



Communicable Diseases (CD) Quarterly Report

San Mateo County Health System
CD Control Program

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Table 1. Selected CD cases reported in San Mateo County Residents

Disease	2010		2009	
	2nd Qtr	YTD	2nd Qtr	YTD
Coccidioidomycosis	2	2	2	3
Legionellosis	1	2	1	1
Hepatitis C (chronic)	250	306	132	316
Meningitis - Bacterial ¹	2	3	2	5
Meningitis - Viral	2	5	2	10
Meningococcal Disease	2	4	*	*
MRSA	263	297	256	549

¹ Excluding Meningococcal meningitis; * Data not available at this time due to reporting changes

Table 2. Selected Gastrointestinal illnesses reported in San Mateo County Residents

Disease	2010		2009	
	2nd Qtr	YTD	2nd Qtr	YTD
Amebiasis	2	5	0	2
Campylobacteriosis	49	100	56	97
Cryptosporidium	11	15	22	26
E. Coli O157: H7	1	1	2	3
Giardia	11	26	8	23
SALMONELLA (non-typhoid)	31	39	24	47
S. Enteritidis	8	9	4	7
S. Typhimurium	1	2	2	4
Other	22	28	18	36
Shigella	4	5	7	12
Shiga Toxin producing E. Coli	1	2	0	0
Vibrio (non-cholera)	1	2	1	1

Table 3. Selected Vaccine Preventable Diseases reported in San Mateo County Residents

Disease	2010		2009	
	2nd Qtr	YTD	2nd Qtr	YTD
Hepatitis A	1	1	0	1
Hepatitis B (acute)	2	2	1	3
Hepatitis B (chronic)	97	152	88	186
Pertussis	25	32	8	8

West Nile Virus Update

On July 16, CDPH reported that two women in Stanislaus County were the first confirmed human cases of West Nile virus (WNV) infection in California this year. For more information about WNV, please visit <http://smhealth.org/fightthebite> or www.westnile.ca.gov.

Dead birds can be reported on the Web site or by calling toll-free 877-WNV-BIRD (877-968-2473).

Table 4. Outbreaks in San Mateo County

Disease	2010		2009	
	2nd Qtr	YTD	2nd Qtr	YTD
Gastrointestinal Illness	12	26	6	20
Pertussis	4	4	0	0

Pertussis Update (as of 6/30/2010)

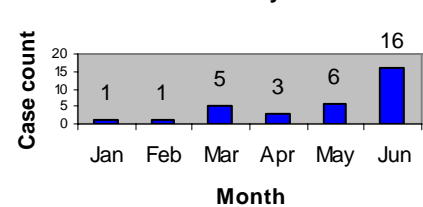
From January 1, 2010 through June 30, 2010, 1,337 cases of pertussis (incidence rate of 3.4/100,000 population) have been reported in California, compared to 258 cases during the same time period in 2009, prompting the state to declare a pertussis epidemic. Five deaths among previously healthy Latino infants under 3 months of age have been reported and 112 cases (17%) have been hospitalized.

In San Mateo County, 32 cases of pertussis have been reported from Jan 1, 2010 through June 30, 2010 (4.4 cases/100,000 population), compared to 8 cases during the same interval in 2009, resulting in 3 hospitalizations and no deaths.

San Mateo County Demographics (n=32)

% Female	62 (%)
Race/Ethnicity (#)	
Non Hispanic White	14
African American	1
Hispanic	6
Asian	2
Other/Unknown	9
Age Range (#)	
< 6mo	3
6 mo - 6 yrs	5
7-9 yrs	7
10-18 yrs	6
19-64 yrs	10
65+ yrs	1

Pertussis cases by month



The California Department of Public Health (CDPH) recommends that all patients needing to be immunized against tetanus, diphtheria or pertussis be vaccinated with **DTaP** if aged 6 weeks through 6 years, or **Tdap** if aged 7 years and older. All patients without documentation of full immunization against pertussis should be fully immunized at the earliest opportunity, especially **women of childbearing age, all close contacts of infants** (i.e. parents, grandparents and child care providers), and **health care personnel**. Ideally, women should be immunized prior to getting pregnant, but they may also be vaccinated during the second or third trimester or immediately post-partum. When the risk of contracting pertussis is elevated, as is the case currently, any **interval** between doses of Td and Tdap is permitted. For more information on pertussis, go to <http://smhealth.org/pertussis>