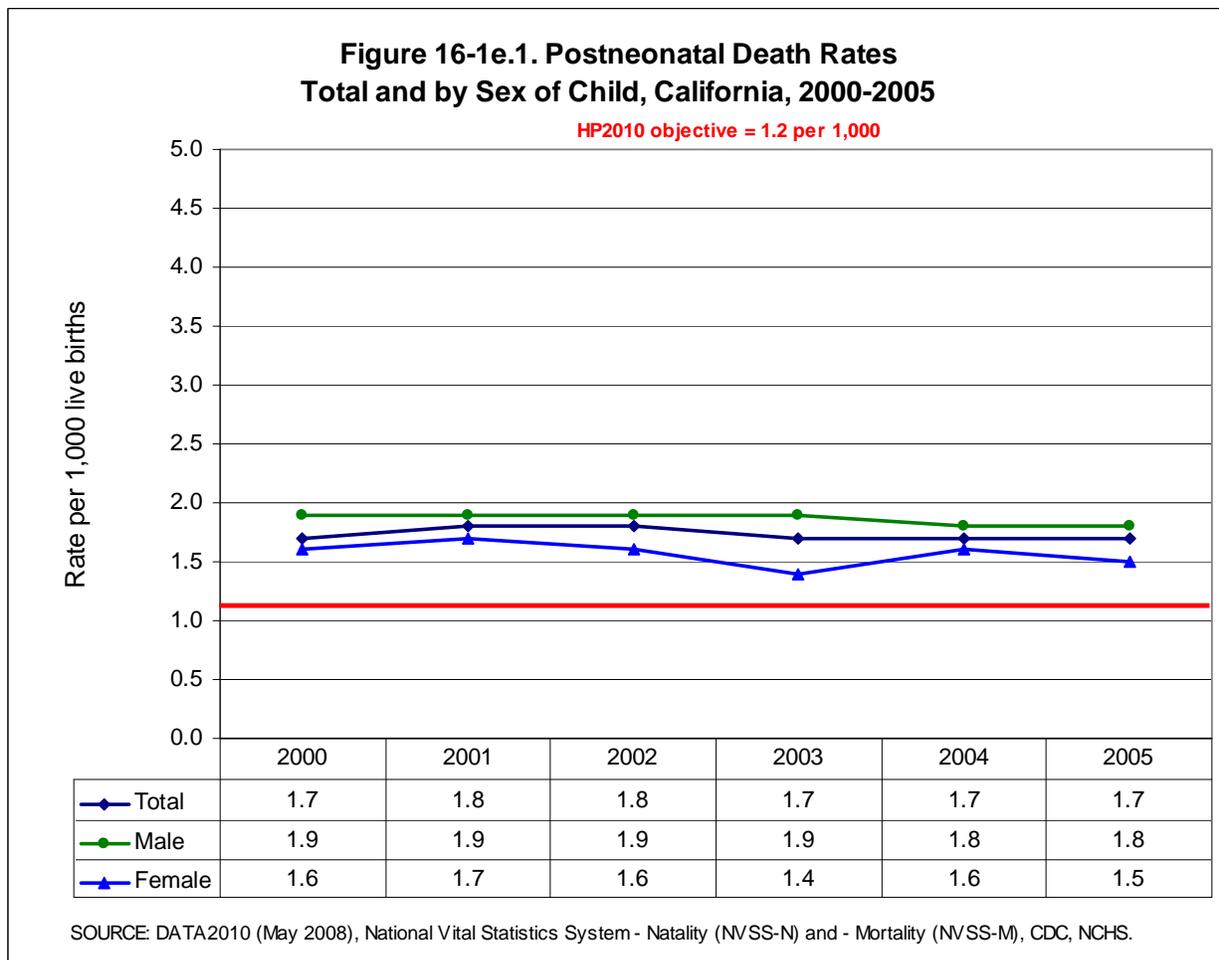


Focus Area 16: Maternal, Infant, and Child Health

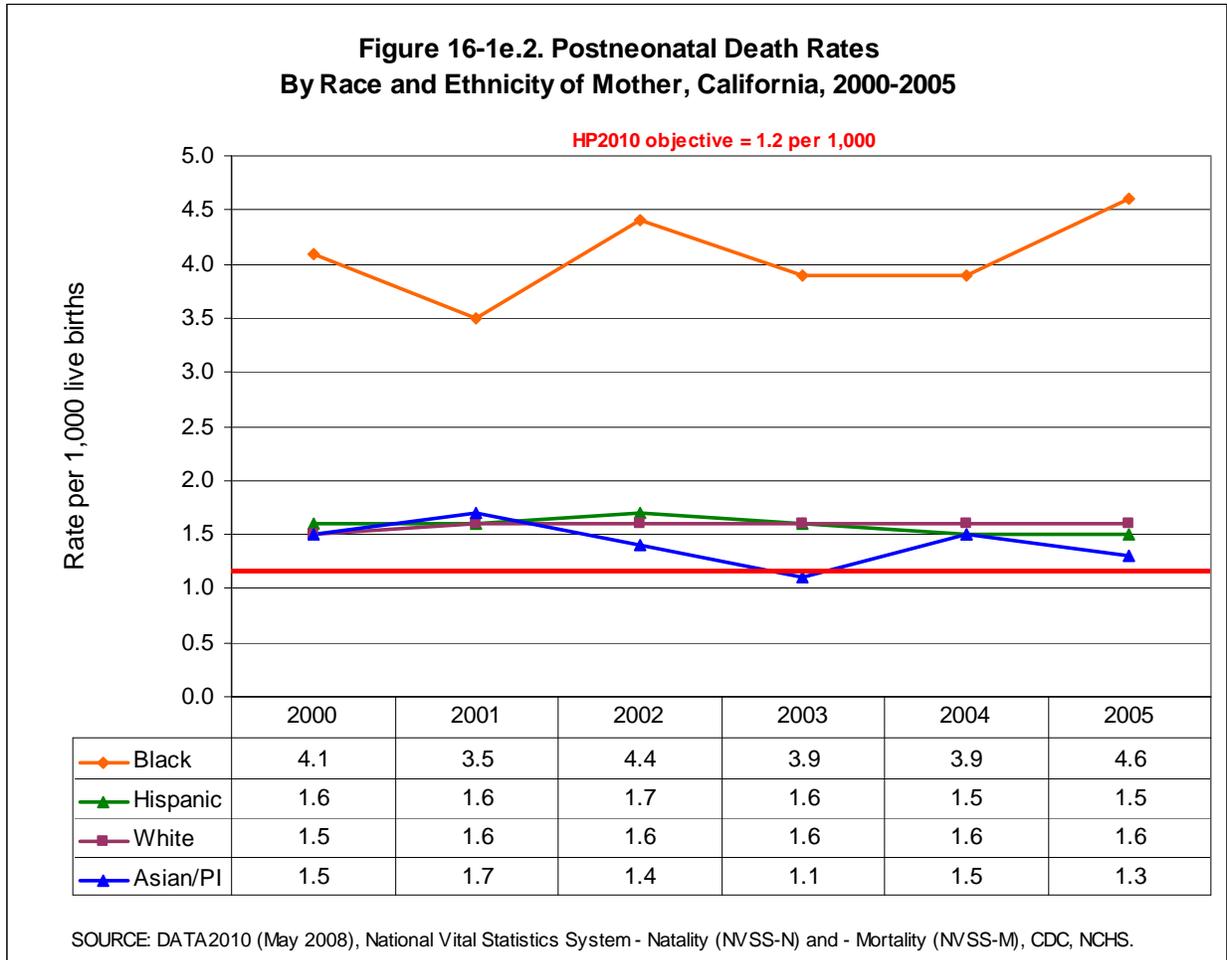
Objective 16-1e. Postneonatal deaths (between 28 days and 1 year). Target = 1.2 per 1,000 live births [State Data Source: National Vital Statistics System – Natality (NVSS-N) and – Mortality (NVSS-M), CDC, NCHS]

Based on data extracted from DATA2010, California's postneonatal death rate remained essentially unchanged between 2000 and 2005 (1.7 per 1,000 live births) (**Figure 16-1e.1, Table 16-1e**). No significant trend was found in the data, and this HP2010 objective had not yet been achieved for Californians as of 2005.

