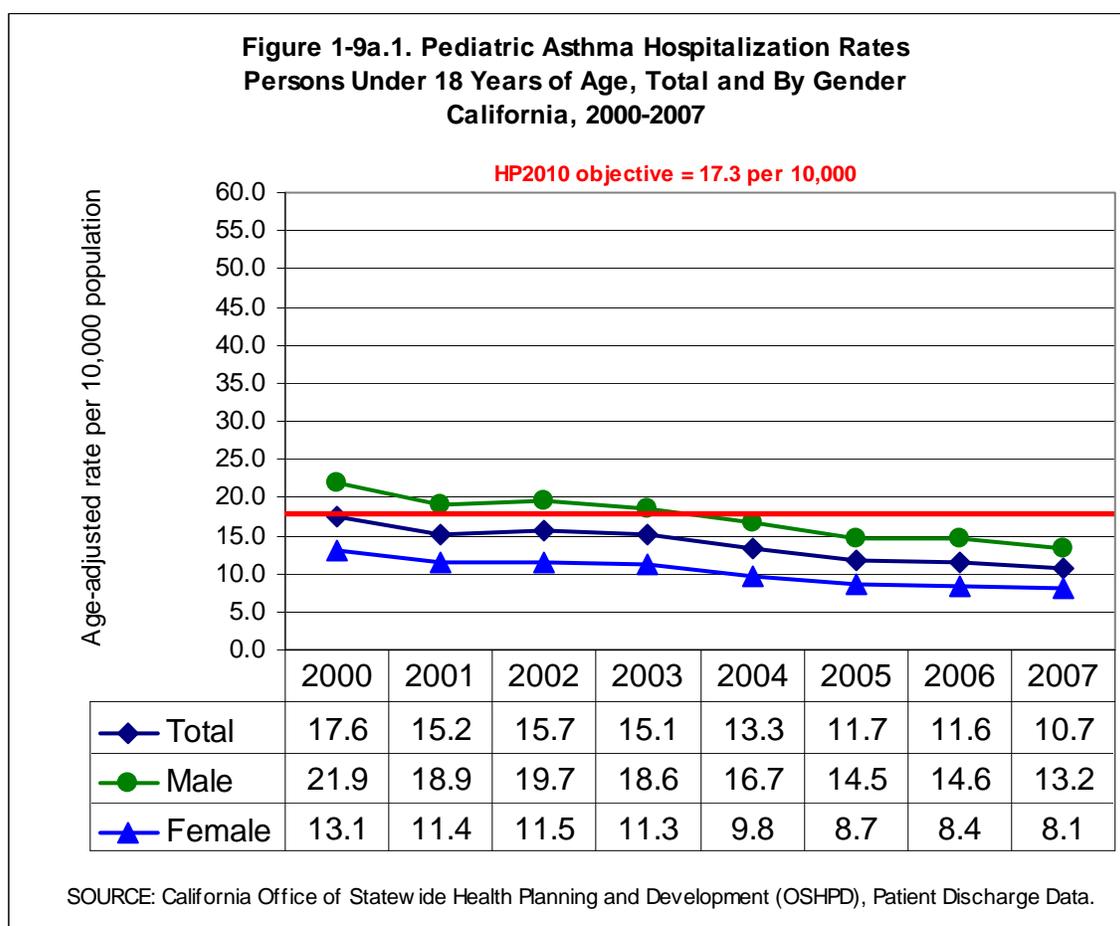


Focus Area 1: Access to Quality Health Services

Objective 1-9a: Pediatric asthma hospitalizations – persons under age 18 years. Target = 17.3 per 10,000 population (age-adjusted) [State Data Source: California Office of Statewide Health Planning and Development (OSHPD), Patient Discharge Data]

California hospital discharge data indicate a statistically significant decline in the age-adjusted rate for hospitalizations with a principal diagnosis of asthma (ICD-9-CM code 493) from 17.6 per 10,000 population under age 18 in 2000 to 10.7 per 10,000 in 2007 (**Figure 1-9a.1, Table 1-9a**). Statewide rates were significantly below the HP2010 target, and this objective was being achieved for the total population under age 18 (all races, both sexes) as of 2001.



The asthma hospitalization rate for males under 18 years of age significantly declined from 21.9 per 10,000 males in 2000 to 13.2 per 10,000 in 2007 (**Figure 1-9a.1, Table 1-9a**). Asthma hospitalization rates for females were significantly lower than rates for males, and declined significantly from 13.1 per 10,000 females in 2000 to 8.1 per 10,000 in 2007). The HP2010 objective was being met for both males and females under age 18 as of 2004.

