

DELAWARE VITAL STATISTICS ANNUAL REPORT FETAL AND PERINATAL MORTALITY, 2012

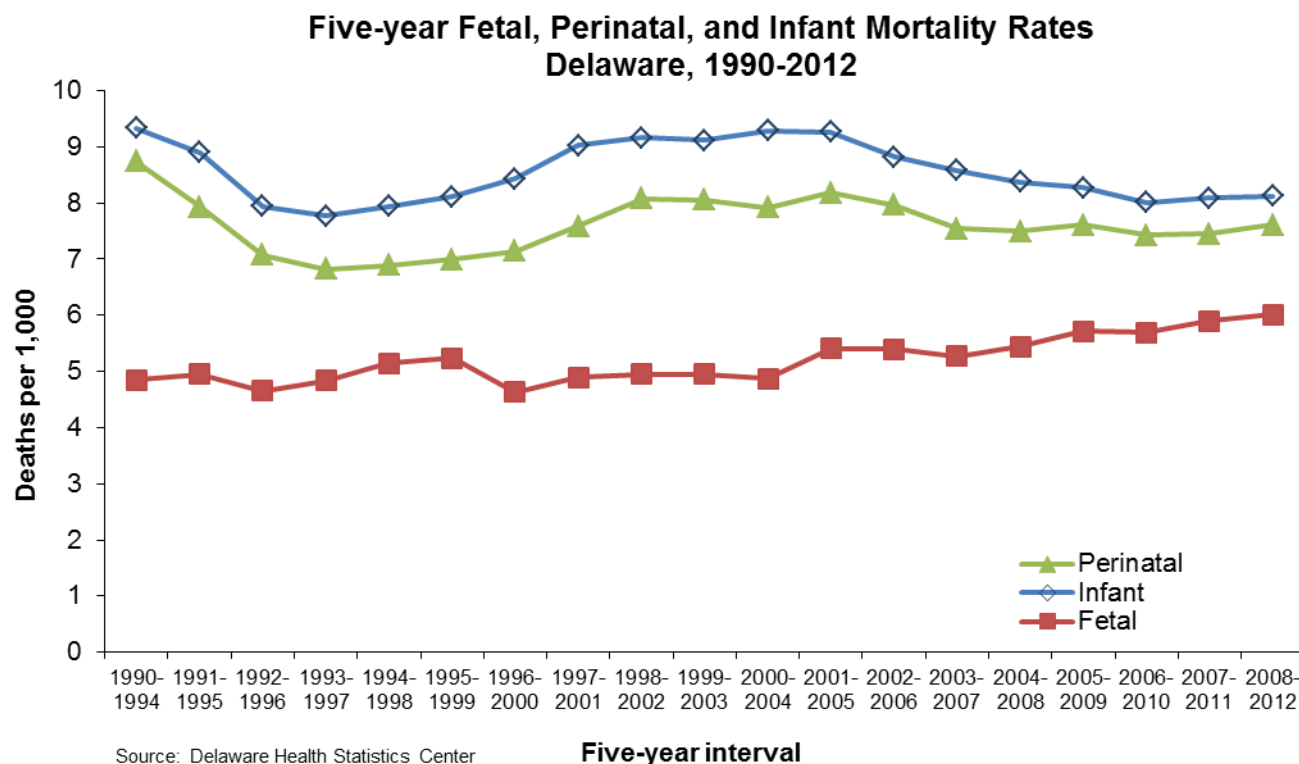


Suggested Citation:

