

**Summary Statistics of
Reported and Verified Cases of Tuberculosis in
San Joaquin County in 2011, (N=44)
County Rate = 6.4 Cases per 100,000 Population**

I. Demographic Information

GENDER	NUMBER OF CASES	PERCENT OF CASES
Male	32	72.7%
Female	12	27.3%

AGE GROUP	NUMBER OF CASES	PERCENT OF CASES
0-4	3	6.8%
5-14	1	2.3%
15-24	0	0.0%
25-44	14	31.8%
45-64	13	29.5%
65+	13	29.5%

CITY OF RESIDENCE	NUMBER OF CASES	PERCENT OF CASES	RATE PER 100,000 POPULATION*
Stockton	37	84.1%	12.6
Tracy	4	9.1%	4.8
Manteca	2	4.5%	2.9
Lathrop	1	2.3%	5.4

* Source: State of California, Department of Finance, *E-1 Population Estimates for Cities, Counties and the State with Annual Percent Change – January 1, 2010 and 2011. Sacramento, California, May 2011.*

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RACE/ETHNICITY	NUMBER OF CASES	PERCENT OF CASES
Hispanic	17	38.6%
Asian/P.I.	25	56.8%
Cambodian	9	20.5%
Filipino	5	11.4%
Vietnamese	3	6.8%
Chinese	2	4.5%
Laotian	2	4.5%
Indian	1	2.3%
Japanese	1	2.3%
Malaysian	1	2.3%
Pakistani	1	2.3%
White	2	4.5%
Black	0	0.0%

COUNTRY OF ORIGIN	NUMBER OF CASES	PERCENT OF CASES
U.S. Born	12	27.3%
Foreign Born	32	72.7%
Mexico	12	27.3%
Cambodia	6	13.6%
Philippines	5	11.4%
China	2	4.5%
Laos	2	4.5%
Vietnam	2	4.5%
India	1	2.3%
Malaysia	1	2.3%
Pakistan	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	31	70.5%
IGRA ¹ – Positive	7	15.9%
Sputum Smear – Positive AFB	17	38.6%
Pulmonary Site of Disease Culture – Positive ²	36	81.8%
Chest X-ray - Normal	1	2.3%
Chest X-ray - Cavitory	2	4.5%
Chest X-ray - Noncavitory	36	81.8%
Site of Disease – Pulmonary	35	79.5%
Site of Disease – Extrapulmonary Only	3	6.8%
Pleural	2	4.5%
Meningeal	1	2.3%
Site of Disease – Both Pulmonary and Extrapulmonary ³	6	13.6%

¹IGRA = Interferon Gamma Release Assay

²Includes 27 (61.4%) positive sputum cultures

³Includes 2 (4.5%) miliary case

Note: The tuberculin skin test and IGRA were both conducted in 8 (18.2%) cases, and neither was done in 6 (13.6%) cases. Both the sputum smear and the sputum culture tests were not done in 8 (18.2%) 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	7	15.9%
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	2	4.5%
Excess Alcohol Use within Past Year	12	27.3%
AIDS Diagnosis	1	2.3%

IV. Anti-Tuberculosis Drug Susceptibility Profile (N=40)

MEDICATION	NUMBER OF CASES	PERCENT OF CASES
First Line Drugs – Tests Performed¹	40	100%
Sensitive to all first line drugs	34	85.0%
Resistant to at least one first line drug	6	15.0%
Isoniazid (INH) – Resistant	4	10.0%
Rifampin (RIF) – Resistant	1	2.5%
Pyrazinamide (PZA) – Resistant	2	5.0%
Ethambutol (EMB) – Resistant	1	2.5%
Multi-Drug Resistant (MDR)²	1	2.5%

¹Susceptibility testing was performed for 22 cases with positive sputum culture only, 13 with positive culture of other body tissue or fluid only, and 5 cases with both positive sputum culture and positive culture of other body tissue or fluid. Testing was not performed for 4 clinical cases.

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

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