

Focus Area 24: Respiratory Diseases

Objective 24-1a. Reduce asthma deaths among children under age five years. Target = 0.9 per 1,000,000 population [State Data Sources: DATA2010, National Vital Statistics System - Mortality (NVSS-M), CDC, NCHS; California Department of Public Health (CDPH), Center for Health Statistics (CHS), Death Records]

California data extracted from DATA2010 and the CDPH/CHS Death Statistical Master Files show an average of 5.7 children under the age of five had asthma listed as an underlying cause of death during six-year period 2000-2005 (**Table 24-1a**). Reliable asthma death rates could not be calculated for the total population under age five in any single year, nor by gender nor by race and ethnicity, due to the small number of events. No asthma deaths were reported for the American Indian or Alaska Native (AIAN) population under age five, and the HP2010 objective was being achieved for them. In the absence of reliable rates for the other racial and ethnic populations, it remains unknown whether this objective is being achieved for these groups.

For more information on asthma in California, visit the California Asthma Public Health Initiative Web site at:

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

For more information on Healthy People 2010 objective 24-1a, please visit:

<http://www.healthypeople.gov/Document/HTML/Volume2/24Respiratory.htm>

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

Table 24-1a. Asthma Deaths and Death Rates, Children Under Age Five, California 2000-2005

HP2010 Objective 24-1a	2000		2001		2002	
	Deaths	Rate	Deaths	Rate	Deaths	Rate
HP2010 Target		0.9		0.9		0.9
Statewide Total	5	DSU	6	DSU	5	DSU
Race-Ethnicity						
American Indian or Alaska Native	0	0.0	0	0.0	0	0.0
Asian or Pacific Islander	0	0.0	0	0.0	1	DSU
Black or African American	3	DSU	1	DSU	2	DSU
Hispanic or Latino	1	DSU	3	DSU	1	DSU
White	1	DSU	2	DSU	1	DSU
Gender						
Female	2	DSU	3	DSU	1	DSU
Male	3	DSU	3	DSU	4	DSU

HP2010 Objective 24-1a	2003		2004		2005	
	Deaths	Rate	Deaths	Rate	Deaths	Rate
HP2010 Target		0.9		0.9		0.9
Statewide Total	7	DSU	6	DSU	5	DSU
Race-Ethnicity						
American Indian or Alaska Native	0	0.0	0	0.0	0	0.0
Asian or Pacific Islander	1	DSU	1	DSU	0	0.0
Black or African American	2	DSU	2	DSU	3	DSU
Hispanic or Latino	3	DSU	2	DSU	1	DSU
White	1	DSU	1	DSU	1	DSU
Gender						
Female	2	DSU	1	DSU	1	DSU
Male	5	DSU	5	DSU	4	DSU

SOURCES: DATA2010, National Vital Statistics System - Mortality (NVSS-M), CDC, NCHS;
CA Department of Public Health, Center for Health Statistics, Death Records.

NOTES: Asthma deaths defined by ICD-10 codes J45-J46;

DSU = Data statistically unreliable due to small number of events.