



Mark B. Horton, MD, MSPH  
*Director*

State of California  
California Department of Public Health



Arnold Schwarzenegger  
*Governor*

Wound Botulism  
Yearly Summary Report

2001 - 2008

Center for Infectious Diseases  
Division of Communicable Disease Control  
Infectious Diseases Branch  
Surveillance and Statistics Section

Wound Botulism, Cases and Rates by Health Jurisdiction, California, 2001 to 2005

JURISDICTION	YEAR OF REPORT									
	2001		2002		2003		2004		2005	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	18	0.1	20	0.1	26	0.1	19	0.1	23	0.1
ALAMEDA COUNTY TOTAL	-	-	1	0.1	5	0.3	1	0.1	1	0.1
ALAMEDA	-	-	1	0.1	5	0.4	1	0.1	1	0.1
BERKELEY	-	-	-	-	-	-	-	-	-	-
ALPINE	-	-	-	-	-	-	-	-	-	-
AMADOR	-	-	-	-	-	-	-	-	-	-
BUTTE	-	-	1	0.5	-	-	-	-	-	-
CALAVERAS	-	-	-	-	-	-	-	-	-	-
COLUSA	-	-	-	-	-	-	-	-	-	-
CONTRA COSTA	-	-	-	-	-	-	1	0.1	1	0.1
DEL NORTE	-	-	-	-	-	-	-	-	-	-
EL DORADO	-	-	-	-	-	-	-	-	-	-
FRESNO	-	-	1	0.1	3	0.3	-	-	2	0.2
GLENN	-	-	-	-	-	-	-	-	-	-
HUMBOLDT	-	-	-	-	-	-	-	-	-	-
IMPERIAL	-	-	-	-	-	-	1	0.6	-	-
INYO	-	-	-	-	-	-	-	-	-	-
KERN	1	0.1	-	-	-	-	-	-	1	0.1
KINGS	-	-	-	-	-	-	-	-	-	-
LAKE	-	-	-	-	-	-	-	-	-	-
LASSEN	-	-	-	-	-	-	-	-	-	-
LOS ANGELES COUNTY TOTAL	1	0.0	-	-	2	0.0	3	0.0	6	0.1
LOS ANGELES	-	-	-	-	2	0.0	3	0.0	6	0.1
LONG BEACH	1	0.2	-	-	-	-	-	-	-	-
PASADENA	-	-	-	-	-	-	-	-	-	-
MADERA	-	-	-	-	-	-	-	-	-	-
MARIN	-	-	-	-	-	-	-	-	-	-
MARIPOSA	-	-	-	-	-	-	-	-	-	-
MENDOCINO	1	1.1	-	-	-	-	-	-	-	-
MERCED	-	-	-	-	-	-	-	-	-	-
MODOC	-	-	-	-	-	-	-	-	-	-
MONO	-	-	-	-	-	-	-	-	-	-
MONTEREY	-	-	-	-	-	-	-	-	-	-
NAPA	-	-	-	-	-	-	-	-	-	-
NEVADA	-	-	-	-	-	-	-	-	-	-
ORANGE	4	0.1	2	0.1	1	0.0	1	0.0	2	0.1
PLACER	-	-	-	-	-	-	-	-	-	-
PLUMAS	-	-	-	-	-	-	-	-	-	-
RIVERSIDE	-	-	3	0.2	3	0.2	1	0.1	-	-
SACRAMENTO	5	0.4	2	0.2	2	0.2	3	0.2	3	0.2
SAN BENITO	-	-	-	-	-	-	-	-	-	-
SAN BERNARDINO	-	-	2	0.1	1	0.1	1	0.1	1	0.1
SAN DIEGO	-	-	3	0.1	-	-	-	-	-	-
SAN FRANCISCO	1	0.1	-	-	1	0.1	3	0.4	2	0.3
SAN JOAQUIN	1	0.2	-	-	-	-	-	-	-	-
SAN LUIS OBISPO	-	-	-	-	-	-	-	-	-	-
SAN MATEO	-	-	-	-	-	-	1	0.1	-	-
SANTA BARBARA	-	-	-	-	-	-	-	-	1	0.2
SANTA CLARA	-	-	3	0.2	1	0.1	1	0.1	1	0.1
SANTA CRUZ	-	-	-	-	1	0.4	1	0.4	-	-
SHASTA	-	-	-	-	-	-	-	-	-	-
SIERRA	-	-	-	-	-	-	-	-	-	-
SISKIYOU	-	-	-	-	-	-	-	-	-	-
SOLANO	1	0.2	-	-	-	-	-	-	-	-
SONOMA	-	-	-	-	-	-	-	-	-	-
STANISLAUS	1	0.2	-	-	-	-	-	-	-	-
SUTTER	-	-	-	-	-	-	-	-	-	-
TEHAMA	-	-	-	-	-	-	-	-	-	-
TRINITY	-	-	-	-	-	-	-	-	-	-
TULARE	-	-	-	-	-	-	-	-	-	-
TUOLUMNE	-	-	-	-	-	-	-	-	-	-
VENTURA	1	0.1	2	0.3	6	0.8	1	0.1	2	0.2
YOLO	1	0.6	-	-	-	-	-	-	-	-
YUBA	-	-	-	-	-	-	-	-	-	-

Rates are expressed as cases per 100,000 population.

