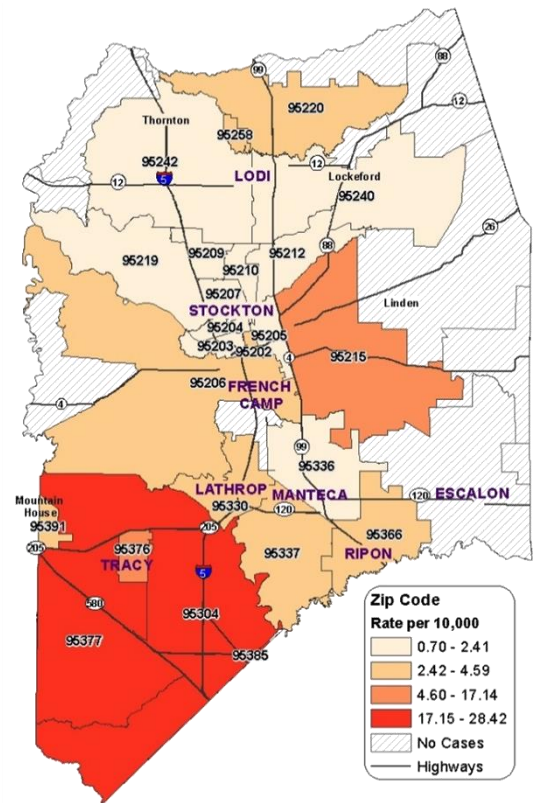




## Coccidioidomycosis (Valley Fever) Data Sheet San Joaquin County

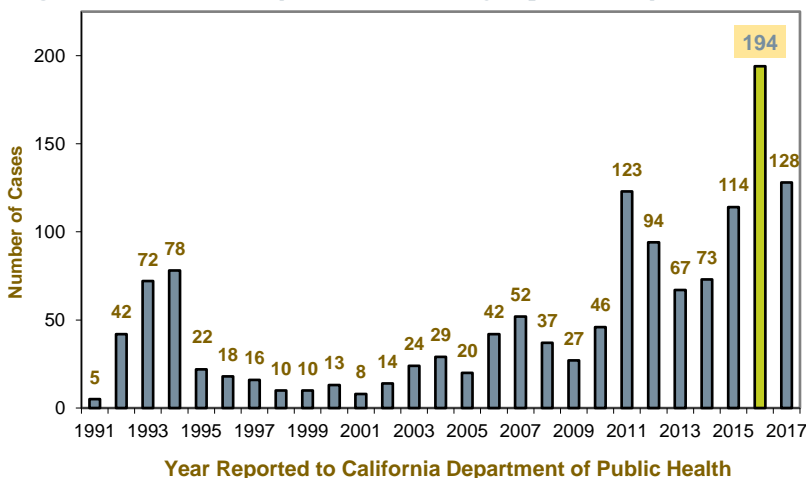
Coccidioidomycosis (Valley Fever or “cocci”) is an infection caused by a fungus (*Coccidioides*) that lives in the soil and dirt. In California, cocci is common in the San Joaquin Valley and Central Coast, but the number of cases in California have been increasing in the past several years. The main reason for the increase is not well understood. In 2010, laboratories were required to report results, but this only partially accounts for the increase since it remains the highest in the San Joaquin Valley and Central Coast. One reason might be due to the droughts followed by rainy seasons with windy conditions, which are the ideal environments for the growth and release of the fungus. <sup>1</sup>

- 🌿 In 2016, San Joaquin County had the 7th highest rate in CA (data not shown).<sup>1</sup>
- 🌿 Specifically, in San Joaquin County, the highest rates are in the southwest corner surrounding Tracy (Figure 1).<sup>2</sup>
- 🌿 From 2013 to 2016, the number of cases have tripled in San Joaquin County (Figure 2).<sup>2</sup>
- 🌿 Year 2016 was the highest on record (194 cases) for San Joaquin County (Figure 2).<sup>2</sup>
- 🌿 As of October 4, there are 128 cases reported in San Joaquin County for 2017 (Figure 2) and could surpass last year since most cases are reported in November and December.<sup>2</sup>



**Figure 1. Coccidioidomycosis Rates by Zip Codes<sup>2</sup>, San Joaquin County, 2014-2016**

**Figure 2. Coccidioidomycosis Cases, San Joaquin County, 1991-2017\***



**Notes:** \*Data are provisional (up-to-date as of 10/4/2017). Counts most likely will not match other reports due to differences in reporting.

**Sources:**

<sup>1</sup> Tabnak F, Knutson K, Cooksey G, Nguyen A, Vugia D, Epidemiologic Summary of Coccidioidomycosis in California, 2016. California Department of Public Health, June 2017;  
<sup>2</sup> Cases: San Joaquin County, Public Health Services, Epidemiology (unpublished raw data). Accessed through AVSS and CalREDIE on 10/4/2017; Population: US Census, ACS, 2011-2015 (5-yr estimates).

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