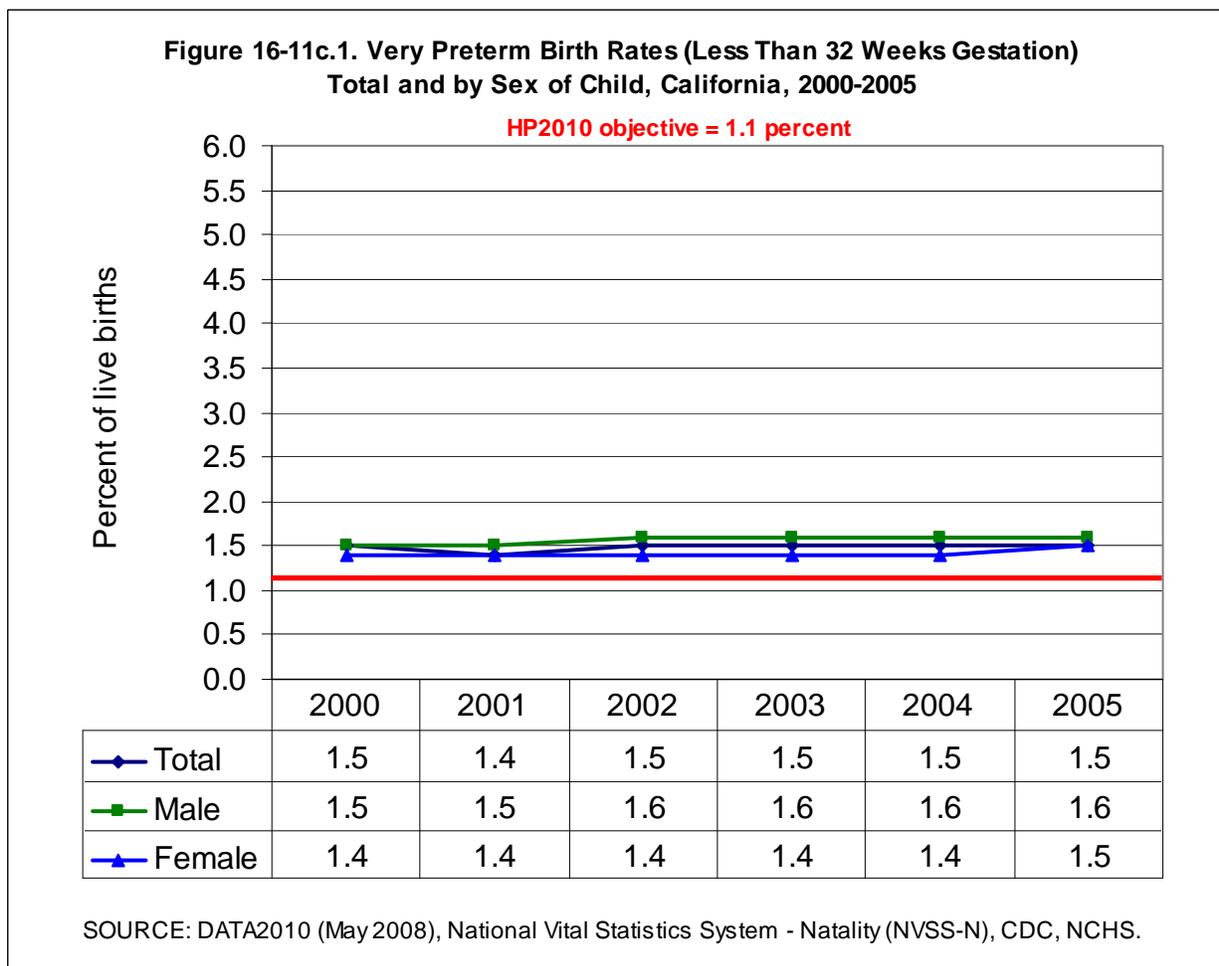


## Focus Area 16: Maternal, Infant, and Child Health

**Objective 16-11c. Reduce very preterm births of less than 32 weeks of gestation. Target = 1.1 percent [State Data Source: National Vital Statistics System – Natality (NVSS-N), CDC, NCHS]**