Examined by race and ethnicity, the highest pediatric asthma hospitalization rates were found for Blacks or African Americans, who experienced a significant decline from 56.9 per 10,000 population under age 18 in 2000 to 35.5 per 10,000 in 2007 (Figure 1-9a.2, Table 1-9a). The next highest asthma hospitalization rates were found for by Hispanics or Latinos (significant decline from 14.1 per 10,000 in 2000 to 9.7 per 10,000 in 2007), followed by Whites (significant decline from 15.7 per 10,000 in 2000 to 8.7 per 10,000 in 2007), and Asians or Pacific Islanders (PI) (significant decline from 11.1 per 10,000 in 2000 to 6.9 per 10,000 in 2007). No significant trend was found in pediatric asthma hospitalization rates for American Indians or Alaska Natives (AIAN) under 18 years of age (9.1 per 10,000 in 2000 and 7.9 per 10,000 in 2007). This HP2010 objective was being achieved for all racial and ethnic populations in California as of 2007 except for Blacks or African Americans.

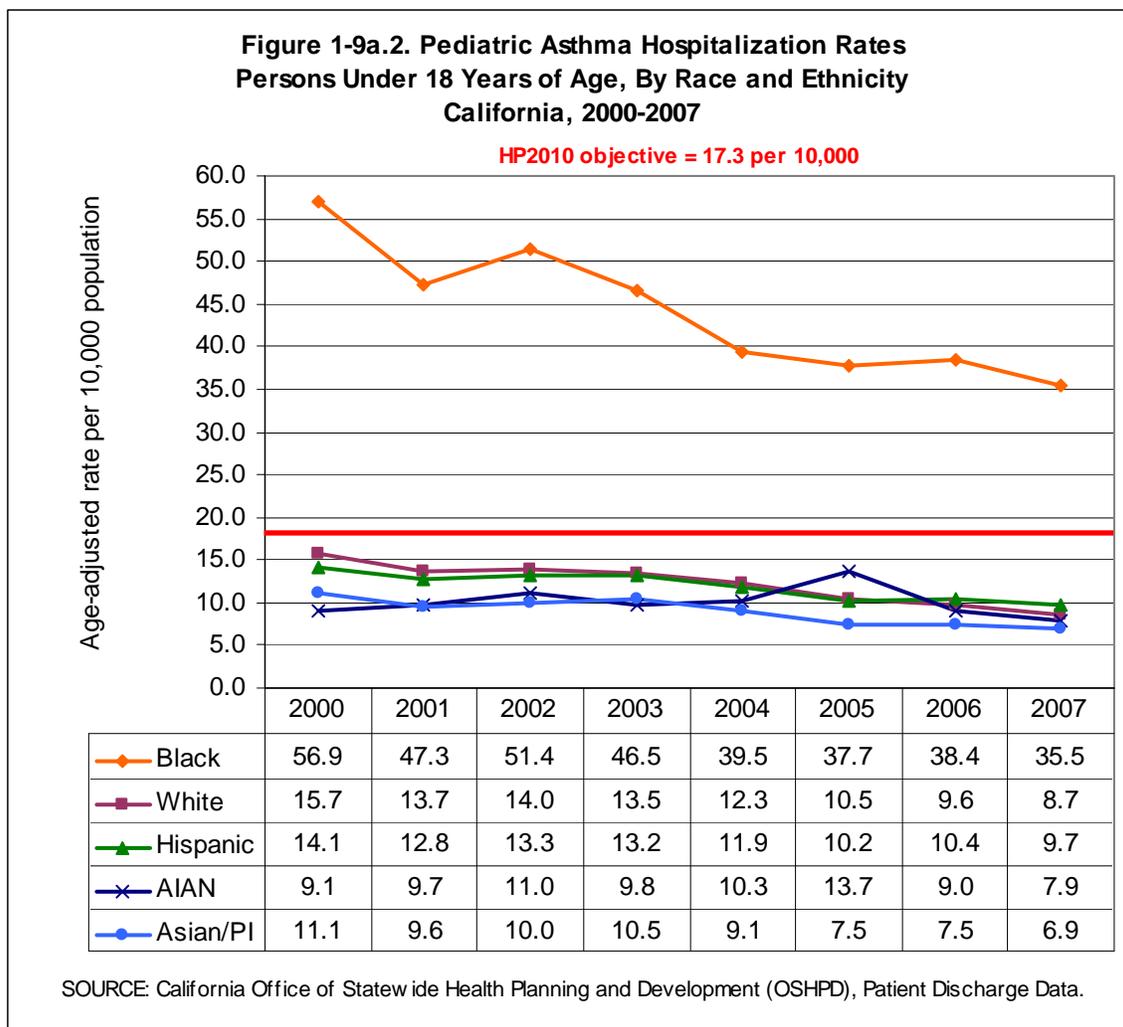


Table 1-9a. Pediatric Asthma Hospitalization Rates, Ages Under 18 Years, California, 2000-2007

