



# Communicable Diseases (CD) Quarterly Report

San Mateo County Health System  
CD Control Program

- Provider Reporting: 650.573.2346 (phone) 650.573.2919 (fax) • Issue No. 8 • Data to Jun 30, 2009
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**Table 1. Selected CD cases reported in San Mateo County Residents**

Disease	2009		2008	
	2nd Qtr	YTD	2nd Qtr	YTD
Coccidioidomycosis	2	3	3	4
Cryptococcosis	1	2	0	0
Legionella	1	1	1	2
H1N1 related deaths	1	5	0	0
Hepatitis C (chronic)	134	325	*	*
Meningitis - Bacterial	2	5	2	6
Meningitis - Viral	2	10	5	8
Meningitis - Fungal	2	2	0	0
MRSA	256	549	270	519
Severe Staph. Aureus <sup>§</sup>	2	2	0	0
Toxic Shock Syndrome	1	1	0	0

\* Incomplete data, not reported at this time, <sup>§</sup> In a previously healthy person.

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

Disease	2009		2008	
	2nd Qtr	YTD	2nd Qtr	YTD
Campylobacteriosis	56	97	44	92
Cryptosporidium*	22	26	6	6
E. Coli O157: H7	2	3	2	2
Giardia	8	23	15	26
<b>SALMONELLA (non-typhoid)</b>	<b>24</b>	<b>47</b>	<b>27</b>	<b>44</b>
S. Enteritidis	4	7	3	4
S. Typhimurium	2	4	3	6
S. Paratyphi	1	3	0	0
S. Heidelberg	3	3	2	6
S. Rissen	3	8	0	0
Other	11	22	19	28
Shigella	7	12	4	10
Vibrio (non-cholera)	1	1	0	0

\* There has been a significant increase in the number of Cryptosporidium cases in the 2nd quarter. All cases are investigated by the Cryptosporidium Surveillance Project. These cases remain isolated and have not been linked to any outbreak.

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

Disease	2009		2008	
	2nd Qtr	YTD	2nd Qtr	YTD
Hepatitis B (acute)	1	3	1	3
Hepatitis B (chronic)	89	189	*	*
Pertussis	8	8	8	12

\* Incomplete data, not reported at this time

**Table 4. Outbreaks in San Mateo County**

Disease	2009		2008	
	2nd Qtr	YTD	2nd Qtr	YTD
Gastrointestinal Illness	6	20	1	8
Respiratory (including flu)	8	8	0	3
Scabies	3	3	1	1

**Pandemic H1N1 Surveillance\* in San Mateo County (as of 7/10/09)**

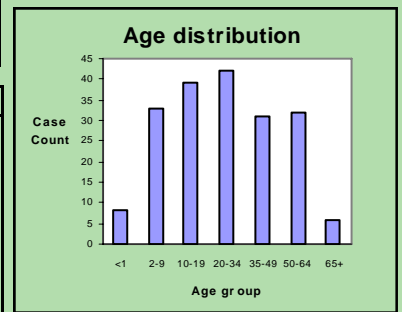
**H1N1 cases**

- # of reported cases - 191
- Percent male - 51.8%
- Pregnant - 4
- Number Hospitalized - 20
- Fatalities - 6

**Age distribution of cases**

Median age = 23 yrs  
Range = 2 mo - 84 yrs

Age group	Percent
<1	4.2
2-9	17.3
10-19	20.4
20-34	22.0
35-49	16.2
50-64	16.8
65+	3.1



**Characteristics of Hospitalized and Fatal Cases (n = 26)**

Sex	Male	11 (42.6%)
	Female	15 (57.4%)
Age	Mean (years)	35.9
	Median (years)	40.5
	Range (min-max)	0-65
	< 18 (years)	4
Pregnant		2
Underlying Complications**	Pneumonia	5
	Sepsis	4
	Multi-Organ Failure	4
Selected Co-morbid Illnesses ***	Cardiac Disease	7
	Pulmonary Disease	7
	Obesity	5

\* Surveillance limited to hospitalized/fatal cases and not for outpatients with mild disease

\*\* Includes cases for which information is available

\*\*\* Conditions listed are not mutually exclusive, due to presence in some patients of multiple conditions.

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**Please sign up for the California Health Alert Network (CAHAN) system**

CAHAN is the State of California's web-based information and communication system available on a 24/7/365 basis for dissemination of prevention guidelines, distribution of health alerts and emergency preparedness planning. CAHAN participants receive alerts and notifications via pager, email, fax and phone.

**To request access, training or assistance, please contact: Theresa Smith at THSmith@co.sanmateo.ca.us**

Sources: Automated Vital Statistics System (AVSS)

Note: Morbidity is based on date of diagnosis. Totals for past quarters may change due to delays in reporting from labs and providers.

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