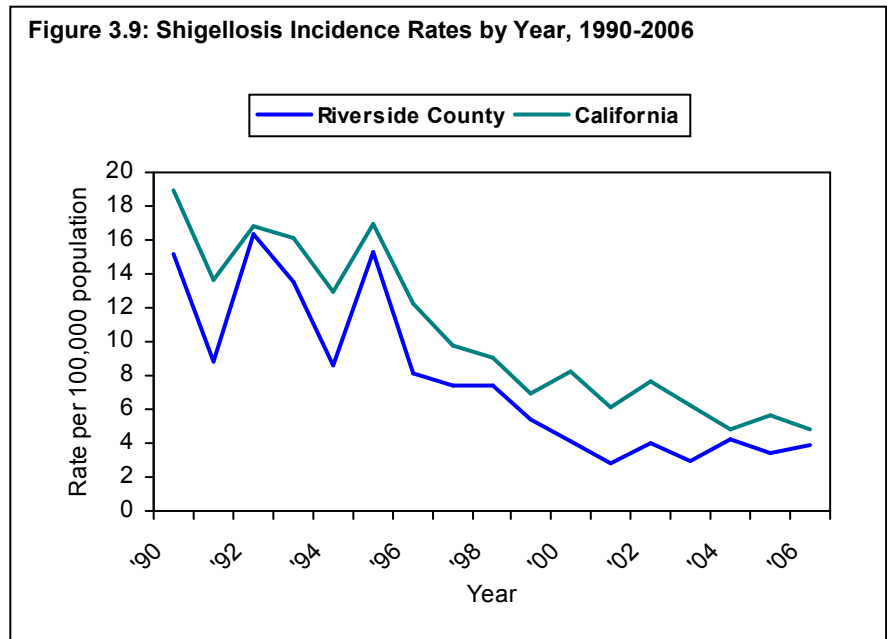


# SHIGELLOSIS

## DISEASE ABSTRACT

- In 2006, shigellosis was the third most commonly reported gastrointestinal disease in Riverside County with 76 reported cases and an incidence rate of 3.9 cases per 100,000 population.
- Children 4 years and younger were at greatest risk for infection, accounting for 40 percent of all cases.

Figure 3.9: Shigellosis Incidence Rates by Year, 1990-2006



## TRENDS

Despite a downward trend in the mid-1990s, the rates of shigellosis have fluctuated in the last few years. Similar to California and the United States, the most commonly reported species of shigella in Riverside County were serogroups B and D. Rates in Riverside County have roughly mirrored the yearly fluctuations in California's rates over the past decade.

## AGE

Similar to other gastrointestinal infections, the highest incidence of shigellosis was reported in children 4 years and younger with an incidence rate of 19.4 cases per 100,000 population. Poor hand hygiene, swimming in lakes and attending day care were often reported risk factors for transmission of shigella in this age group.

Figure 3.10: Shigellosis Incidence Rates by Age, Riverside County 2006

