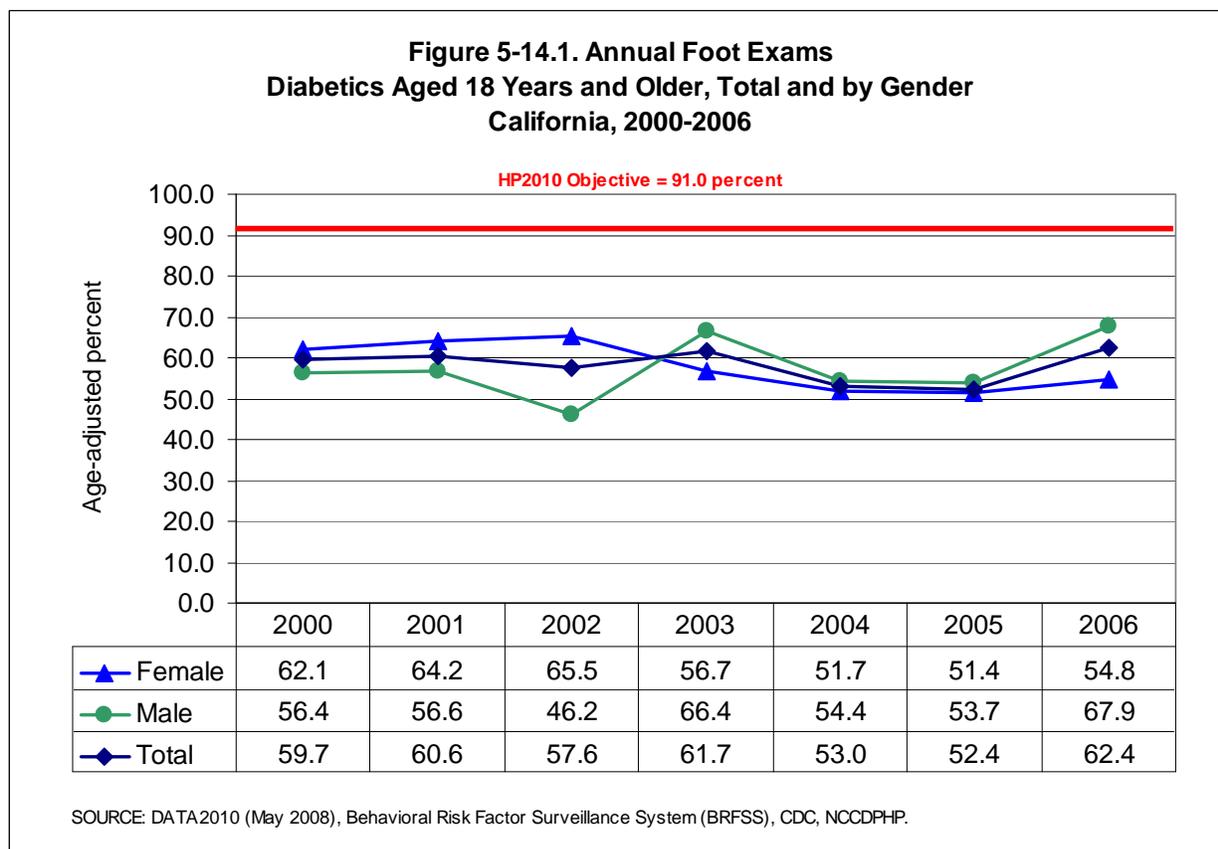


## Focus Area 5: Diabetes

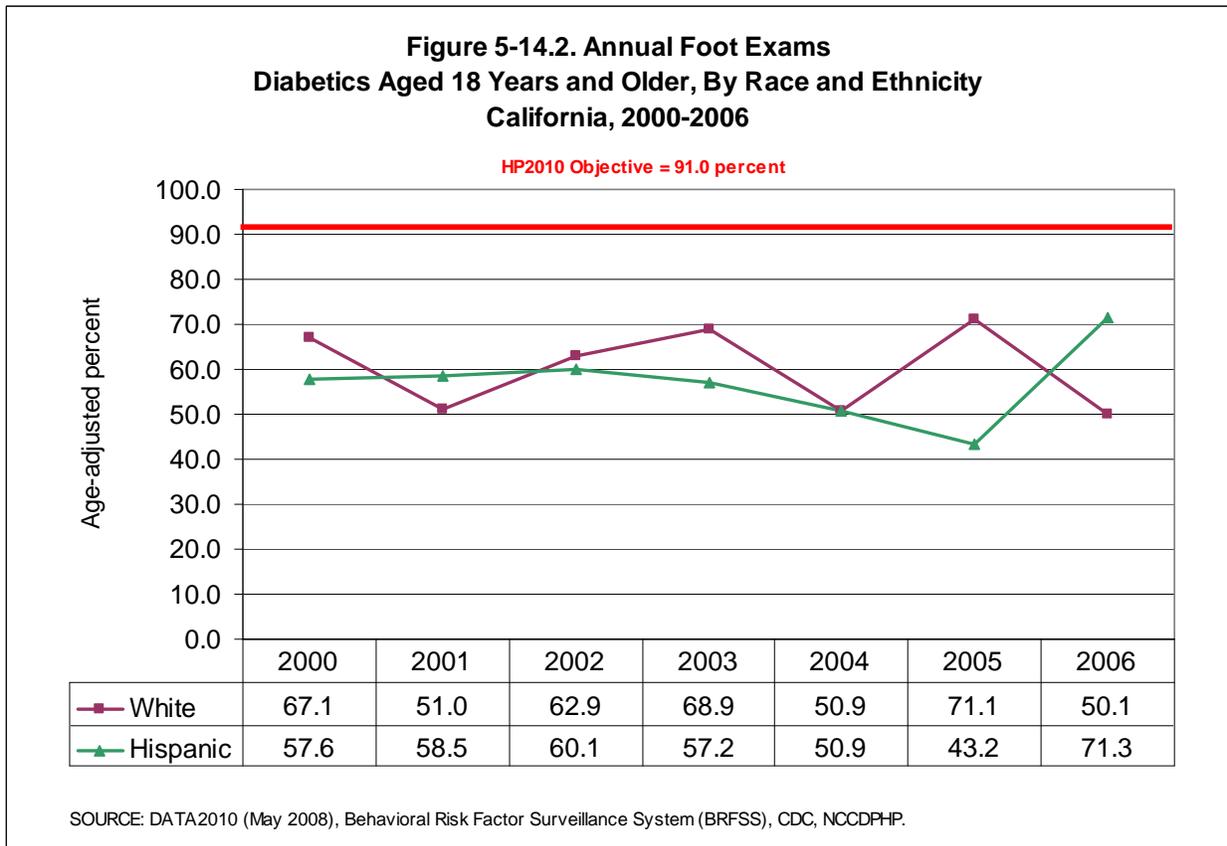
**Objective 5-14. Increase the proportion of adults with diabetes who have at least an annual foot examination. Target = 91.0 percent (age-adjusted, ages 18 years and over) [State Data Source: Behavioral Risk Factor Surveillance System (BRFSS), CDC, NCCDPHP]**

Data available for Californians aged 18 years and older with diabetes who reported that they have seen a health professional for diabetes and have had their feet checked for any sores or irritations indicate an overall increase of 2.7 percentage points from 59.7 percent in 2000 to 62.4 percent in 2006 (**Figure 5-14.1, Table 5-14**). The HP2010 objective was not being achieved for the total adult diabetic population as of 2006, and no significant trend was found in the data.