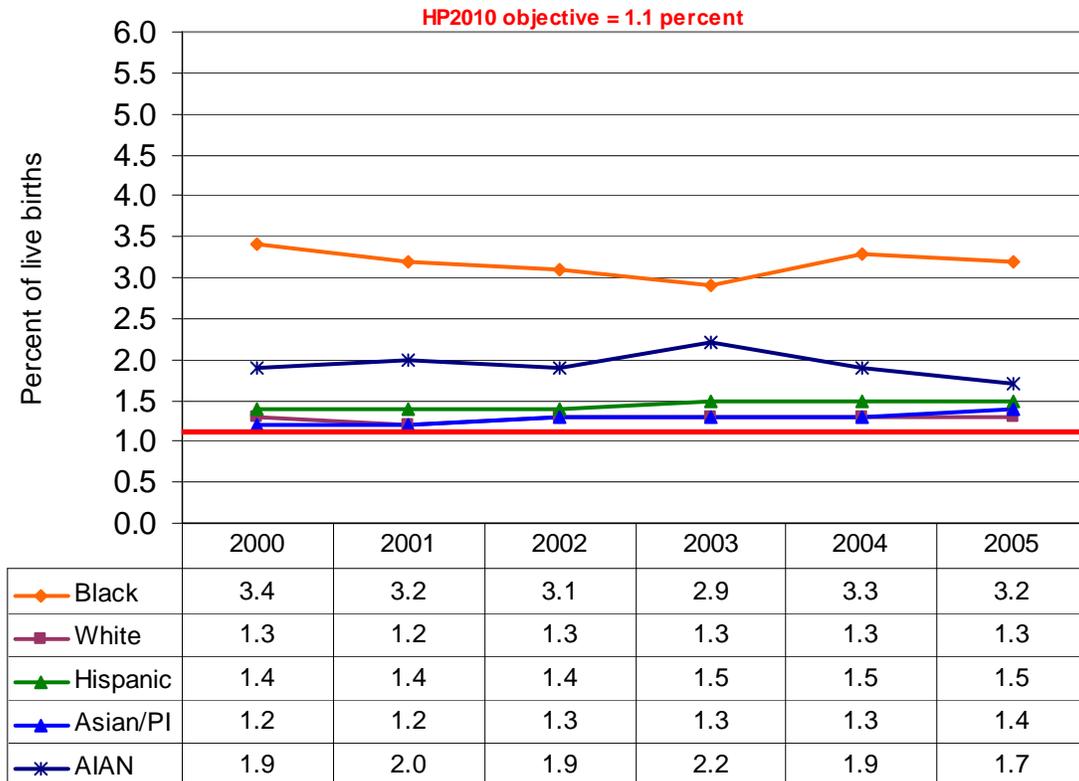
California’s rate of very preterm live births of less than 32 weeks gestation was 1.5 percent in 2005 with no statistically significant trend based on data extracted from DATA2010 (**Figure 16-11c.1, Table 16-11c**). California’s very preterm birth rates were higher than the HP2010 target of 1.1 percent, and this HP2010 objective has not yet been achieved.



Rates of very preterm births for male infants were not significantly higher than those for female infants in each year during the 2000-2005 time period (**Figure 16-11c.1, Table 16-11c**). The HP2010 objective was not being achieved for either gender of infants as of 2005, and no significant trends were found.

