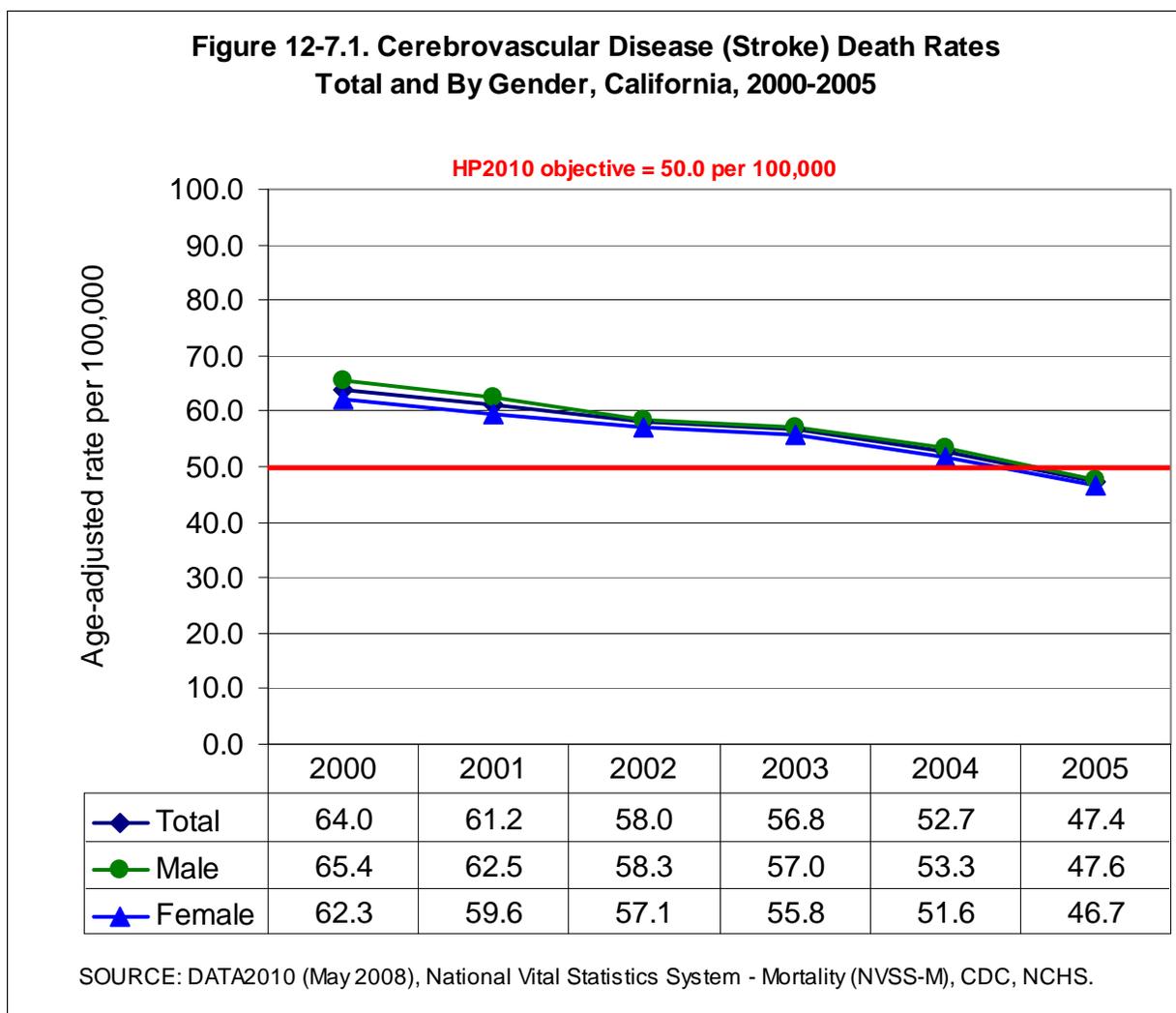


## Focus Area 12: Heart Disease and Stroke

**Objective 12-7. Reduce deaths due to cerebrovascular disease (stroke). Target = 50.0 per 100,000 population (age-adjusted) [State Data Source: National Vital Statistics System – Mortality (NVSS-M), CDC, NCHS]**

