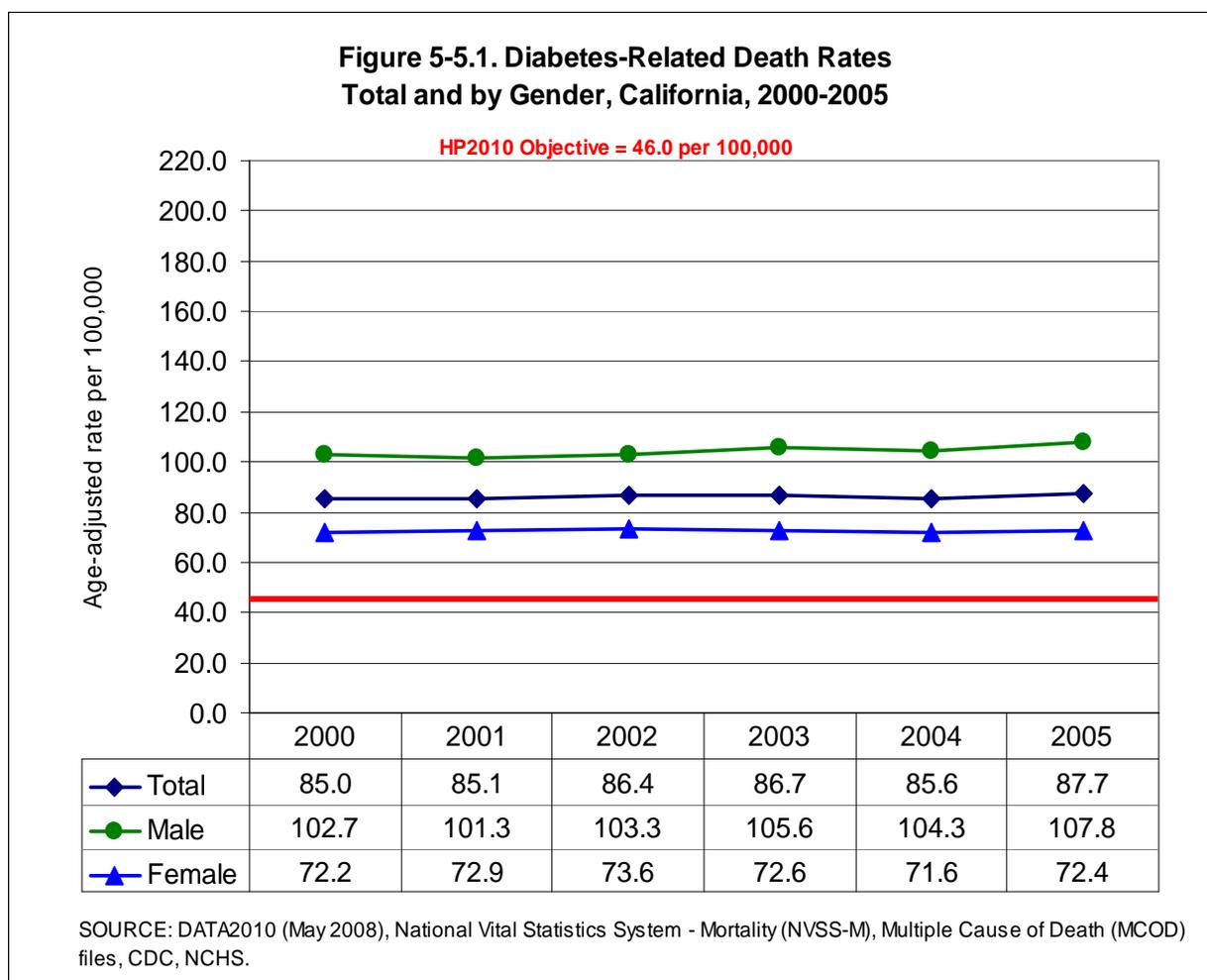


Focus Area 5: Diabetes

Objective 5-5: Reduce the diabetes-related death rate. Target = 46.0 per 100,000 population (age-adjusted) [State Data Source: National Vital Statistics System – Mortality (NVSS-M), Multiple Cause of Death (MCO) files, CDC, NCHS] NOTE: Diabetes-related deaths as defined in this HP2010 objective include deaths having diabetes listed as either an underlying or a contributing cause of death (ICD-10 codes E10-E14).