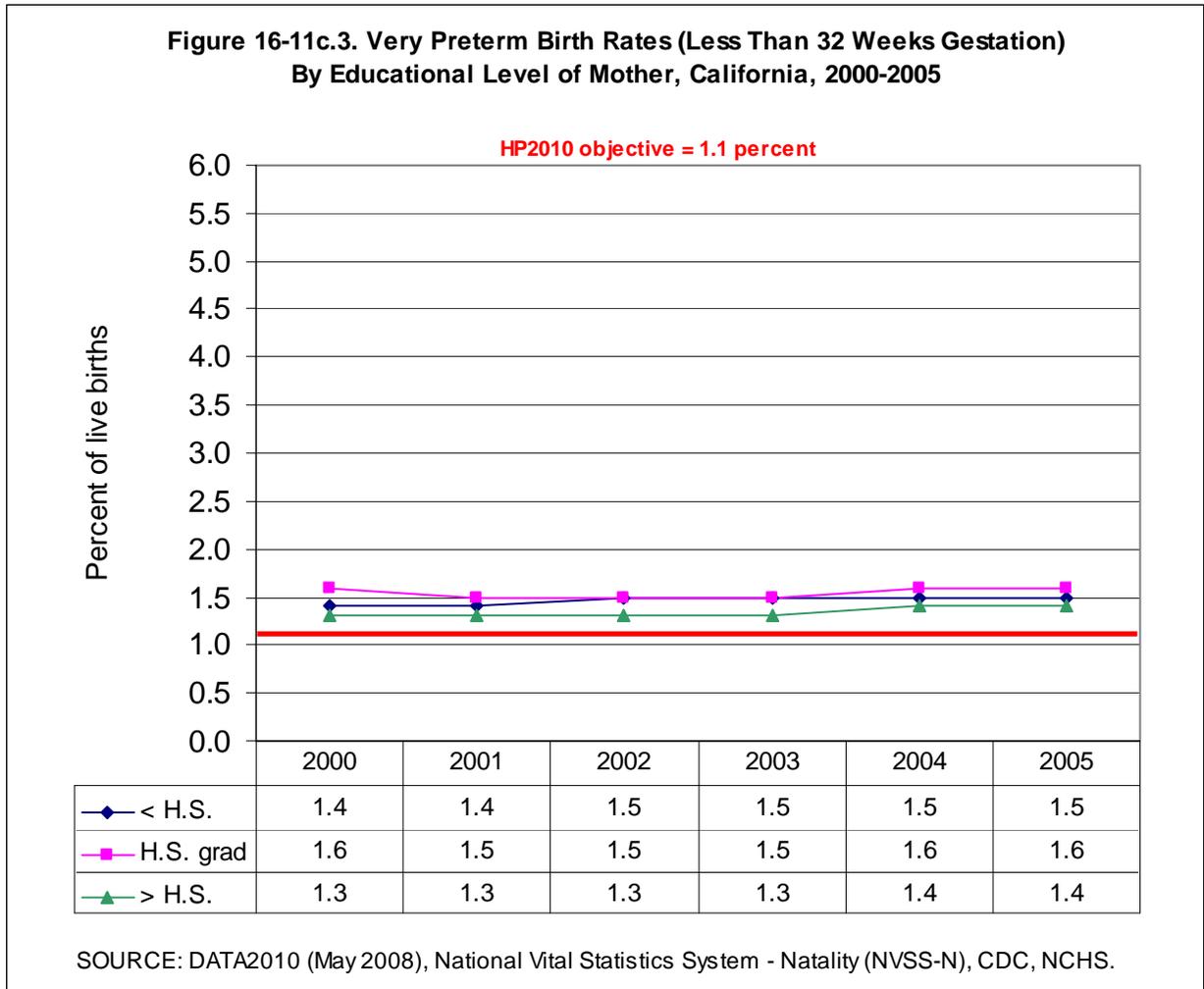
Data by race and ethnicity of the mother (**Figure 16-11c.2, Table 16-11c**) show that the highest rates of very preterm births were found for African Americans or Blacks (3.2 percent in 2005, with no significant trend). The next highest rates were found for American Indians or Alaska Natives (AIAN) (1.7 percent in 2005, with no significant trend). This HP2010 objective was not being achieved for mothers of any racial or ethnic group as of 2005.