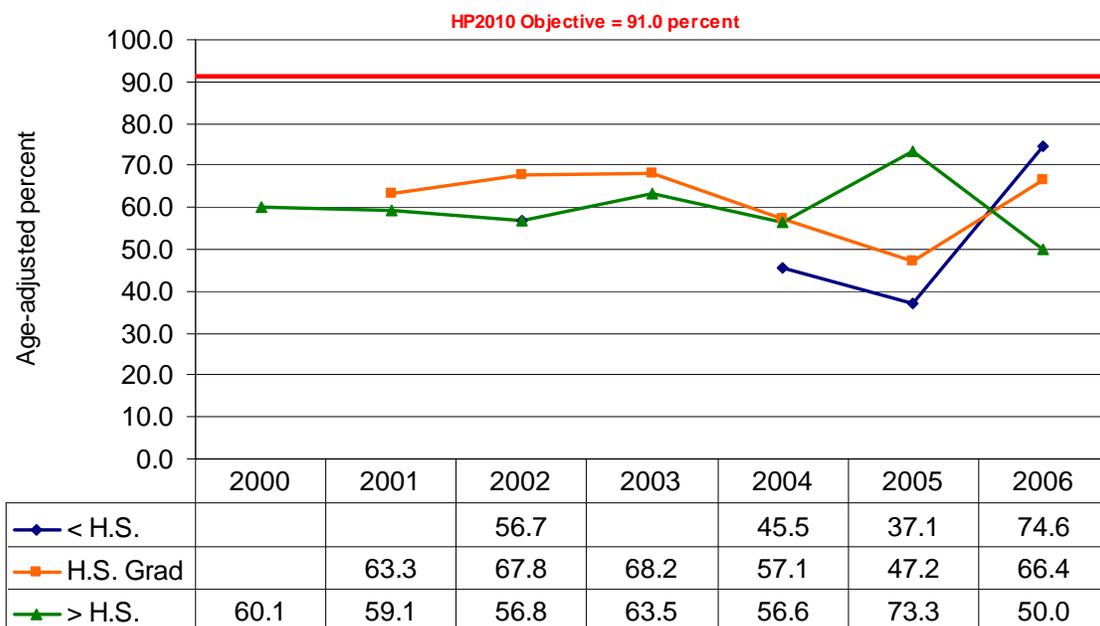
Data by gender indicate an overall decline in the rate of annual foot exams for adult female diabetics from 62.1 percent in 2000 to 54.8 percent in 2006, and an overall increase for adult male diabetics from 56.4 percent in 2000 to 67.9 percent in 2006 (**Figure 5-14.1, Table 5-14**). This HP2010 objective was not being achieved for either gender as of 2006.

Reliable data were only available for Whites and for Hispanics or Latinos, and no significant trends were found for either population (**Figure 5-14.2, Table 5-14**). White diabetics experienced an overall decline of 17.0 percentage points in annual foot exams overall from 67.1 percent in 2000 to 50.1 percent in 2006, while Hispanic or Latino diabetics experienced an increase of 13.7 percentage points from 57.6 percent in 2000 to 71.3 percent in 2006. The HP2010 objective was not being achieved for either racial or ethnic population as of 2006.



Diabetics with less than a high school education experienced significantly higher proportions having annual foot exams (74.6 percent in 2006) than either those who had graduated from high school (66.4 percent in 2006) or those with at least some college education (50.0 percent in 2006) (**Figure 5-14.3, Table 5-14**). This is the reverse of the pattern observed in 2005, when increasing proportions having annual foot exams were found for diabetics with increasing levels of education. The HP2010 objective was not being achieved for diabetics aged 25 years and over of any educational level as of 2006, and no significant trend was found for any group that had a sufficient number of data points to perform trend analysis.

**Figure 5-14.3. Annual Foot Exams  
Diabetics Aged 25 Years and Older, By Educational Status  
California, 2000-2006**



SOURCE: DATA2010 (May 2008), Behavioral Risk Factor Surveillance System (BRFSS), CDC, NCCDPHP.

Table 5-14. Persons with Diabetes Who Had Annual Foot Examinations, Ages 18 Years and Older, California, 2000-2006