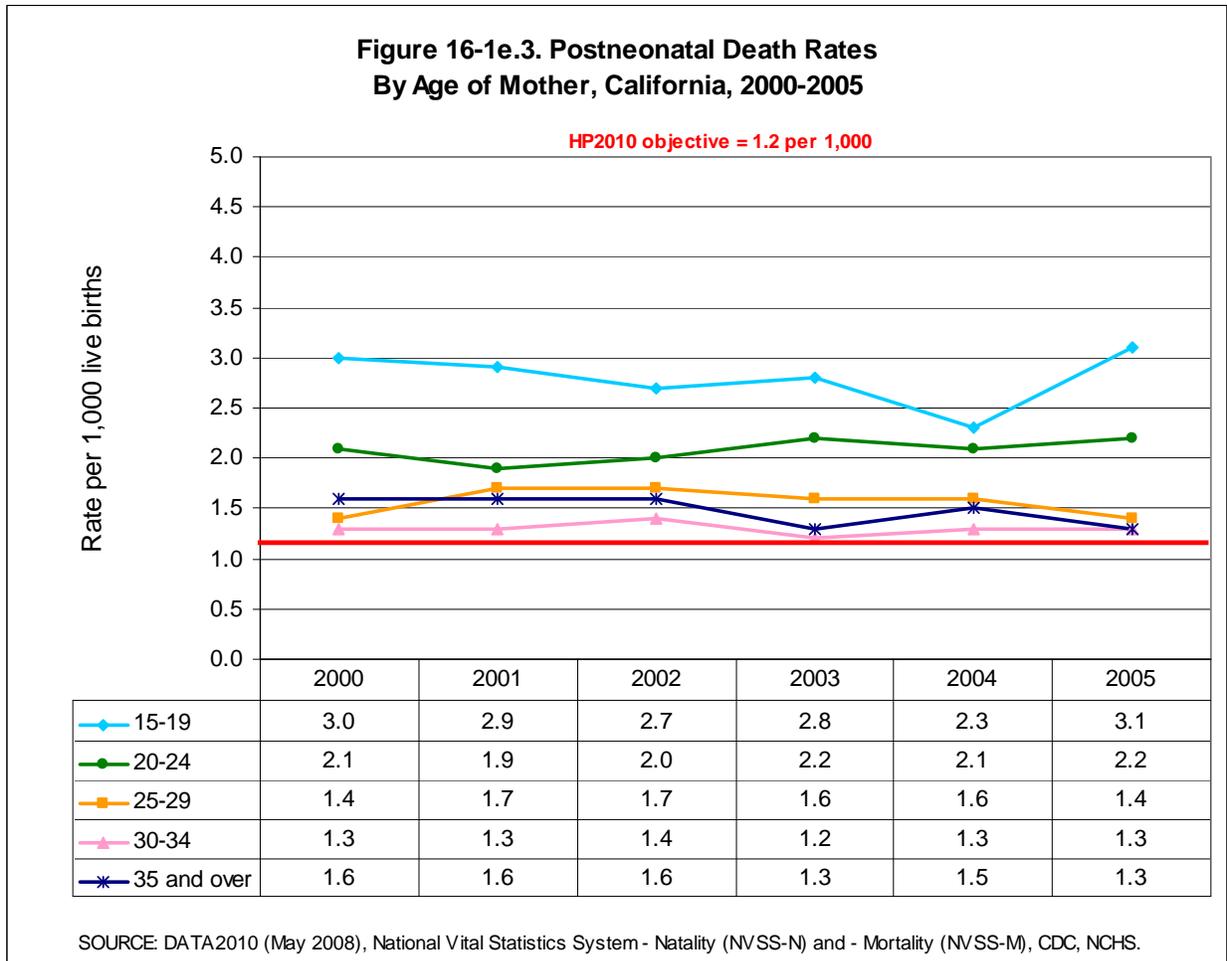


Postneonatal death rates for male infants (1.8 per 1,000 live births in 2005) were not significantly higher than rates for female infants (1.5 per 1,000 live births in 2005) (**Figure 16-1e.1, Table 16-1e**). The HP2010 objective was not yet being achieved for either male or female infants as of 2005, and no significant trends were found in the data for either gender.

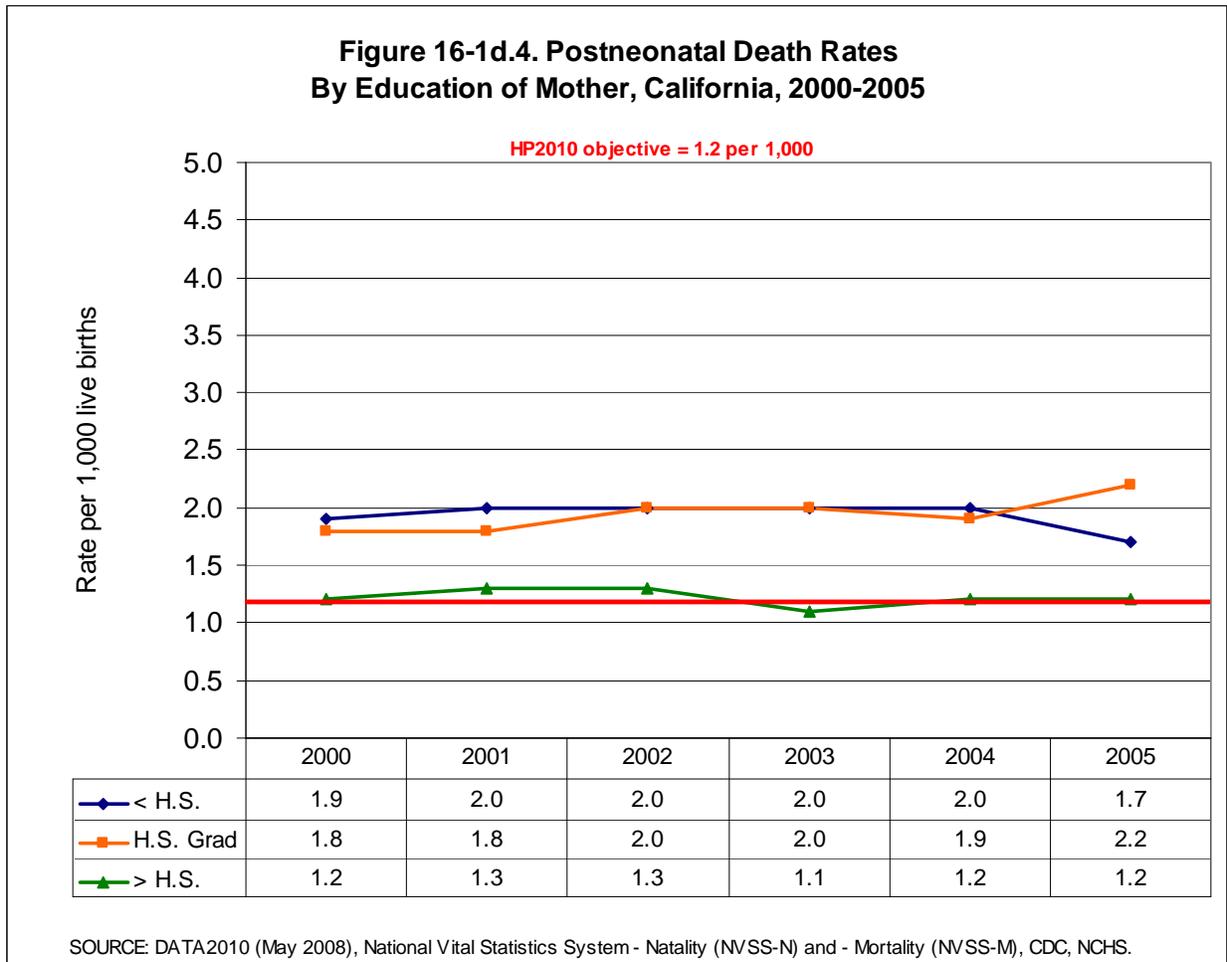
Data by race-ethnicity of the mother (**Figure 16-1e.2, Table 16-1e**) show that African Americans or Blacks experienced the highest postneonatal death rates (4.6 per 1,000 live births in 2005), followed by Whites (1.6 per 1,000 in 2005), by Hispanics or Latinas (1.5 per 1,000 in 2005), and by Asians or Pacific Islanders (PI) (1.3 per 1,000 in 2005) . The HP2010 objective was not yet being achieved for any of these racial or ethnic populations as of 2005, and no significant trends were found in the data. Postneonatal death rates for American Indians or Alaska Natives (AIAN) were unreliable due to the small number of events and are not reported here.