**Figure 16-11c.2. Very Preterm Birth Rates (Less Than 32 Weeks Gestation)  
By Race and Ethnicity of Mother, California, 2000-2005**



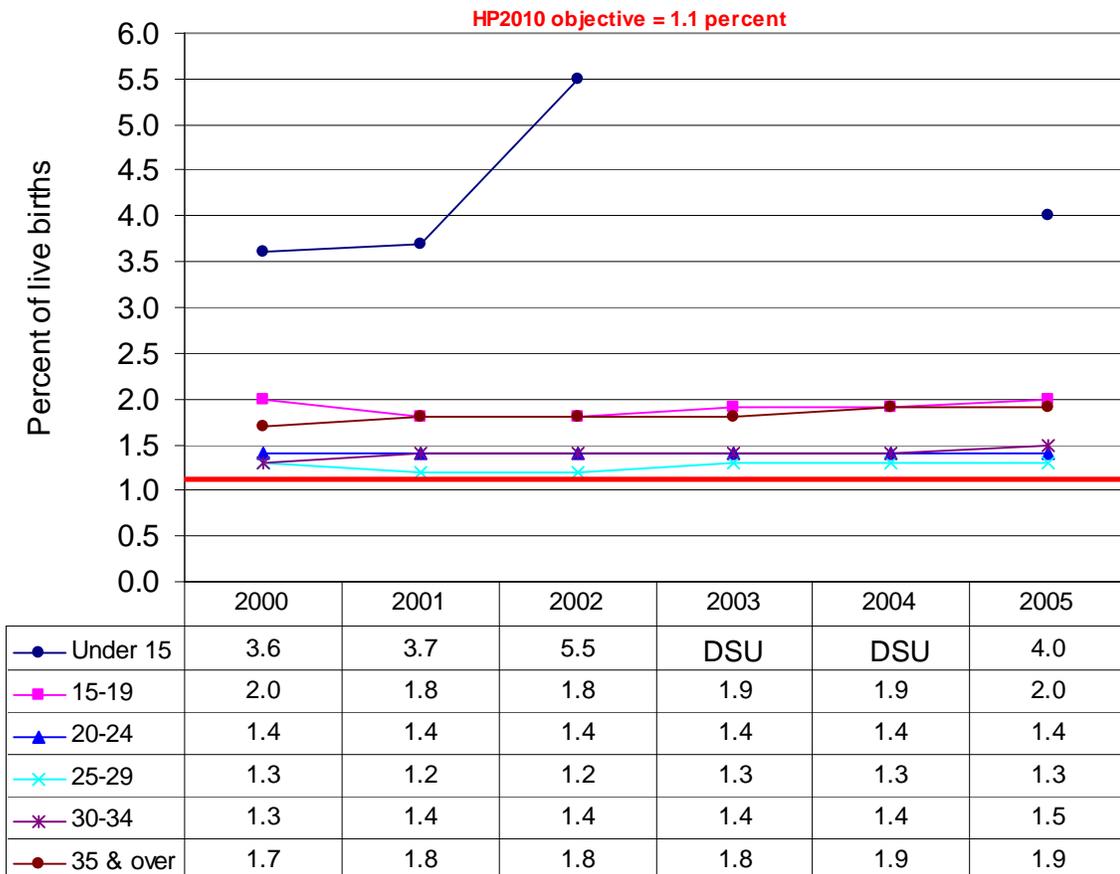
SOURCE: DATA2010 (May 2008), National Vital Statistics System - Natality (NVSS-N), CDC, NCHS.

Data by educational level of mother show the highest very preterm birth rates were for mothers who had graduated from high school (1.6 percent in 2005, with no significant trend) and the lowest rates were for those who had at least some college education (significant increase from 1.3 percent in 2000 to 1.4 percent in 2005) (**Figure 16-11c.3, Table 16-11c**). This HP2010 objective was not being achieved for mothers of any educational level as of 2005, and rates were moving away from the target.