Source: California Department of Public Health, Infectious Diseases Branch, Surveillance and Statistics Section.  
California Department of Finance: Population Estimates with Age, Sex, and Race/Ethnic Detail, July 2007.

Wound Botulism, Cases and Rates by Health Jurisdiction, California, 2006 to 2008

JURISDICTION	YEAR OF REPORT					
	2006		2007		2008	
	CASES	RATE	CASES	RATE	CASES	RATE
CALIFORNIA TOTAL	42	0.1	19	0.1	16	0.0
ALAMEDA COUNTY TOTAL	8	0.5	2	0.1	1	0.1
ALAMEDA	8	0.6	2	0.1	1	0.1
BERKELEY	-	-	-	-	-	-
ALPINE	-	-	-	-	-	-
AMADOR	-	-	-	-	-	-
BUTTE	-	-	-	-	-	-
CALAVERAS	-	-	-	-	-	-
COLUSA	-	-	-	-	-	-
CONTRA COSTA	1	0.1	1	0.1	-	-
DEL NORTE	-	-	-	-	-	-
EL DORADO	-	-	-	-	-	-
FRESNO	1	0.1	-	-	-	-
GLENN	-	-	-	-	-	-
HUMBOLDT	-	-	-	-	-	-
IMPERIAL	3	1.8	-	-	-	-
INYO	-	-	-	-	-	-
KERN	1	0.1	-	-	-	-
KINGS	-	-	-	-	-	-
LAKE	-	-	-	-	-	-
LASSEN	-	-	-	-	-	-
LOS ANGELES COUNTY TOTAL	3	0.0	1	0.0	5	0.0
LOS ANGELES	2	0.0	1	0.0	5	0.1
LONG BEACH	1	0.2	-	-	-	-
PASADENA	-	-	-	-	-	-
MADERA	-	-	-	-	-	-
MARIN	-	-	-	-	-	-
MARIPOSA	-	-	-	-	-	-
MENDOCINO	-	-	-	-	-	-
MERCED	-	-	-	-	-	-
MODOC	-	-	-	-	-	-
MONO	-	-	-	-	-	-
MONTEREY	-	-	-	-	-	-
NAPA	-	-	-	-	-	-
NEVADA	-	-	-	-	-	-
ORANGE	7	0.2	6	0.2	1	0.0
PLACER	-	-	-	-	-	-
PLUMAS	-	-	-	-	-	-
RIVERSIDE	3	0.1	1	0.0	2	0.1
SACRAMENTO	2	0.1	-	-	2	0.1
SAN BENITO	-	-	-	-	-	-
SAN BERNARDINO	3	0.1	2	0.1	3	0.1
SAN DIEGO	-	-	1	0.0	-	-
SAN FRANCISCO	1	0.1	1	0.1	-	-
SAN JOAQUIN	-	-	-	-	-	-
SAN LUIS OBISPO	-	-	-	-	-	-
SAN MATEO	-	-	-	-	-	-
SANTA BARBARA	4	1.0	-	-	1	0.2
SANTA CLARA	2	0.1	1	0.1	1	0.1
SANTA CRUZ	-	-	1	0.4	-	-
SHASTA	-	-	-	-	-	-
SIERRA	-	-	-	-	-	-
SISKIYOU	-	-	-	-	-	-
SOLANO	-	-	-	-	-	-
SONOMA	-	-	-	-	-	-
STANISLAUS	-	-	-	-	-	-
SUTTER	-	-	-	-	-	-
TEHAMA	-	-	-	-	-	-
TRINITY	-	-	-	-	-	-
TULARE	-	-	-	-	-	-
TUOLUMNE	-	-	-	-	-	-
VENTURA	3	0.4	-	-	-	-
YOLO	-	-	2	1.0	-	-
YUBA	-	-	-	-	-	-

Rates are expressed as cases per 100,000 population.

Source: California Department of Public Health, Infectious Diseases Branch, Surveillance and Statistics Section.  
California Department of Finance: Population Estimates with Age, Sex, and Race/Ethnic Detail, July 2007.