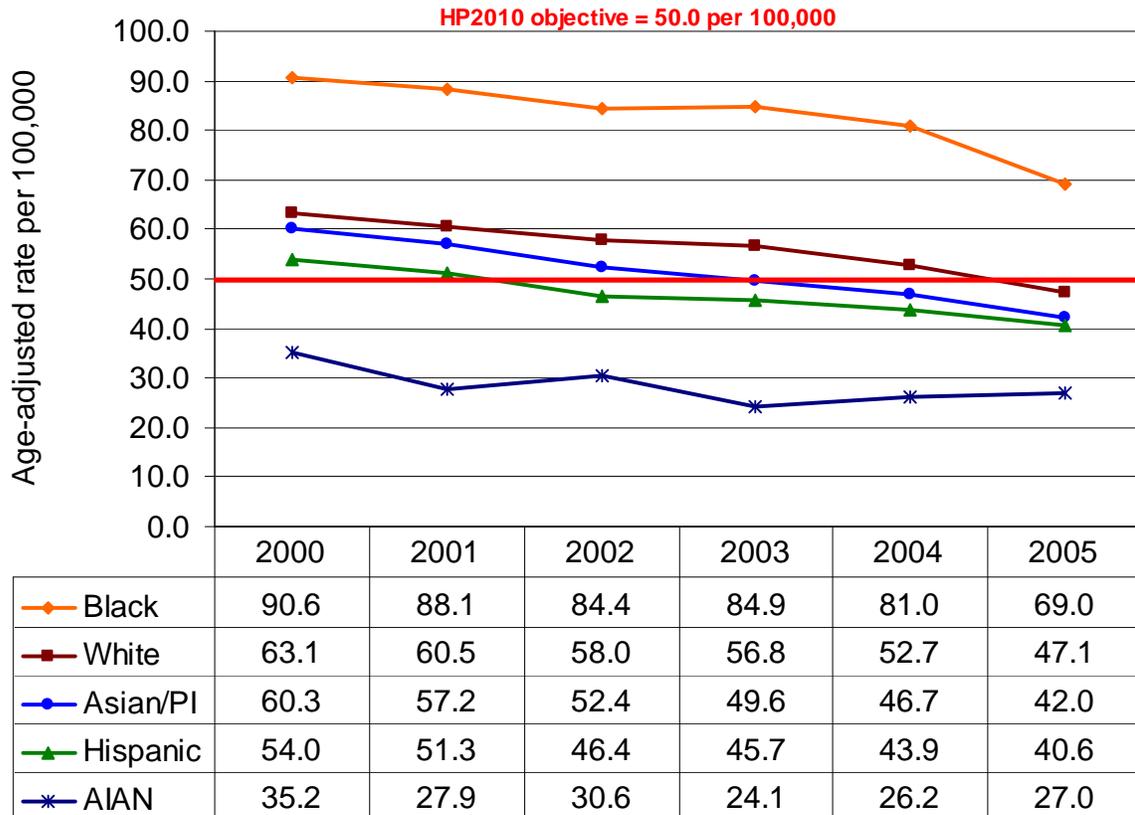
California's age-adjusted death rates for stroke declined significantly from 64.0 per 100,000 population in 2000 to 47.4 per 100,000 in 2005 (**Figure 12-7.1, Table 12-7**). This HP2010 objective was being achieved for all Californians as of 2005.



Gender disparity in age-adjusted stroke death rates declined from 3.1 per 100,000 in 2000 to 0.9 per 100,000 in 2005) (**Figure 12-7.1, Table 12-7**). Stroke death rates declined significantly for both genders between 2000 and 2005, and the HP2010 objective was being achieved for both males and females as of 2005.