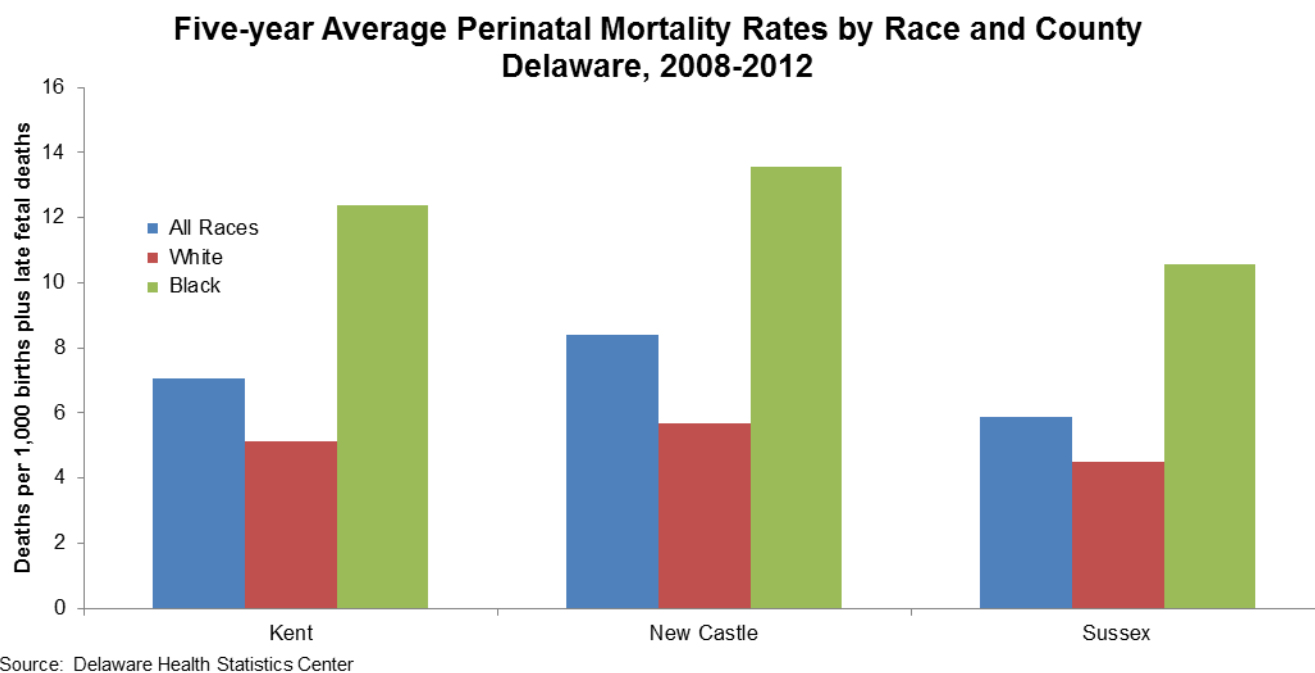
*Delaware Health Statistics Center. Delaware Vital Statistics Annual Report, 2012.
Delaware Department of Health and Social Services, Division of Public Health: 2016.*

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 small period of decrease through 2006-2010, the trend is slightly rising through 2008-2012.



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 all three counties, the perinatal mortality rate for black women was more than double that of white women.



FETAL AND PERINATAL DEATHS

In 2012, there were 62 reported fetal deaths in Delaware. In 2008-2012, the fetal mortality rate was 6.0 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 2008-2012 they were 48 percent higher than the rate of white women (8.5 versus 5.2).

