

Delaware Vital Statistics Annual Report

Fetal and Perinatal Deaths, 2010



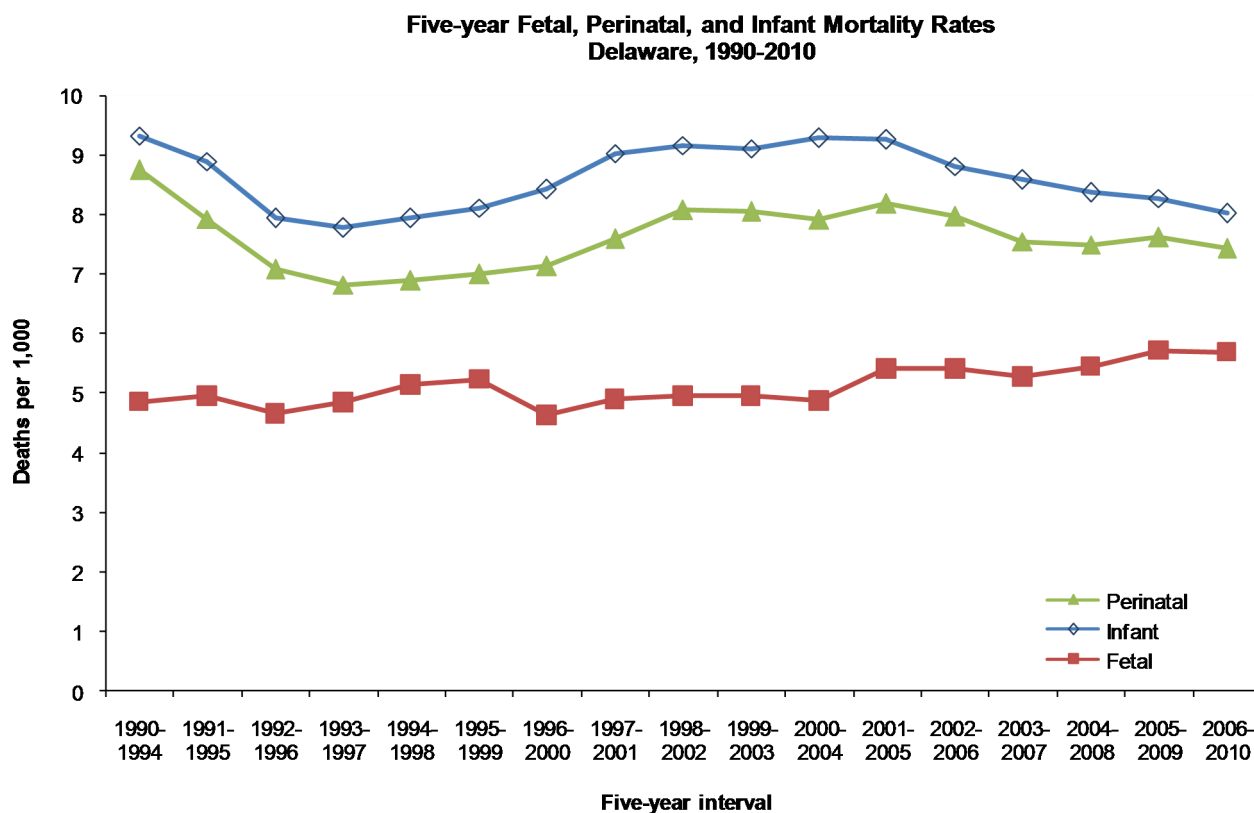
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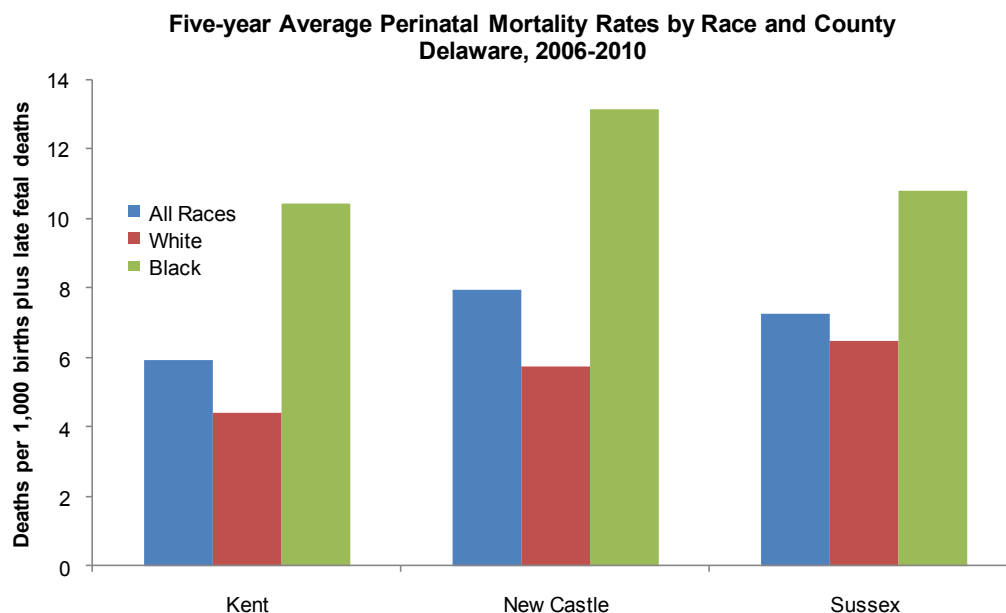
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FETAL AND PERINATAL DEATHS