California data by race and ethnicity show that Blacks or African Americans had significantly higher age-adjusted stroke death rates than any other racial or ethnic population: 69.0 per 100,000 in 2005 (**Figure 12-7.2, Table 12-7**). Although stroke death rates for Blacks or African Americans declined significantly between 2000 and 2005, the HP2010 objective was not being achieved for this population. The objective for stroke death rates was being achieved for all other racial and ethnic populations in California as of 2005: Whites (47.1 per 100,000); Asians or Pacific Islanders (PI) (42.0 per 100,000); Hispanics or Latinos (40.6 per 100,000); and American Indians or Alaska Natives (AIAN) (27.0 per 100,000).

**Figure 12-7.2. Cerebrovascular Disease (Stroke) Death Rates By Race and Ethnicity, California, 2000-2005**



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

Table 12-7. Stroke Death Rates, California, 2000-2005

	2000			2001			2002		
	Rate	Lower 95% C.I.	Upper 95% C.I.	Rate	Lower 95% C.I.	Upper 95% C.I.	Rate	Lower 95% C.I.	Upper 95% C.I.
<b>Statewide Total</b>	64.0	63.0	65.0	61.2	60.2	62.2	58.0	57.2	58.8
<b>Gender</b>									
Female	62.3	61.1	63.5	59.6	58.4	60.8	57.1	55.9	58.3
Male	65.4	63.8	67.0	62.5	61.1	63.9	58.3	56.9	59.7
<b>Race-Ethnicity</b>									
American Indian or Alaska Native (AIAN)	35.2	26.2	44.2	27.9	20.1	35.7	30.6	22.8	38.4
Asian or Pacific Islander (PI)	60.3	57.2	63.4	57.2	54.5	59.9	52.4	49.9	54.9
Black or African American	90.6	85.7	95.5	88.1	83.4	92.8	84.4	79.7	89.1
Hispanic or Latino	54.0	51.5	56.5	51.3	48.9	53.7	46.4	44.2	48.6
White	63.1	62.1	64.1	60.5	59.5	61.5	58.0	57.0	59.0

	2003			2004			2005		
	Rate	Lower 95% C.I.	Upper 95% C.I.	Rate	Lower 95% C.I.	Upper 95% C.I.	Rate	Lower 95% C.I.	Upper 95% C.I.
<b>Statewide Total</b>	56.8	56.0	57.6	52.7	51.9	53.5	47.4	46.6	48.2
<b>Gender</b>									
Female	55.8	54.8	56.8	51.6	50.6	52.6	46.7	45.7	47.7
Male	57.0	55.6	58.4	53.3	51.9	54.7	47.6	46.4	48.8
<b>Race-Ethnicity</b>									
American Indian or Alaska Native (AIAN)	24.1	17.6	30.6	26.2	19.5	32.9	27.0	20.9	33.1
Asian or Pacific Islander (PI)	49.6	47.2	52.0	46.7	44.3	49.1	42.0	39.8	44.2
Black or African American	84.9	80.4	89.4	81.0	76.5	85.5	69.0	64.9	73.1
Hispanic or Latino	45.7	43.5	47.9	43.9	41.9	45.9	40.6	38.8	42.4
White	56.8	55.8	57.8	52.7	51.7	53.7	47.1	46.1	48.1

SOURCES: DATA2010 (May 2008 Edition), National Vital Statistics System - Mortality (NVSS-M), CDC, NCHS.

NOTES: Stroke (cerebrovascular disease) deaths defined by ICD10 codes I60-I69; rates are per 100,000 population, age-adjusted by the direct method using the 2000 U.S. Standard Population.

For more information on stroke in California, visit the California Heart Disease and Stroke Prevention Program Web site at:

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

For more information on Healthy People 2010 objective 12-7, please visit:

<http://www.healthypeople.gov/Document/HTML/Volume1/12Heart.htm>

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