Examined by age of mother (**Figure 16-1e.3, Table 16-1e**), the highest reliable postneonatal death rates occurred for mothers aged 15 to 19 years (3.1 per 1,000 live births in 2005, a significant increase after a significant decline from 3.0 per 1,000 in 2000 to 2.3 per 1,000 in 2004). The next highest rates were found for mother's aged 20 to 24 years (2.2 per 1,000 live births in 2005, with no significant trend). The lowest postneonatal mortality rates were found for mothers in the older age groups, however this HP2010 objective was not being achieved for any maternal age group as of 2005.



Data by mother's education level (**Figure 16-1e.4, Table 16-1e**) for most years show a pattern of those with higher levels of education having lower postneonatal mortality rates. In 2005, however, mothers aged 20 years and older who were high school graduates had a higher postneonatal mortality rate (2.2 per 1,000 live births) than those with less than a high school education (1.7 per 1,000 live births). This HP2010 objective was being achieved only for mothers who had at least some college education.



For more information on postneonatal deaths in California, visit the Maternal, Child and Adolescent Health Branch Web site at:

<http://www.cdph.ca.gov/programs/MCAH/Pages/default.aspx>

For more information on Healthy People 2010 objective 16-1e, please visit:

<http://www.healthypeople.gov/Document/HTML/Volume2/16MICH.htm>

and the DATA2010 Web site at: <http://wonder.cdc.gov/data2010/>

Table 16-1e. Postneonatal Death Rates, California 2000-2005

	2000 Rate ¹	Lower 95% C.I.	Upper 95% C.I.	2001 Rate ¹	Lower 95% C.I.	Upper 95% C.I.	2002 Rate ¹	Lower 95% C.I.	Upper 95% C.I.
Statewide Total	1.7	1.5	1.9	1.8	1.6	2.0	1.8	1.6	2.0
Gender of Child									
Female	1.6	1.4	1.8	1.7	1.5	1.9	1.6	1.4	1.8
Male	1.9	1.7	2.1	1.9	1.7	2.1	1.9	1.7	2.1
Race-Ethnicity of Mother									
American Indian or Alaska Native	DSU	-----	-----	DSU	-----	-----	DSU	-----	-----
Asian or Pacific Islander	1.5	1.1	1.9	1.7	1.3	2.1	1.4	1.2	1.6
Black or African American	4.1	3.5	4.7	3.5	2.9	4.1	4.4	3.6	5.2
Hispanic or Latina	1.6	1.4	1.8	1.6	1.4	1.8	1.7	1.5	1.9
White	1.5	1.3	1.7	1.6	1.4	1.8	1.6	1.4	1.8
Age of Mother									
Under 15	DSU	-----	-----	DSU	-----	-----	DSU	-----	-----
