



# California Measles Surveillance Update

March 13, 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 and D4 strains) have also occurred. The information included in this report is preliminary and subject to change.

Since December, 2014, there have been 133 confirmed measles cases reported in California residents.

- Of these:
  - 40 cases visited Disneyland during December 17<sup>th</sup>-20<sup>th</sup>, 2014 where they are presumed to have been exposed to measles
  - 30 are household or close contacts to a confirmed case
  - 11 were exposed in a community setting (e.g., emergency room) where a confirmed case was known to be present
  - 49 have unknown exposure source but are presumed to be linked to the outbreak based on a combination of descriptive epidemiology or strain type
  - 3 cases are known to have a different genotype from the outbreak strain
- Among measles cases for whom we have vaccination documentation, 57 were unvaccinated and 20 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
<b>CALIFORNIA</b>	<b>133</b>
ALAMEDA	6
CONTRA COSTA	1
LOS ANGELES	27
City of Long Beach*	2
City of Pasadena*	4
MARIN	2
MERCED	1
ORANGE	35
RIVERSIDE	8
SAN BERNARDINO	12
SAN DIEGO	14
SAN MATEO	4
SANTA CLARA	3
SOLANO	1
VENTURA	13
*City health jurisdictions not included in county total	

**Table 2. Number of confirmed measles cases by hospitalization status**

	<b>Total*</b>	<b>Percent</b>
<b>Hospitalized</b>	20	19%
<b>Not hospitalized</b>	85	81%

\*28 have missing hospitalization data

**Table 3. Age distribution of confirmed measles cases**

<b>Age (years)</b>	<b>Total</b>	<b>Percent</b>
<1	15	11%
1-4	20	15%
5-19	24	18%
≥20	74	56%