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 2006-2010.



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.



Source: Delaware Health Statistics Center

FETAL AND PERINATAL DEATHS

In 2010, there were 62 reported fetal deaths in Delaware. In 2006-2010, the fetal mortality rate was 5.7 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 2006-2010 they were 83 percent higher than the rate of white women (8.6 versus 4.7).

**Five-year Average Fetal Mortality Rates by Mother's Race
Delaware, 1990-2010**

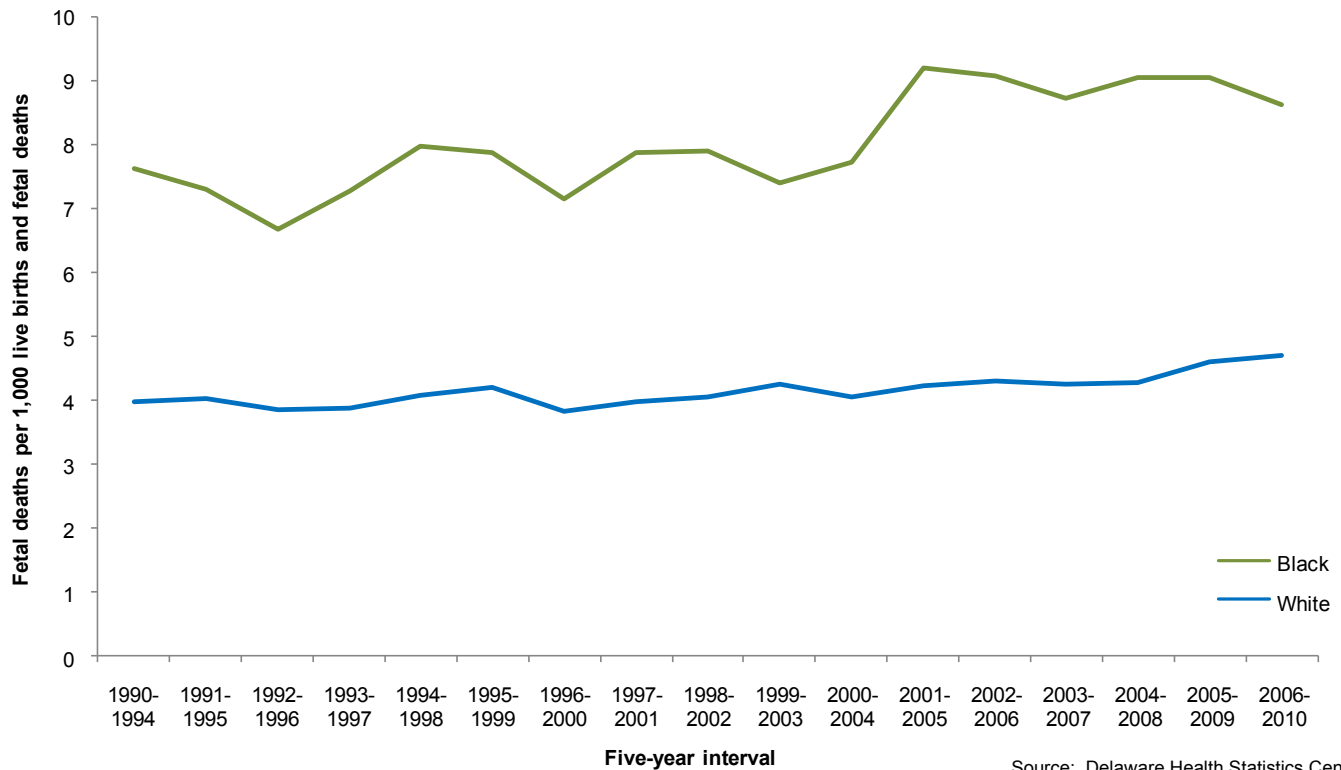


TABLE D-1
NUMBER OF FETAL DEATHS BY RACE, HISPANIC ORIGIN, AND AGE OF WOMAN

DELAWARE AND COUNTIES, 2010

Area/ Age	Race-Hispanic Origin				
	All Races	White	Black	Other	Hispanic*
Delaware	62	33	27	2	8
<20	7	4	3	0	0
20-24	18	6	12	0	1
25-34	32	20	10	2	7
35+	5	3	2	0	0
Unknown	0	0	0	0	0
Kent	9	7	2	0	2
<20	0	0	0	0	0
20-24	1	0	1	0	0
25-34	6	5	1	0	2
35+	2	2	0	0	0
Unknown	0	0	0	0	0
New Castle	42	18	22	2	3
<20	5	2	3	0	0
20-24	15	5	10	0	1
25-34	19	10	7	2	2
35+	3	1	2	0	0
Unknown	0	0	0	0	0
Sussex	11	8	3	0	3
<20	2	2	0	0	0
20-24	2	1	1	0	0
25-34	7	5	2	0	3
35+	0	0	0	0	0
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.

Source:

Delaware Health Statistics Center

PRAGERACECTY

TABLE D-2
NUMBER FETAL DEATHS BY RACE, HISPANIC ORIGIN, AND EDUCATION OF WOMAN
DELAWARE, 2010

Education	Race-Hispanic Origin				
	All Races	White	Black	Other	Hispanic*
Total	62	33	27	2	8
<9	4	3	1	0	2
9 to 11	6	2	4	0	1
H.S. Grad	30	13	15	2	2
1 to 3 College	12	8	4	0	1
4+ College	2	1	1	0	0
Unknown	8	6	2	0	2

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, 2010

Area/ Marital Status	Race-Hispanic Origin				
	All Races	White	Black	Other	Hispanic*