	2000			2001			2002			2003		
	Percent <sup>1</sup>	Lower 95% C.I.	Upper 95% C.I.	Percent <sup>1</sup>	Lower 95% C.I.	Upper 95% C.I.	Percent <sup>1</sup>	Lower 95% C.I.	Upper 95% C.I.	Percent <sup>1</sup>	Lower 95% C.I.	Upper 95% C.I.
<b>Statewide Total</b>	59.7	46.8	72.6	60.6	51.2	70.0	57.6	47.4	67.8	61.7	53.3	70.1
<b>Gender</b>												
Male	56.4	38.6	74.2	56.6	42.1	71.1	46.2	32.1	60.3	66.4	55.8	77.0
Female	62.1	48.8	75.4	64.2	52.6	75.8	65.5	54.3	76.7	56.7	43.6	69.8
<b>Race-Ethnicity</b>												
American Indian or Alaska Native (AIAN)	DNC	-----	-----	DSU	-----	-----	DSU	-----	-----	DSU	-----	-----
Asian or Pacific Islander (PI)	DNC	-----	-----	DSU	-----	-----	DSU	-----	-----	DSU	-----	-----
Black or African American	DSU	-----	-----									
Hispanic or Latino	57.6	38.6	76.6	58.5	42.2	74.8	60.1	44.8	75.4	57.2	43.7	70.2
Multiracial (2 or more races)	DNC	-----	-----	DSU	-----	-----	DSU	-----	-----	DSU	-----	-----
White	67.1	51.6	82.6	51.0	35.5	66.5	62.9	47.6	78.2	68.9	57.3	80.5
<b>Education Level<sup>2</sup></b>												
Less than high school	DSU	-----	-----	DSU	-----	-----	56.7	38.7	74.7	DSU	-----	-----
High school graduate	DSU	-----	-----	63.3	48.8	77.8	67.8	51.1	84.5	68.2	55.9	80.5
At least some college	60.1	45.4	74.8	59.1	44.8	73.4	56.8	42.7	70.9	63.5	53.3	73.7

	2004			2005			2006		
	Percent <sup>1</sup>	Lower 95% C.I.	Upper 95% C.I.	Percent <sup>1</sup>	Lower 95% C.I.	Upper 95% C.I.	Percent <sup>1</sup>	Lower 95% C.I.	Upper 95% C.I.
<b>Statewide Total</b>	53.0	43.6	62.4	52.4	41.8	63.0	62.4	53.4	71.4
<b>Gender</b>									
Male	54.4	40.3	68.5	53.7	38.4	69.0	67.9	56.7	79.1
Female	51.7	40.3	63.1	51.4	39.6	63.2	54.8	42.8	66.8
<b>Race-Ethnicity</b>									
American Indian or Alaska Native (AIAN)	DSU	-----	-----	DSU	-----	-----	DSU	-----	-----
Asian or Pacific Islander (PI)	DSU	-----	-----	DSU	-----	-----	DSU	-----	-----
Black or African American	DSU	-----	-----	DSU	-----	-----	DSU	-----	-----
Hispanic or Latino	50.9	35.0	66.8	43.2	27.5	58.9	71.3	58.2	84.4
Multiracial (2 or more races)	DSU	-----	-----	DSU	-----	-----	DSU	-----	-----
White	50.9	38.4	63.4	71.1	58.8	83.4	50.1	36.6	63.6
<b>Education Level<sup>2</sup></b>									
Less than high school	45.5	25.9	65.1	37.1	25.1	49.1	74.6	60.7	88.5
High school graduate	57.1	37.5	76.7	47.2	32.3	62.1	66.4	53.7	79.1
At least some college	56.6	45.6	67.6	73.3	64.5	82.1	50.0	39.4	60.6

SOURCES: DATA2010 (May 2008 Edition), Behavioral Risk Factor Surveillance System, (BRFSS), CDC, National Center for Chronic Disease Prevention and Health Promotion (NCCDPHP).

NOTES: <sup>1</sup> Age-adjusted by the direct method using the 2000 U.S. Standard Population; <sup>2</sup> Data for persons aged 25 years and older. DSU = Data Statistically Unreliable: data do not meet criteria for statistical reliability, data quality, or confidentiality. DNC = Data Not Collected.

For more information on diabetes, visit the CDPH Diabetes Program Web site at: <http://www.cdph.ca.gov/programs/diabetes/Pages/default.aspx>

For more information on Healthy People 2010 objective 5-14, please visit: <http://www.healthypeople.gov/Document/HTML/Volume1/05Diabetes.htm>

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