



California Measles Surveillance Update

February 20, 2015

California is currently experiencing a large outbreak of measles. In December 2014 an outbreak of measles started in Disneyland in Orange County, California, and spread to the community (measles B3 strain). New introductions of measles (D8 strain) have also occurred. The information included in this report is preliminary and subject to change.

Since December, 2014, there have been 123 confirmed measles cases reported in California residents.

- Of these:
 - 39 cases visited Disneyland during December 17th-20th, 2014 where they are presumed to have been exposed to measles
 - 28 are household or close contacts to a confirmed case
 - 8 were exposed in a community setting (e.g., emergency room) where a confirmed case was known to be present
 - 46 have unknown exposure source but are presumed to be linked to the outbreak based on a combination of descriptive epidemiology or strain type
 - 2 cases are known to have a different genotype from the outbreak strain
- Among measles cases for whom we have vaccination documentation, 56 were unvaccinated and 15 had 1 or more doses of MMR vaccine

Table 1. Confirmed measles cases in California since December 2014, by local health jurisdiction

	Total number of confirmed cases
CALIFORNIA	123
ALAMEDA	6
CONTRA COSTA	1
LOS ANGELES	24
City of Long Beach*	2
City of Pasadena*	4
MARIN	2
ORANGE	35
RIVERSIDE	8
SAN BERNARDINO	10
SAN DIEGO	13
SAN MATEO	3
SANTA CLARA	2
SOLANO	1
VENTURA	12
*City health jurisdictions not included in county total	

Table 2. Number of confirmed measles cases by hospitalization status

	Total*	Percent
Hospitalized	17	18%
Not hospitalized	75	82%

*31 have missing hospitalization data

Table 3. Age distribution of confirmed measles cases

Age (years)	Total	Percent
<1	16	13%
1-4	17	14%
5-19	21	17%
≥20	69	56%