Wound Botulism, Cases by Month, California, 2001 to 2005

MONTH OF REPORT	YEAR OF REPORT				
	2001	2002	2003	2004	2005
	CASES	CASES	CASES	CASES	CASES
TOTAL	18	20	26	19	23
JANUARY	-	2	-	-	-
FEBRUARY	-	1	2	-	1
MARCH	1	1	2	1	1
APRIL	2	-	1	1	2
MAY	1	2	2	-	2
JUNE	1	-	1	2	1
JULY	1	1	6	3	1
AUGUST	5	2	-	-	4
SEPTEMBER	1	2	4	2	2
OCTOBER	-	5	2	1	4
NOVEMBER	4	1	1	-	1
DECEMBER	2	3	5	9	4

Wound Botulism, Cases and Rates by Age Group, California, 2001 to 2005

AGE GROUP	YEAR OF REPORT									
	2001		2002		2003		2004		2005	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	18	0.1	20	0.1	26	0.1	19	0.1	23	0.1
0	-	-	-	-	-	-	-	-	-	-
01-04	-	-	-	-	-	-	-	-	-	-
05-14	-	-	-	-	-	-	-	-	-	-
15-24	1	0.0	-	-	-	-	-	-	-	-
25-34	3	0.1	1	0.0	1	0.0	3	0.1	2	0.0
35-44	8	0.1	9	0.2	12	0.2	3	0.1	10	0.2
45-54	4	0.1	9	0.2	11	0.2	9	0.2	7	0.1
55-64	2	0.1	-	-	2	0.1	4	0.1	4	0.1
65 +	-	-	1	0.0	-	-	-	-	-	-
UNKNOWN	-	-	-	-	-	-	-	-	-	-

Wound Botulism, Cases and Rates by Race / Ethnicity, California, 2001 to 2005

RACE / ETHNICITY	YEAR OF REPORT									
	2001		2002		2003		2004		2005	
	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	18	0.1	20	0.1	26	0.1	19	0.1	23	0.1
ASIAN/PACIFIC ISLANDER	-	-	-	-	-	-	-	-	-	-
BLACK, NOT HISPANIC	-	-	1	0.0	2	0.1	3	0.1	3	0.1
HISPANIC	8	0.1	9	0.1	12	0.1	10	0.1	9	0.1
AMERICAN INDIAN/ALASKAN NATIVE	-	-	-	-	-	-	-	-	-	-
WHITE, NOT HISPANIC	8	0.0	6	0.0	11	0.1	3	0.0	4	0.0
UNKNOWN	2	-	4	-	1	-	3	-	7	-

Rates are expressed as cases per 100,000 population

Source: California Department of Public Health, Infectious Diseases Branch, Surveillance and Statistics Section.  
California Department of Finance: Population Estimates with Age, Sex, and Race/Ethnic Detail, July 2007.

Wound Botulism, Cases by Month, California, 2006 to 2008

MONTH OF REPORT	YEAR OF REPORT		
	2006	2007	2008
	CASES	CASES	CASES
TOTAL	42	19	16
JANUARY	1	-	-
FEBRUARY	8	2	-
MARCH	2	-	-
APRIL	6	-	2
MAY	3	1	-
JUNE	3	3	2
JULY	4	1	1
AUGUST	7	6	1
SEPTEMBER	1	1	1
OCTOBER	1	2	2
NOVEMBER	2	1	4
DECEMBER	4	2	3

Wound Botulism, Cases and Rates by Age Group, California, 2006 to 2008

AGE GROUP	YEAR OF REPORT					
	2006		2007		2008	
	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	42	0.1	19	0.1	16	0.0
0	-	-	-	-	-	-
01-04	-	-	-	-	-	-
05-14	-	-	-	-	-	-
15-24	-	-	1	0.0	1	0.0
25-34	3	0.1	5	0.1	1	0.0
35-44	12	0.2	7	0.1	4	0.1
45-54	17	0.3	3	0.1	7	0.1
55-64	7	0.2	2	0.1	2	0.1
65 +	-	-	-	-	1	0.0
UNKNOWN	3	-	1	-	-	-

Wound Botulism, Cases and Rates by Race / Ethnicity, California, 2006 to 2008

RACE / ETHNICITY	YEAR OF REPORT					
	2006		2007		2008	
	CASES	RATE	CASES	RATE	CASES	RATE
TOTAL	42	0.1	19	0.1	16	0.0
ASIAN/PACIFIC ISLANDER	-	-	1	0.0	-	-
BLACK, NOT HISPANIC	5	0.2	2	0.1	1	0.0
HISPANIC	21	0.2	8	0.1	7	0.1
AMERICAN INDIAN/ALASKAN NATIVE	-	-	-	-	-	-
WHITE, NOT HISPANIC	11	0.1	7	0.0	5	0.0
UNKNOWN	5	-	1	-	3	-

Rates are expressed as cases per 100,000 population

Source: California Department of Public Health, Infectious Diseases Branch, Surveillance and Statistics Section.  
California Department of Finance: Population Estimates with Age, Sex, and Race/Ethnic Detail, July 2007.