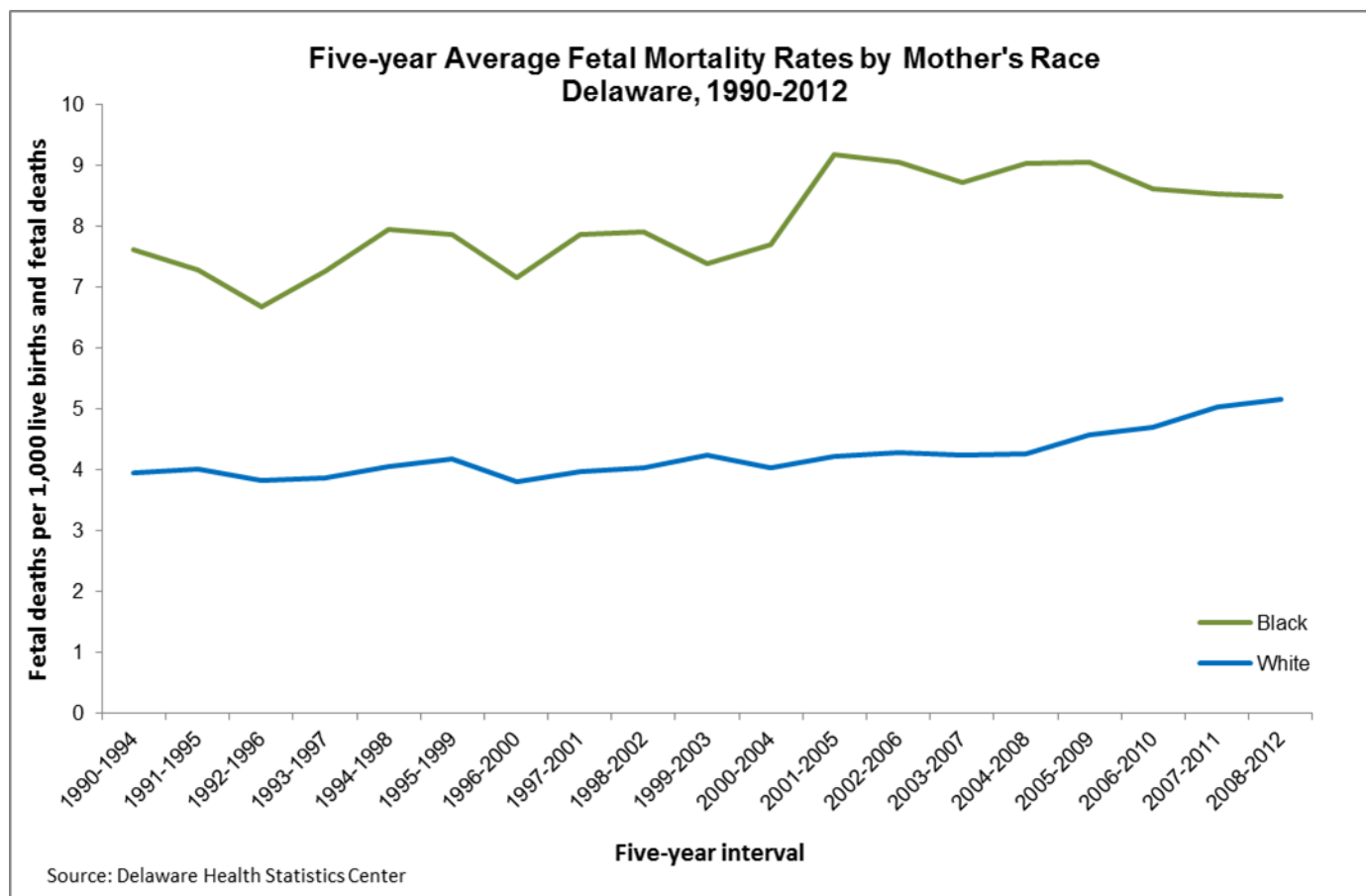


TABLE D-1
NUMBER OF FETAL DEATHS BY RACE, HISPANIC ORIGIN, AND AGE OF WOMAN

DELAWARE AND COUNTIES, 2012

Area/ Age	Race-Hispanic Origin				
	All Races	White	Black	Other	Hispanic*
Delaware	62	38	21	3	8
<20	7	5	2	0	0
20-24	13	4	8	1	2
25-34	29	19	9	1	3
35+	13	10	2	1	3
Unknown	0	0	0	0	0
Kent	4	1	3	0	0
<20	0	0	0	0	0
20-24	1	0	1	0	0
25-34	2	0	2	0	0
35+	1	1	0	0	0
Unknown	0	0	0	0	0
New Castle	36	24	11	1	4
<20	5	3	2	0	0
20-24	7	2	5	0	1
25-34	17	14	3	0	1
35+	7	5	1	1	2
Unknown	0	0	0	0	0
Sussex	22	13	7	2	4
<20	2	2	0	0	0
20-24	5	2	2	1	1
25-34	10	5	4	1	2
35+	5	4	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.

Source:

Delaware Health Statistics Center

PRAGERACECTY

TABLE D-2
NUMBER FETAL DEATHS BY RACE, HISPANIC ORIGIN, AND EDUCATION OF WOMAN
DELAWARE, 2012

Education	Race-Hispanic Origin				
	All Races	White	Black	Other	Hispanic*
Total	62	38	21	3	8
<9	4	3	1	0	2
9 to 11	8	5	3	0	2
H.S. Grad	26	14	10	2	1
1 to 3 College	14	9	5	0	1
4+ College	8	6	2	0	1
Unknown	2	1	0	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, 2012