California's age-adjusted rates for diabetes-related deaths increased overall from 85.0 per 100,000 population in 2000 to 87.7 per 100,000 in 2005, with no significant trend (**Figure 5-5.1, Table 5-5**). California's diabetes-related death rates remained significantly higher than the HP2010 objective of 46.0 per 100,000 population, and this objective had not yet been achieved.



Age-adjusted diabetes-related death rates for males were significantly higher than rates for females, and both were significantly higher than the HP2010 target of 46.0 per 100,000 (**Figure 5-5.1, Table 5-5**). The death rates for males increased significantly from 102.7 per 100,000 in 2000 to 107.8 per 100,000 in 2005, compared with a

non-significant trend in female rates from 72.2 per 100,000 in 2000 to 72.4 per 100,000 in 2005. This HP2010 objective had not yet been achieved for either males or females as of 2005.

Data by race and ethnicity (**Figure 5-5.2, Table 5-5**) show that the highest age-adjusted diabetes-related death rates were for African Americans or Blacks (179.1 per 100,000 in 2005), followed by Hispanics or Latinos (116.3 per 100,000 in 2005). A statistically significant increase was found for Whites, from 74.4 per 100,000 in 2000 to 76.3 per 100,000 in 2005. The lowest rate was found for American Indians or Alaska Natives (AIAN) (67.2 per 100,000 in 2005). This HP2010 objective was not being achieved for any racial or ethnic population as of 2005.

