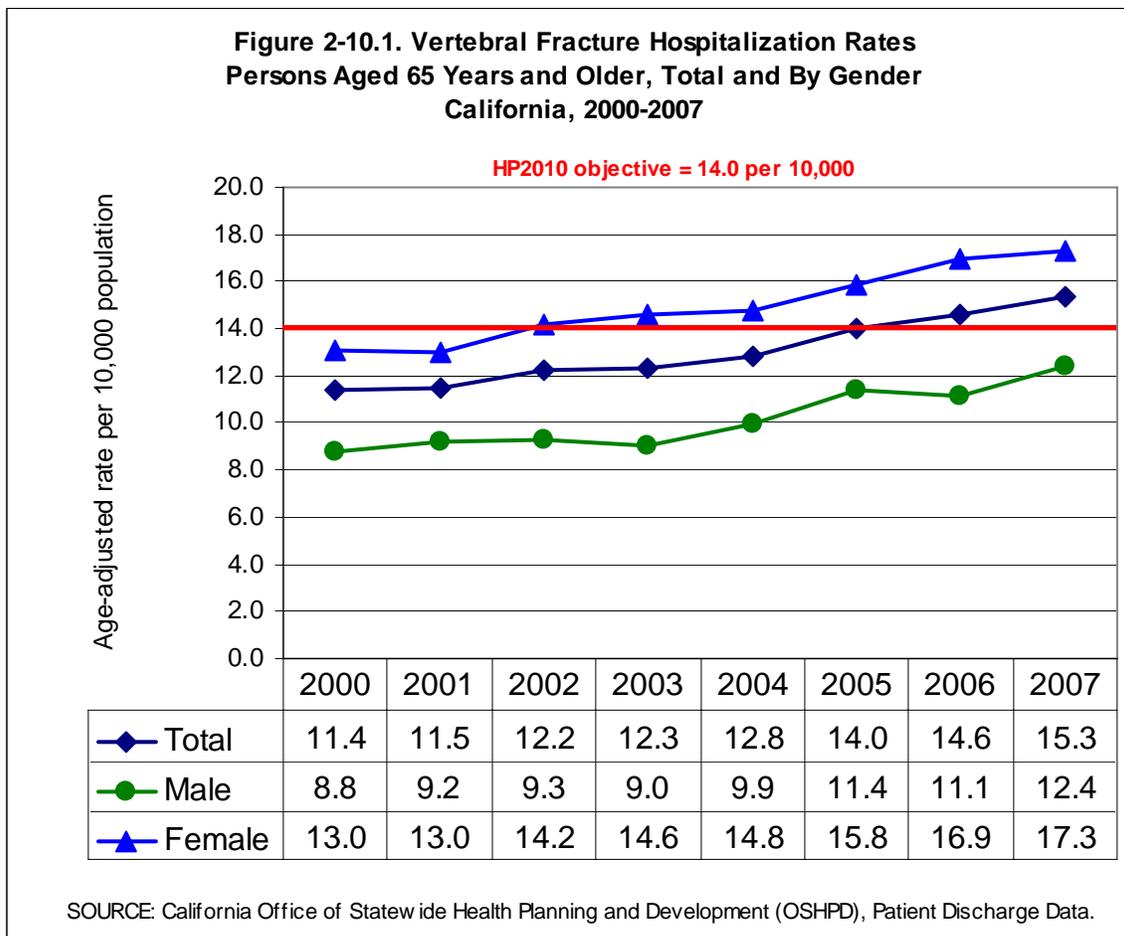


## Focus Area 2: Arthritis, Osteoporosis, and Chronic Back Conditions

**Objective 2-10: Hospitalizations for vertebral fractures associated with osteoporosis. Target = 14.0 per 10,000 population aged 65 years and older (age-adjusted) [State Data Source: California Office of Statewide Health Planning and Development (OSHPD), Patient Discharge Data]**