Objective 1-9a	2000		Lower	Upper	2001		Lower	Upper
	N	Rate ¹	C.I.	C.I.	N	Rate ¹	C.I.	C.I.
Healthy People 2010 Target		17.3				17.3		
Statewide Total	16,474	17.6	17.3	17.9	14,481	15.2	15.0	15.5
Race-Ethnicity								
American Indian/Alaska Native (AIAN)	43	9.1	6.4	11.9	41	9.7	6.7	12.6
Asian/Pacific Islander (PI)	974	11.1	10.4	11.7	853	9.6	8.9	10.2
Black/African American	3,725	56.9	55.1	58.8	3,013	47.3	45.6	49.0
Hispanic/Latino	6,059	14.1	13.8	14.5	5,696	12.8	12.5	13.2
White	4,973	15.7	15.2	16.1	4,294	13.7	13.3	14.1
Gender								
Female	5,969	13.1	12.8	13.4	5,279	11.4	11.1	11.7
Male	10,504	21.9	21.5	22.3	9,201	18.9	18.5	19.3

Objective 1-9a	2002		Lower	Upper	2003		Lower	Upper
	N	Rate ¹	C.I.	C.I.	N	Rate ¹	C.I.	C.I.
Healthy People 2010 Target		17.3				17.3		
Statewide Total	15,117	15.7	15.4	15.9	14,708	15.1	14.8	15.3
Race-Ethnicity								
American Indian/Alaska Native (AIAN)	44	11.0	7.8	14.3	31	9.8	6.4	13.3
Asian/Pacific Islander (PI)	894	10.0	9.3	10.6	954	10.5	9.8	11.1
Black/African American	3,167	51.4	49.6	53.2	2,808	46.5	44.8	48.3
Hispanic/Latino	6,079	13.3	13.0	13.6	6,177	13.2	12.8	13.5
White	4,340	14.0	13.6	14.4	4,174	13.5	13.1	13.9
Gender								
Female	5,434	11.5	11.2	11.9	5,402	11.3	11.0	11.6
Male	9,683	19.7	19.3	20.0	9,305	18.6	18.3	19.0

Objective 1-9a	2004		Lower	Upper	2005		Lower	Upper
	N	Rate ¹	C.I.	C.I.	N	Rate ¹	C.I.	C.I.
Healthy People 2010 Target		17.3				17.3		
Statewide Total	13,133	13.3	13.1	13.5	11,558	11.7	11.4	11.9
Race-Ethnicity								
American Indian/Alaska Native (AIAN)	27	10.3	6.4	14.2	30	13.7	8.8	18.5
Asian/Pacific Islander (PI)	847	9.1	8.5	9.8	700	7.5	6.9	8.0
Black/African American	2,275	39.5	37.8	41.1	2,121	37.7	36.1	39.3
Hispanic/Latino	5,735	11.9	11.6	12.2	4,986	10.2	10.0	10.5
White	3,712	12.3	11.9	12.6	3,165	10.5	10.1	10.9
Gender								
Female	4,710	9.8	9.5	10.0	4,207	8.7	8.4	8.9
Male	8,423	16.7	16.4	17.1	7,351	14.5	14.2	14.9

Objective 1-9a	2006		Lower	Upper	2007		Lower	Upper
	N	Rate ¹	C.I.	C.I.	N	Rate ¹	C.I.	C.I.
Healthy People 2010 Target		17.3				17.3		
Statewide Total	11,448	11.6	11.4	11.8	10,636	10.7	10.5	10.9
Race-Ethnicity								
American Indian/Alaska Native (AIAN)	25	9.0	5.5	12.6	27	7.9	5.0	10.9
Asian/Pacific Islander (PI)	723	7.5	6.9	8.0	691	6.9	6.4	7.4
Black/African American	2,133	38.4	36.8	40.0	1,958	35.5	34.0	37.1
Hispanic/Latino	5,086	10.4	10.1	10.7	4,782	9.7	9.5	10.0
White	2,892	9.6	9.3	10.0	2,593	8.7	8.3	9.0
Gender								
Female	4,091	8.4	8.2	8.7	3,952	8.1	7.9	8.4
Male	7,357	14.6	14.2	14.9	6,684	13.2	12.9	13.5

SOURCES: Office of Statewide Health Planning and Development, Patient Discharge Data, 2000-2007;
 CA Department of Finance, Demographic Research Unit, *Race/Ethnic Population with Age and Sex Detail, 2000-2050*, July 2007.

NOTES: * ICD-9-CM code 493 as a Principal Diagnosis in the hospital discharge record.

¹ Age-adjusted rate per 10,000 population under age 18; age adjustment by the direct method using the 2000 U.S. standard population.

For more information on Healthy People 2010 objective 1-9a, please visit:
<http://www.healthypeople.gov/Document/HTML/Volume1/01Access.htm>

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

the California Asthma Public Health Initiative Web site at
<http://www.cdph.ca.gov/programs/CAPHI/Pages/default.aspx>

and the Office of Statewide Health Planning and Development Web site at
<http://www.oshpd.ca.gov/HID/Products/PatDischargeData/ResearchReports/PreventableHosp/PQIReport.pdf>