

### Asthma Prevalence

#### Lifetime Asthma Prevalence Rates<sup>a</sup>

	All ages		Children (0 to 14 yrs)	
	%	95% C.I. *	%	95% C.I.
COUNTYWIDE	10.9	9.5-12.2	10.2	7.3-13.1
Estimated number	314,000		59,000	
STATEWIDE	13.0	12.6-13.4	13.8	12.9-14.8

\*For more info on 95% Confidence Interval (CI), see Technical Notes.

Data Source: California Health Interview Survey, 2003.

<sup>a</sup> Crude rates; unadjusted for age

### Asthma Mortality

#### Number of Deaths in 2002 due to Asthma

	All ages	Children (0 to 14 yrs)
	N	N
COUNTYWIDE	32	0
STATEWIDE	477	19

Data Source: California Death Public Use Tape, 2002.

### Smoking and Obesity: Asthma Risk Factors\*

#### Risk Factor Prevalence Rates<sup>c</sup> among Adults

	Smoking <sup>a</sup>		Obesity <sup>b</sup>	
	%	95% C.I.	%	95% C.I.
COUNTYWIDE	16.8	14.8-18.8	16.5	14.8-18.2
Estimated number	363,000		332,000	
STATEWIDE	16.5	16.0-17.0	19.3	18.9-19.8

\*For more info on smoking and obesity in relation to asthma, see Technical Notes.

Data Source: <sup>a</sup> California Health Interview Survey, 2003.

<sup>b</sup> California Health Interview Survey, 2001.

<sup>c</sup> Crude rates; unadjusted for age

### Work-related Asthma Rate

We estimated at least one out of every 13 adults with current asthma in California have asthma related to their work environment, which means an estimated **16,700 adults may have work-related asthma in San Diego County.**

Data Source: California Behavioral Risk Factor Survey, 2001.

### Outdoor Air Pollutant Data

Pollutant	Max. 1 Hr. Avg. Conc., ppb <sup>a</sup>	Rank <sup>b</sup>	# Days above State Standard <sup>c</sup>	Rank
<b>A. Ozone</b>	125	15 (out of 49)	23	11 (out of 40)
<b>B. Particulate Matter</b>	Max. 24-Hr. Avg. Conc., µg/m <sup>3</sup> <sup>d</sup>			
<b>PM- 2.5</b> <i>fine particulate matter</i>	239.2	1 (out of 44)	n / a	n / a
<b>PM- 10</b>	289	4 (out of 49)	151	4 (out of 24)

Data Source: California Air Resources Board, 2003 data; n/a= data not available

<sup>a</sup> ppb=parts per billion; <sup>d</sup>µg/m<sup>3</sup>=micrograms per cubic meter

<sup>b</sup> Ranked in comparison to other counties in descending order.

<sup>c</sup> State Standards: Ozone=90 ppb for 1-hr. average; PM-10=50µg/m<sup>3</sup> for 24-hr. average



Arnold Schwarzenegger, Governor  
State of California

Kimberly Belshé, Secretary  
California Health and Human Services Agency

Sandra Shewry, Director  
California Department of Health Services



## Asthma Hospitalizations

Age-Adjusted Asthma Hospitalization Rates<sup>a</sup> by Race/Ethnicity among All Ages and Children (0 to 14 yrs)

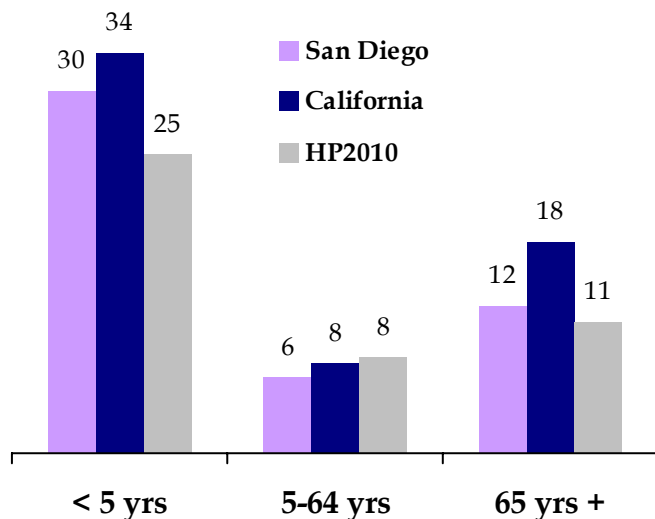
Race/Ethnicity	All Ages			Children (0 to 14 yrs)		
	N	Annual Rate	95% C.I.	N	Annual Rate	95% C.I.
Non-Hispanic White	1183	7.7	7.3–8.2	291	12.2	10.8–13.6
Black	391	25.1	22.6–27.7	119	30.8	25.6–36.4
Hispanic	711	9.3	8.6–10.0	413	18.1	16.4–19.9
Asian/PI	236	9.9	8.8–11.1	74	15.3	12.0–18.9
COUNTYWIDE ( All race/ethnicities)	2,619	9.3	8.9–9.6	938	15.8	14.8–16.8
STATEWIDE ( All race/ethnicities)	39,094	11.1	11.0 -- 11.2	13,951	17.7	17.4--18.0

Data Source: Patient Discharge Database, 2003, Office of Statewide Health Planning and Development

N = Number of asthma hospitalizations; CI = Confidence Interval, a measure of statistical uncertainty

<sup>a</sup> Rates were calculated per 10,000 residents and age-adjusted to the 2000 U.S. Population.

Age-Adjusted Asthma Hospitalization Rates<sup>a</sup> in Comparison to Healthy People 2010 (HP2010) Goal



Data source: County and State data from Patient Discharge Database, 2001-2003. National data from National Hospital Discharge Survey (NHDS), CDC, NCHS.

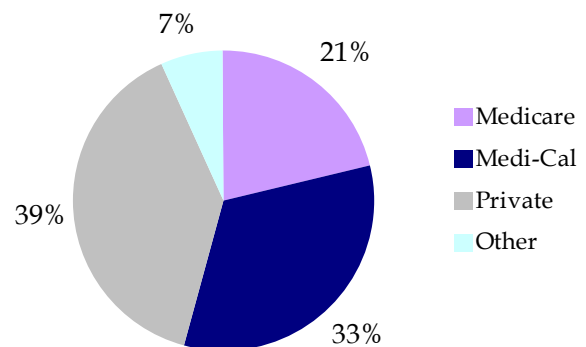
<sup>a</sup> Rates were calculated per 10,000 residents and age-adjusted to the 2000 U.S. Population.

Average Length of Stay and Average Charges for Asthma Hospitalizations

	All ages	Children (0 to 14 yrs)
<b>COUNTYWIDE</b>		
Avg. Length of Stay (days)	3.2	2.1
Avg. Charge per Stay (\$)	\$16,340	\$10,450
<b>STATEWIDE</b>		
Avg. Length of Stay (days)	3.5	2.3
Avg. Charge per Stay (\$)	\$19,980	\$12,040

Data Source: Patient Discharge Database, 2003.

Source of Payment for Hospital Admissions from Asthma for All Ages, 2003 (N=2619)



Data Source: Patient Discharge Database, 2003.

For data sources and methodologies, please see the Technical Notes and Data Sources.

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