

**Summary Statistics of
Reported and Verified Cases of Tuberculosis in
San Joaquin County in 2012, (N=44)
County Rate = 6.3 Cases per 100,000 Population**

I. Demographic Information

GENDER	NUMBER OF CASES	PERCENT OF CASES
Male	29	65.9%
Female	15	34.1%

AGE GROUP	NUMBER OF CASES	PERCENT OF CASES
0-4	3	6.8%
5-14	2	4.5%
15-24	3	6.8%
25-44	6	13.6%
45-64	15	34.1%
65+	15	34.1%

CITY OF RESIDENCE	NUMBER OF CASES	PERCENT OF CASES	RATE PER 100,000 POPULATION*
Stockton	33	75.0%	11.2
Lathrop	3	6.8%	15.9
Lodi	2	4.5%	3.2
Tracy	2	4.5%	2.4
Manteca	1	2.3%	1.4
Other Cities	3	6.8%	-

* Source: State of California, Department of Finance, *E-1 Population Estimates for Cities, Counties and the State with Annual Percent Change — January 1, 2011 and 2012. Sacramento, California, May 2012.*

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RACE/ETHNICITY	NUMBER OF CASES	PERCENT OF CASES
Hispanic	11	25.0%
Asian/P.I.	29	65.9%
Filipino	13	29.5%
Cambodian	10	22.7%
Laotian	2	4.5%
Hmong	1	2.3%
Indian	1	2.3%
Pakistani	1	2.3%
Vietnamese	1	2.3%
White	2	4.5%
A.I./A.N.	1	2.3%
Multi-Race	1	2.3%
Black	0	0.0%

COUNTRY OF ORIGIN	NUMBER OF CASES	PERCENT OF CASES
U.S. Born	16	36.4%
Foreign Born	28	63.6%
Philippines	11	25.0%
Mexico	6	13.6%
Cambodia	4	9.1%
Laos	3	6.8%
Thailand	2	4.5%
India	1	2.3%
Vietnam	1	2.3%

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II. Clinical Profile of Reported Cases

CLINICAL FACTOR	NUMBER OF CASES	PERCENT OF CASES
Previous Diagnosis of Tuberculosis	1	2.3%
Tuberculin Skin Test – Positive PPD	30	68.2%
IGRA ¹ – Positive	5	11.4%
Sputum Smear – Positive AFB	17	38.6%
Pulmonary Site of Disease Culture – Positive ²	32	72.7%
Chest X-ray - Normal	5	11.4%
Chest X-ray - Cavitory	8	18.2%
Chest X-ray - Noncavitory	31	70.5%
Site of Disease – Pulmonary Only	29	65.9%
Site of Disease – Extrapulmonary Only	5	11.4%
Cervical	1	2.3%
Lymphatic	1	2.3%
Meningeal	1	2.3%
Other	2	4.5%
Site of Disease – Both Pulmonary and Extrapulmonary ³	10	22.7%

¹IGRA = Interferon Gamma Release Assay

²Includes 27 (61.4%) positive sputum cultures

³Includes 1 (2.3%) miliary case

Note: The tuberculin skin test and IGRA were both conducted in 6 (13.6%) cases, and neither was done in 5 (11.4%) cases. Both the sputum smear and the sputum culture tests were not done in 9 (20.5%) cases.

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**III. Associated Risk Factors Among Reported Cases
At The Time of Diagnosis**

RISK FACTOR	NUMBER OF CASES	PERCENT OF CASES
Homelessness	3	6.8%
Imprisonment	0	0.0%
Long-term Care Institutionalization	1	2.3%
Injection Drug Use within Past Year	2	4.5%
Non-injection Drug Use within Past Year	3	6.8%
Excess Alcohol Use within Past Year	7	15.9%
AIDS Diagnosis	0	0.0%

IV. Anti-Tuberculosis Drug Susceptibility Profile (N=35)

MEDICATION	NUMBER OF CASES	PERCENT OF CASES
First Line Drugs – Tests Performed¹	35	100.0%
Sensitive to all first line drugs	29	82.9%
Resistant to at least one first line drug	6	17.1%
Isoniazid (INH) – Resistant	3	8.6%
Rifampin (RIF) – Resistant	0	0.0%
Pyrazinamide (PZA) – Resistant	4	11.4%
Ethambutol (EMB) – Resistant	0	0.0%
Multi-Drug Resistant (MDR)²	0	0.0%

¹Susceptibility testing was performed for 20 cases with positive sputum culture only, 8 with positive culture of other body tissue or fluid only, and 7 cases with both positive sputum culture and positive culture of other body tissue or fluid. Testing was not performed for 8 clinical cases and 1 PCR positive case without culture confirmation.

²MDR is defined as resistance to at least INH and RIF

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