Examined by age of the mother (**Figure 16-11c.4, Table 16-11c**), very preterm birth rates were highest for those under 15 years of age (4.0 percent in 2005). In 2005, the next highest rates were found for mothers aged 15-19 years (2.0 percent, with no significant trend) and those aged 35 and older (significant increase from 1.7 percent in 2000 to 1.9 percent in 2005). The HP2010 objective of 1.1 percent was not being achieved for any maternal age group as of 2005.

**Figure 16-11c.4. Very Preterm Birth Rates (Less Than 32 Weeks Gestation) By Age of Mother, California, 2000-2005**



SOURCE: DATA2010 (May 2008), National Vital Statistics System - Natality (NVSS-N), CDC, NCHS.  
NOTE: DSU = Data statistically unreliable due to the small number of events.

For more information on preterm births 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 16-11c, please visit:

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

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

Table 16-11c. Preterm Births - At Less Than 32 Completed Weeks Gestation, California 2000-200

	2000			2001			2002		
	Rate <sup>1</sup>	Lower 95% C.I.	Upper 95% C.I.	Rate <sup>1</sup>	Lower 95% C.I.	Upper 95% C.I.	Rate <sup>1</sup>	Lower 95% C.I.	Upper 95% C.I.
<b>Statewide Total</b>	1.5	1.5	1.5	1.4	1.4	1.4	1.5	1.5	1.5
<b>Sex of Child</b>									
Female	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Male	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6
<b>Race-Ethnicity of Mother</b>									
African American/Black	3.4	3.2	3.6	3.2	3.0	3.4	3.1	2.9	3.3
American Indian/Alaska Native	1.9	1.3	2.5	2.0	1.4	2.6	1.9	1.3	2.5
Asian/Pacific Islander	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3
Hispanic/Latina	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
White	1.3	1.3	1.3	1.2	1.2	1.2	1.3	1.3	1.3
<b>Maternal Age Group</b>									
Under 15	3.6	2.2	5.0	3.7	2.3	5.1	5.5	3.7	7.3
15 - 19	2.0	1.8	2.2	1.8	1.6	2.0	1.8	1.6	2.0
20 - 24	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
25 - 29	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2
30 - 34	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4
35 and over	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8
<b>Education Level of Mother</b>									
Less than high school	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5
High school graduate	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5
Some college	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

	2003			2004			2005		
	Rate <sup>1</sup>	Lower 95% C.I.	Upper 95% C.I.	Rate <sup>1</sup>	Lower 95% C.I.	Upper 95% C.I.	Rate <sup>1</sup>	Lower 95% C.I.	Upper 95% C.I.
<b>Statewide Total</b>	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
<b>Sex of Child</b>									
Female	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5
Male	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
<b>Race-Ethnicity of Mother</b>									
African American/Black	2.9	2.7	3.1	3.3	3.1	3.5	3.2	3.0	3.4
American Indian/Alaska Native	2.2	1.6	2.8	1.9	1.3	2.5	1.7	1.3	2.1
Asian/Pacific Islander	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4
Hispanic/Latina	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
White	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
<b>Maternal Age Group</b>									
Under 15	DSU	-----	-----	DSU	-----	-----	4.0	2.6	5.4
15 - 19	1.9	1.7	2.1	1.9	1.7	2.1	2.0	1.8	2.2
20 - 24	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
25 - 29	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
30 - 34	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5
35 and over	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9
<b>Education Level of Mother</b>									
Less than high school	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
High school graduate	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6
Some college	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4

SOURCE: DATA2010 (May 2008), CDC, NCHS; National Vital Statistics System - Natality (NVSS-N).

NOTES: <sup>1</sup> Percent of all live births that were less than 32 weeks gestation.

DSU Data statistically unreliable due to small number of events.