Area/ Marital Status	Race-Hispanic Origin				
	All Races	White	Black	Other	Hispanic*
Delaware	62	38	21	3	8
Married	25	18	5	2	3
Single	37	20	16	1	5
Kent	4	1	3	0	0
Married	2	1	1	0	0
Single	2	0	2	0	0
New Castle	36	24	11	1	4
Married	15	14	0	1	2
Single	21	10	11	0	2
Sussex	22	13	7	2	4
Married	8	3	4	1	1
Single	14	10	3	1	3

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, 2012

Area/ Weight	Race			
	All Races	White	Black	Other
Delaware	62	38	21	3
<500	19	11	6	2
500-749	10	6	4	0
750-999	5	3	2	0
1000-1499	7	5	1	1
1500-1999	4	3	1	0
2000-2499	2	1	1	0
2500+	15	9	6	0
Unknown	0	0	0	0
Kent	4	1	3	0
<500	1	0	1	0
500-749	0	0	0	0
750-999	0	0	0	0
1000-1499	0	0	0	0
1500-1999	0	0	0	0
2000-2499	0	0	0	0
2500+	3	1	2	0
Unknown	0	0	0	0
New Castle	36	24	11	1
<500	12	8	3	1
500-749	8	5	3	0
750-999	1	0	1	0
1000-1499	4	3	1	0
1500-1999	4	3	1	0
2000-2499	0	0	0	0
2500+	7	5	2	0
Unknown	0	0	0	0
Sussex	22	13	7	2
<500	6	3	2	1
500-749	2	1	1	0
750-999	4	3	1	0
1000-1499	3	2	0	1
1500-1999	0	0	0	0
2000-2499	2	1	1	0
2500+	5	3	2	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, 2012

Area/ Age	Race			
	All Races	White	Black	Other
Delaware	62	38	21	3
<20 Weeks	2	0	1	1
20-24 Weeks	19	12	6	1
25-29 Weeks	12	9	3	0
30-34 Weeks	12	7	4	1
35-39 Weeks	13	8	5	0
40+ Weeks	4	2	2	0
Unknown	0	0	0	0
Kent	4	1	3	0
<20 Weeks	0	0	0	0
20-24 Weeks	0	0	0	0
25-29 Weeks	0	0	0	0
30-34 Weeks	0	0	0	0
35-39 Weeks	3	1	2	0
40+ Weeks	1	0	1	0
Unknown	0	0	0	0
New Castle	36	24	11	1
<20 Weeks	2	0	1	1
20-24 Weeks	11	8	3	0
25-29 Weeks	9	6	3	0
30-34 Weeks	8	5	3	0
35-39 Weeks	4	4	0	0
40+ Weeks	2	1	1	0
Unknown	0	0	0	0
Sussex	22	13	7	2
<20 Weeks	0	0	0	0
20-24 Weeks	8	4	3	1
25-29 Weeks	3	3	0	0
30-34 Weeks	4	2	1	1
35-39 Weeks	6	3	3	0
40+ Weeks	1	1	0	0
Unknown	0	0	0	0

Note:

FDGESRAC

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, 1994-2012

Area/ Race	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	2008 -2012
Delaware														
All Races	6.9	7.1	7.6	8.1	8.1	7.9	8.2	8.0	7.5	7.5	7.6	7.4	7.4	7.6
White	5.6	5.6	5.8	6.2	6.3	6.3	6.2	6.2	6.0	5.9	5.7	5.6	5.5	5.3
Black	10.8	12.4	13.8	14.4	14.2	13.4	14.3	13.5	12.6	12.5	12.9	12.3	12.3	12.9
Kent														
All Races	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	7.1
White	5.6	6.0	6.2	8.1	7.8	7.3	6.9	5.9	3.6	3.8	3.7	4.4	4.8	5.1
Black	12.5	12.9	11.7	11.8	12.1	10.7	13.8	13.7	11.5	11.8	13.7	10.4	10.0	12.4
New Castle														
All Races	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	8.4
White	5.2	5.3	5.6	5.8	6.2	6.3	6.4	6.3	6.4	6.3	6.4	5.7	5.8	5.7
Black	11.2	13.7	15.3	16.3	15.9	14.9	15.0	14.1	13.4	13.2	12.7	13.1	13.7	13.6
Sussex														
All Races	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	5.9
White	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	4.5
Black	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	10.6

Note:

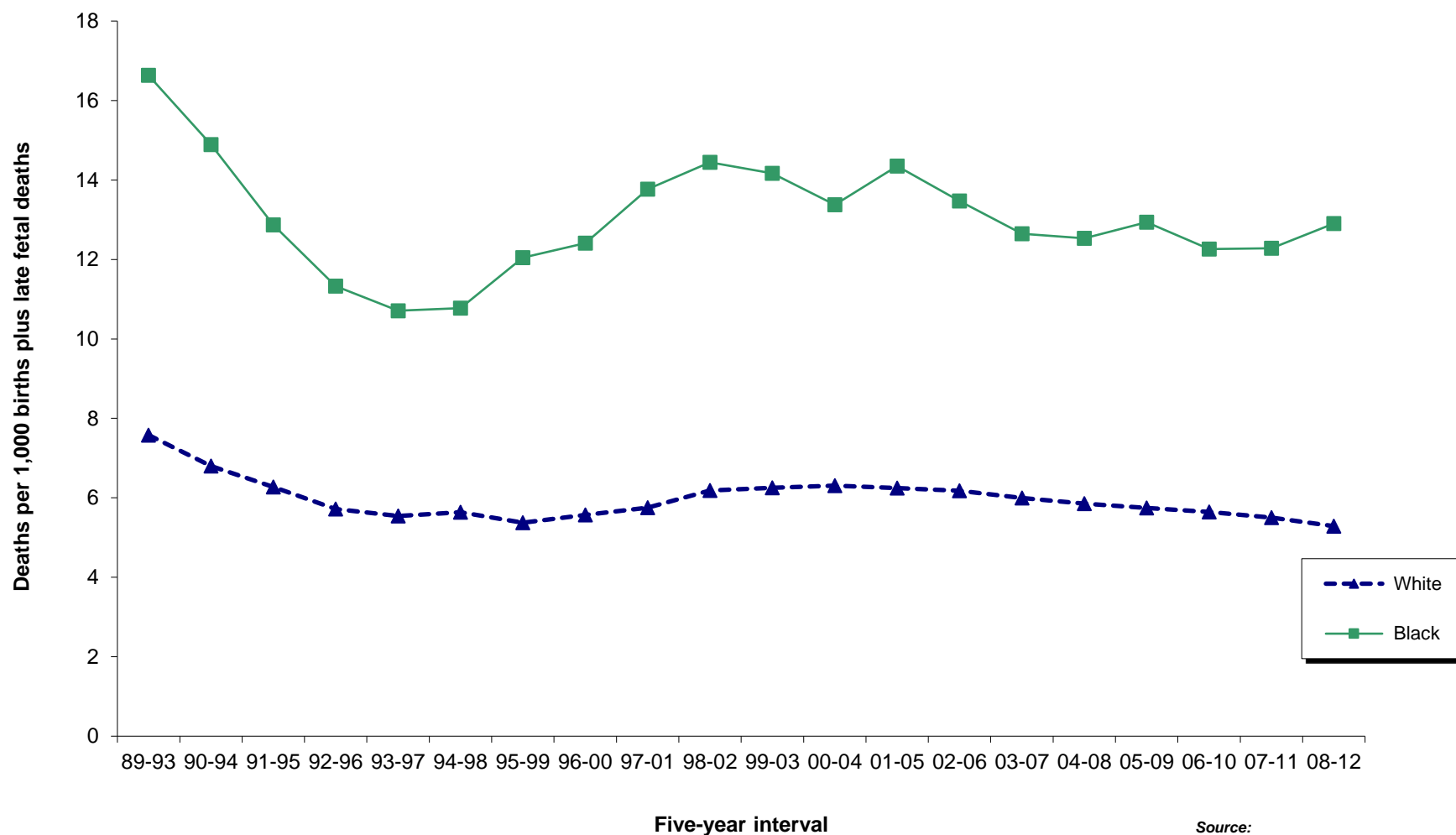
Perinatal mortality rate defined as: Infant deaths of less than 7 days and fetal deaths with gestation of 28 weeks or more, per 1,000 live births and specified fetal deaths.

Source:

Delaware Health Statistics Center

Peri_race

Figure D-1
Five-year Average Perinatal Mortality Rates by Race
Delaware, 1989-2012



Source:
Delaware Health Statistics Center