15 - 19 years	3.0	2.6	3.4	2.9	2.5	3.3	2.7	2.3	3.1
20 - 24 years	2.1	1.9	2.3	1.9	1.7	2.1	2.0	1.8	2.2
25 - 29 years	1.4	1.2	1.6	1.7	1.5	1.9	1.7	1.5	1.9
30 - 34 years	1.3	1.1	1.5	1.3	1.1	1.5	1.4	1.2	1.6
35 years and older	1.6	1.4	1.8	1.6	1.4	1.8	1.6	1.4	1.8
Education Level of Mother									
Less than high school	1.9	1.7	2.1	2.0	1.8	2.2	2.0	1.8	2.2
High school graduate	1.8	1.6	2.0	1.8	1.6	2.0	2.0	1.8	2.2
Some college	1.2	1.0	1.4	1.3	1.1	1.5	1.3	1.1	1.5

	2003 Rate ¹	Lower 95% C.I.	Upper 95% C.I.	2004 Rate ¹	Lower 95% C.I.	Upper 95% C.I.	2005 Rate ¹	Lower 95% C.I.	Upper 95% C.I.
Statewide Total	1.7	1.5	1.9	1.7	1.5	1.9	1.7	1.5	1.9
Gender of Child									
Female	1.4	1.2	1.6	1.6	1.4	1.8	1.5	1.3	1.7
Male	1.9	1.7	2.1	1.8	1.6	2.0	1.8	1.6	2.0
Race-Ethnicity of Mother									
American Indian or Alaska Native	DSU	-----	-----	DSU	-----	-----	DSU	-----	-----
Asian or Pacific Islander	1.1	0.9	1.3	1.5	1.1	1.9	1.3	1.1	1.5
Black or African American	3.9	3.1	4.7	3.9	3.1	4.7	4.6	3.8	5.4
Hispanic or Latina	1.6	1.4	1.8	1.5	1.3	1.7	1.5	1.3	1.7
White	1.6	1.4	1.8	1.6	1.4	1.8	1.6	1.4	1.8
Age of Mother									
Under 15	DSU	-----	-----	DSU	-----	-----	DSU	-----	-----
15 - 19 years	2.8	2.4	3.2	2.3	1.9	2.7	3.1	2.7	3.5
20 - 24 years	2.2	2.0	2.4	2.1	1.9	2.3	2.2	2.0	2.4
25 - 29 years	1.6	1.4	1.8	1.6	1.4	1.8	1.4	1.2	1.6
30 - 34 years	1.2	1.0	1.4	1.3	1.1	1.5	1.3	1.1	1.5
35 years and older	1.3	1.1	1.5	1.5	1.3	1.7	1.3	1.1	1.5
Education Level of Mother									
Less than high school	2.0	1.8	2.2	2.0	1.8	2.2	1.7	1.5	1.9
High school graduate	2.0	1.8	2.2	1.9	1.7	2.1	2.2	2.0	2.4
Some college	1.1	0.9	1.3	1.2	1.0	1.4	1.2	1.0	1.4

SOURCES: DATA2010 (May 2008), CDC, NCHS; National Vital Statistics System - Mortality (NVSS-M) and National Vital Statistics System - Natality (NVSS-N), CDC, NCHS.

NOTES: ¹ Postneonatal death rates are deaths occurring between 28 days and one year of life per 1,000 live births from period-linked files; the 2005 period-linked file contains a numerator file that consists of all infant deaths occurring in 2005 that have been linked to their corresponding birth certificates, whether the birth occurred in 2004 or in 2005.

DSU Data statistically unreliable (Relative Standard Error greater than 23 percent).