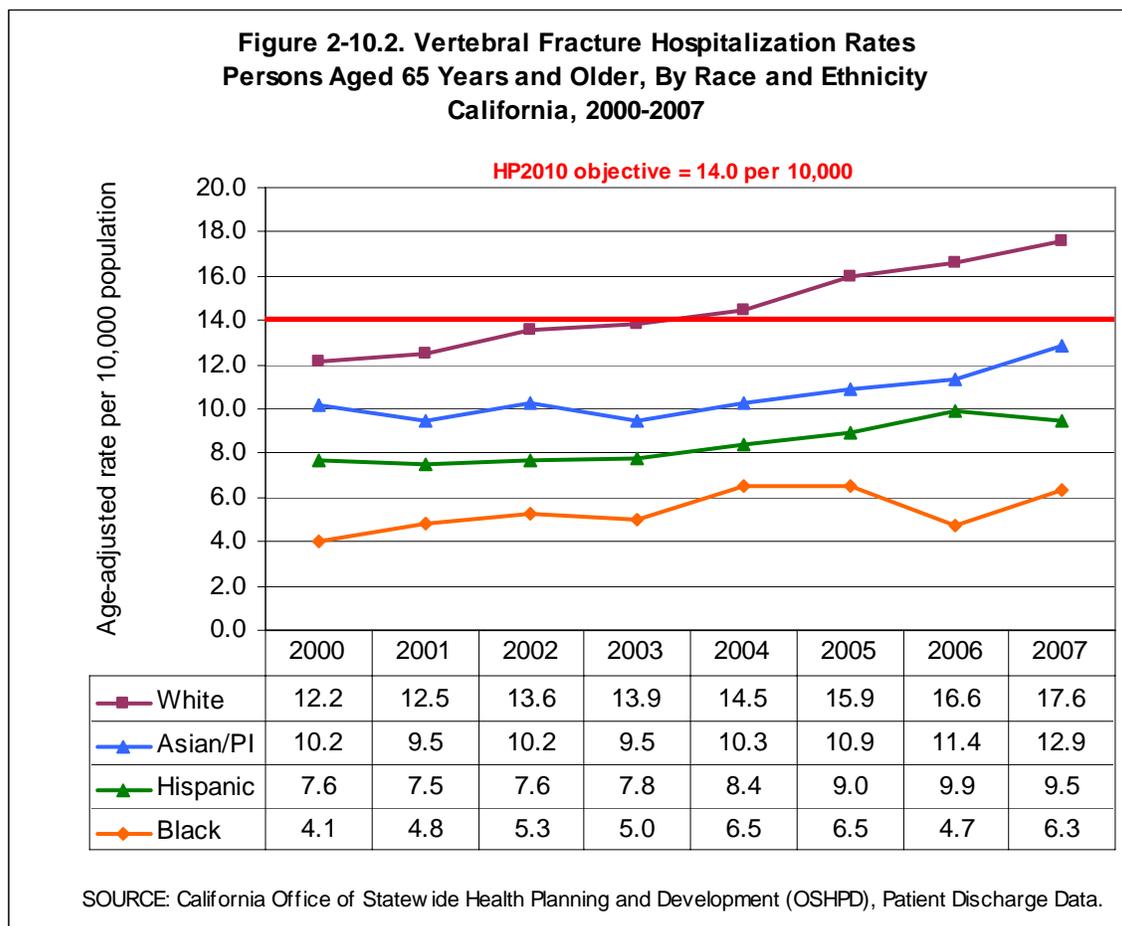
A statistically significant increase in hospital discharge rates was found for California residents aged 65 and older with a diagnosis of vertebral fracture in the Principal Diagnosis field or in any of seven first-listed Other Diagnosis fields of the hospital discharge record (**Figure 2-10.1**). Rates increased significantly from 11.4 per 10,000 population in 2000 to 15.3 per 10,000 in 2007. The HP2010 objective was not being achieved for the total California population as of 2007, and the trend is moving away from the HP2010 target.



Data by gender show that females aged 65 and older experienced significantly higher age-adjusted hospitalization rates for vertebral fractures than males (17.8 per 10,000 females in 2007 versus 12.9 per 10,000 males) (**Figure 2-10.1**). Rates for females aged 65 years and older have increased significantly away

from the HP2010 target, and rates for males have also been increasing significantly but have remained below the HP2010 target for all years 2000-2007.

Examined by race and ethnicity (**Figure 2-10.2**), the highest vertebral fracture hospitalization rates were observed for Whites, with a significant increase from 12.2 per 10,000 in 2000 to 17.6 per 10,000 in 2007. Although rates have been consistently below the HP2010 target for Asians or Pacific Islanders (PI) and for Hispanics or Latinos aged 65 and older, they were found to be increasing significantly for these populations. The lowest rates were found for African Americans or Blacks, with no significant trend. Hospital discharge rates for American Indians or Alaska Natives (AIAN) were unreliable due to the small number of events, and it remains unknown whether the HP2010 objective will be met for this population. This HP2010 objective was being achieved for all racial and ethnic populations in California as of 2007, except for Whites.



For more information on Healthy People 2010 objective 2-10, please visit:  
<http://www.healthypeople.gov/Document/HTML/Volume1/02Arthritis.htm>

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

and the California Arthritis Partnership Program (CAPP) Web site at:  
<http://www.cdph.ca.gov/programs/CAPP/Pages/default.aspx>