Delaware	62	33	27	2	8
Married	22	13	7	2	2
Single	40	20	20	0	6
Kent	9	7	2	0	2
Married	4	3	1	0	0
Single	5	4	1	0	2
New Castle	42	18	22	2	3
Married	15	8	5	2	1
Single	27	10	17	0	2
Sussex	11	8	3	0	3
Married	3	2	1	0	1
Single	8	6	2	0	2

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 OF WOMAN

DELAWARE AND COUNTIES, 2010

Area/ Weight	Race			
	All Races	White	Black	Other
Delaware	62	33	27	2
<500	17	7	9	1
500-749	6	5	1	0
750-999	5	3	2	0
1000-1499	10	5	5	0
1500-1999	7	4	3	0
2000-2499	5	3	2	0
2500+	12	6	5	1
Unknown	0	0	0	0
Kent	9	7	2	0
<500	0	0	0	0
500-749	2	2	0	0
750-999	0	0	0	0
1000-1499	2	1	1	0
1500-1999	3	2	1	0
2000-2499	0	0	0	0
2500+	2	2	0	0
Unknown	0	0	0	0
New Castle	42	18	22	2
<500	15	7	7	1
500-749	3	2	1	0
750-999	4	2	2	0
1000-1499	7	3	4	0
1500-1999	1	0	1	0
2000-2499	3	1	2	0
2500+	9	3	5	1
Unknown	0	0	0	0
Sussex	11	8	3	0
<500	2	0	2	0
500-749	1	1	0	0
750-999	1	1	0	0
1000-1499	1	1	0	0
1500-1999	3	2	1	0
2000-2499	2	2	0	0
2500+	1	1	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 WOMAN

DELAWARE AND COUNTIES, 2010

Area/ Age	Race			
	All Races	White	Black	Other
Delaware	62	33	27	2
<20 Weeks	3	1	2	0
20-24 Weeks	19	11	7	1
25-29 Weeks	10	5	5	0
30-34 Weeks	11	7	4	0
35-39 Weeks	14	7	6	1
40+ Weeks	4	2	2	0
Unknown	1	0	1	0
Kent	9	7	2	0
<20 Weeks	0	0	0	0
20-24 Weeks	2	2	0	0
25-29 Weeks	2	1	1	0
30-34 Weeks	2	2	0	0
35-39 Weeks	3	2	1	0
40+ Weeks	0	0	0	0
Unknown	0	0	0	0
New Castle	42	18	22	2
<20 Weeks	3	1	2	0
20-24 Weeks	15	9	5	1
25-29 Weeks	7	3	4	0
30-34 Weeks	5	1	4	0
35-39 Weeks	9	3	5	1
40+ Weeks	2	1	1	0
Unknown	1	0	1	0
Sussex	11	8	3	0
<20 Weeks	0	0	0	0
20-24 Weeks	2	0	2	0
25-29 Weeks	1	1	0	0
30-34 Weeks	4	4	0	0
35-39 Weeks	2	2	0	0
40+ Weeks	2	1	1	0
Unknown	0	0	0	0

