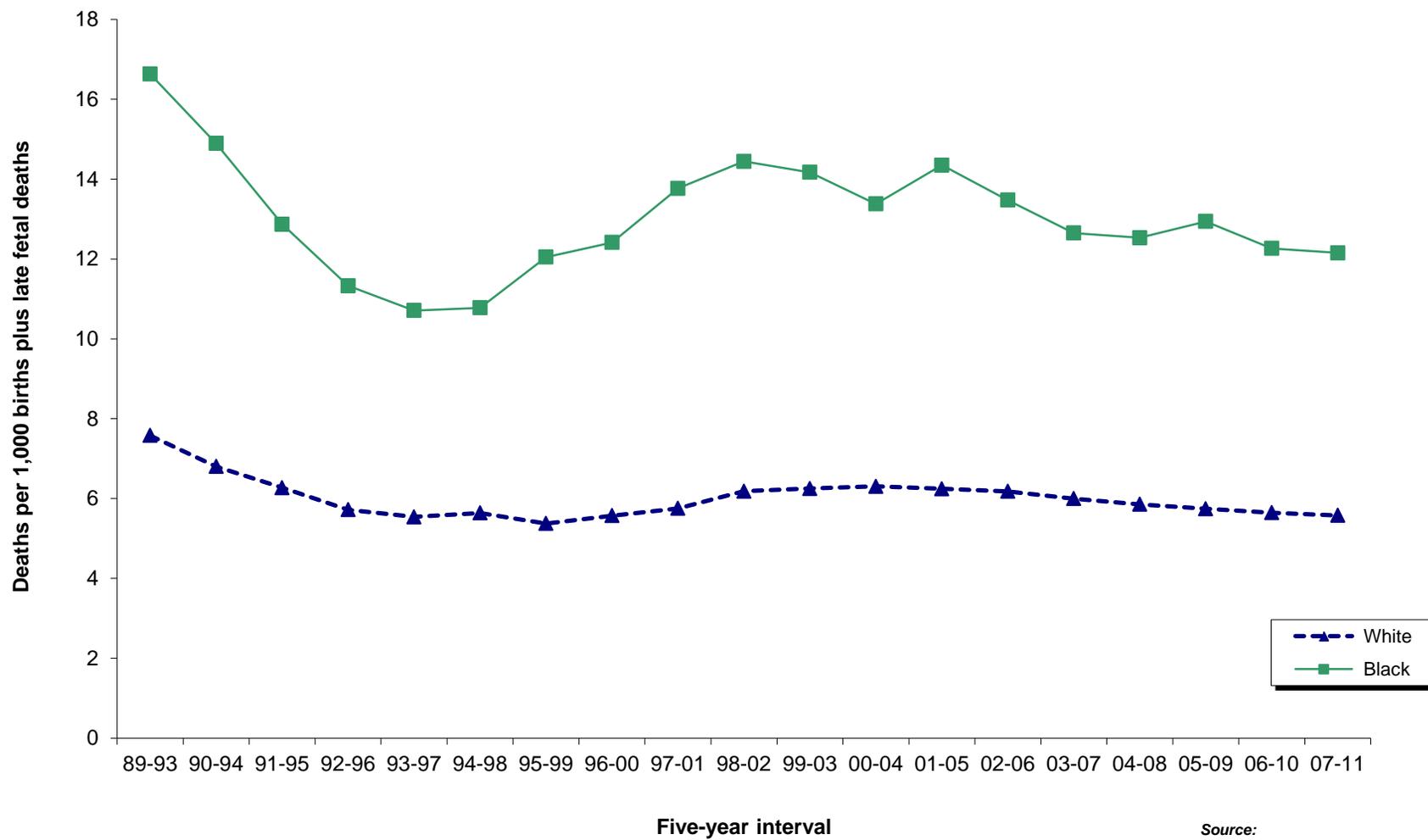
Note:

Perinatal mortality rate defined as: Infant deaths of less than 7 days and fetal deaths with gestation of 28 weeks or more, per 1,000 live births and specified fetal deaths.

Source:

Delaware Health Statistics Center

Figure D-1
Five-year Average Perinatal Mortality Rates by Race
Delaware, 1989-2011



Source:
 Delaware Health Statistics Center