Confirmed, Probable, Suspect or Deceased Pertussis

Cases by Referral Date or Death Date

Santa Barbara County
September 23, 2010
N = 45

Total confirmed: 31
Total probable: 13
Total suspect: 1
Total deaths: 0
Total hospitalized: 2
Age range: 1.5 months - 80 years
Mean age: 13.47 years
18 Hispanics, 27 whites
28 North, 12 South, 5 Central county

CDC Disease Week

Prepared by the Epidemiology Unit
Definitions:
Confirmed, Probable and Suspect cases are reported to CDPH.

Clinical case definition:
A cough illness lasting ≥2 weeks with at least one of the following:
- paroxysms of coughing or
- inspiratory "whoop" or
- post-tussive vomiting; without other apparent cause (as reported by a health professional)

Confirmed
- An acute cough illness of any duration with isolation of *B. pertussis* from a clinical specimen.
- A case that meets the clinical case definition and is confirmed by detection of *B. pertussis*-specific nucleic acid by polymerase chain reaction (PCR).
- A case that meets the clinical case definition and is epidemiologically-linked directly to a laboratory-confirmed case of pertussis.
- An acute cough illness of any duration with detection of *B. pertussis* antigen in formalin-fixed tissue by appropriate immunohistochemistry (IHC) methods (*new CDPH 7/10*).

Probable
- A case that meets the clinical case definition and is not laboratory-confirmed with culture, PCR or IHC and is not epidemiologically-linked directly to a Confirmed case.

Suspect (*new CDPH 7/10*)
- An acute cough illness of any duration with detection of *B. pertussis*-specific nucleic acid by PCR
- An acute cough illness of any duration with at least one of the following: (paroxysms of coughing, inspiratory "whoop", or post-tussive vomiting) that is epidemiologically-linked directly to a confirmed case.