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

FDGESRAC

TABLE D-6
FIVE-YEAR AVERAGE PERINATAL MORTALITY RATES BY RACE
DELAWARE AND COUNTIES, 1992-2010

Area/ Race	1991 -1995	1992 -1996	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
Delaware															
All Races	7.9	7.1	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
White	6.3	5.7	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
Black	12.9	11.3	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
Kent															
All Races	7.5	7.7	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
White	6.4	6.4	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
Black	9.8	11.2	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
New Castle															
All Races	8.3	7.2	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
White	6.3	5.4	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
Black	14.5	13.1	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
Sussex															
All Races	7.1	5.9	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
White	6.2	6.2	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
Black	10.0	5.6	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

Note:

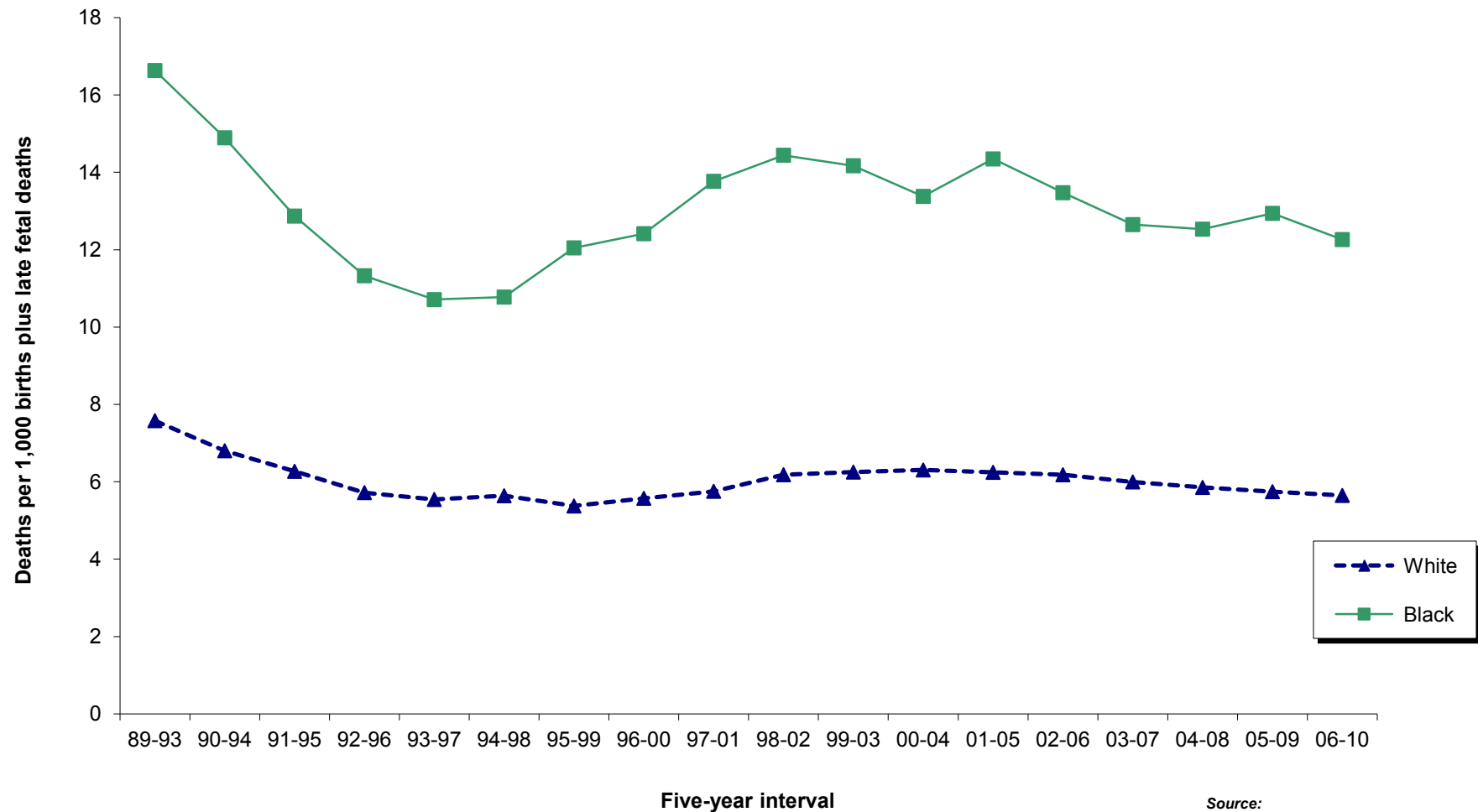
Perinatal mortality rate defined as: Infant deaths of less than 7 days and fetal deaths with gestation of 28 weeks or more, per 1,000 live births and specified fetal deaths.

Source:

Delaware Health Statistics Center

Peri_race

Figure D-1
Five-year Average Perinatal Mortality Rates by Race
Delaware, 1989-2010



Source:
Delaware Health Statistics Center