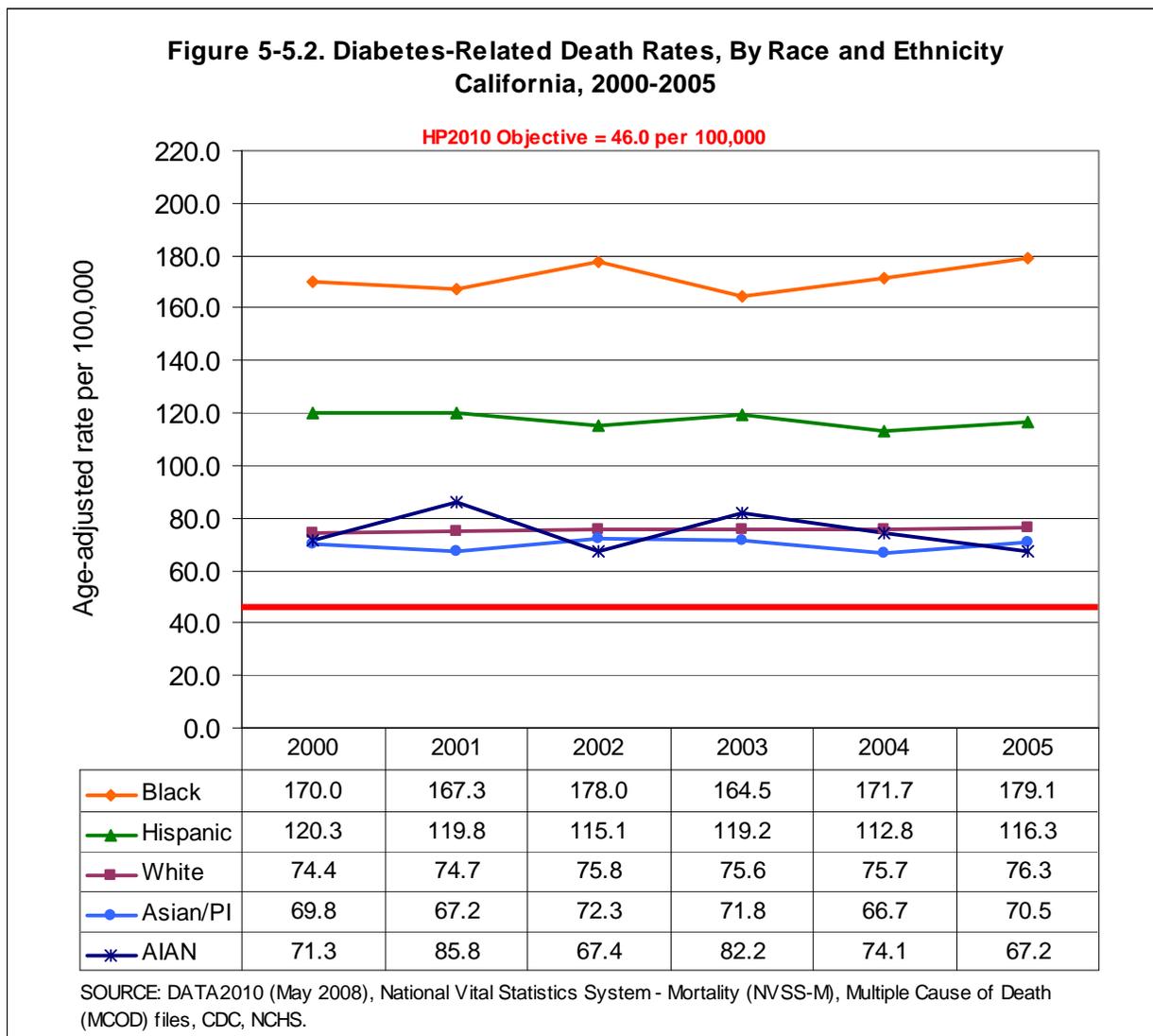


Table 5-5. Diabetes-Related Deaths and Death Rates, California, 2000-2005

	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.
Statewide Total	85.0	84.0	86.0	85.1	84.1	86.1	86.4	85.4	87.4
Gender									
Female	72.2	70.8	73.6	72.9	71.5	74.3	73.6	72.4	74.8
Male	102.7	100.9	104.5	101.3	99.5	103.1	103.3	101.5	105.1
Race-Ethnicity									
American Indian or Alaska Native (AIAN)	71.3	59.1	83.5	85.8	72.9	98.7	67.4	56.6	78.2
Asian or Pacific Islander (PI)	69.8	66.7	72.9	67.2	64.3	70.1	72.3	69.4	75.2
Black or African American	170.0	163.5	176.5	167.3	160.8	173.8	176.0	169.5	182.5
Hispanic or Latino	120.3	116.8	123.8	119.8	116.3	123.3	115.1	111.8	118.4
White	74.4	73.2	75.6	74.7	73.5	75.9	75.8	74.6	77.0

	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.
Statewide Total	86.7	85.7	87.7	85.6	84.6	86.6	87.7	86.7	88.7
Gender									
Female	72.6	71.4	73.8	71.6	70.4	72.8	72.4	71.2	73.6
Male	105.6	103.8	107.4	104.3	102.5	106.1	107.8	106.0	109.6
Race-Ethnicity									
American Indian or Alaska Native (AIAN)	82.2	70.6	93.8	74.1	63.5	84.7	67.2	57.6	76.8
Asian or Pacific Islander (PI)	71.8	68.9	74.7	66.7	64.0	69.4	70.5	67.8	73.2
Black or African American	164.5	158.2	170.8	171.7	165.4	178.0	179.1	172.6	185.6
Hispanic or Latino	119.2	116.1	122.3	112.8	109.9	115.7	116.3	113.4	119.2
White	75.6	74.4	76.8	75.7	74.5	76.9	76.3	75.1	77.5

SOURCES: DATA2010 (May 2008 Edition), National Vital Statistics System - Mortality (NVSS-M), Multiple Cause-of-Death (MCO) files, CDC, NCHS.
 NOTES: Diabetes-related deaths defined by ICD10 codes E10-E14 as an underlying or contributing cause of death; rates are per 100,000 population, age-adjusted by the direct method using the 2000 U.S. Standard Population.

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 5-5, please visit:
<http://www.healthypeople.gov/Document/HTML/Volume1/05Diabetes.htm>

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