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Pertussis / Whooping Cough (Bordetella pertussis) 1990 Case Definition | CDC  
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Pertussis / Whooping Cough (  
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)  
1990 Case Definition  
Pertussis / Whooping Cough (  
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NOTE:  
A surveillance case definition is a set of uniform criteria used to define a disease for public health surveillance. Surveillance case definitions enable public health officials to classify and count cases consistently across reporting jurisdictions. Surveillance case definitions are not intended to be used by healthcare providers for making a clinical diagnosis or determining how to meet an individual patient’s health needs.  
Clinical Description  
A cough illness lasting at least 2 weeks with one of the following: paroxysms of coughing, inspiratory "whoop," or post-tussive vomiting -- and without other apparent cause (as reported by a health professional)  
Laboratory Criteria For Diagnosis  
Isolation of  
Bordetella pertussis  
from clinical specimen  
Case Classification  
Probable  
Meets the clinical case definition, is not laboratory confirmed, and is not epidemiologically linked to a laboratory-confirmed case  
Confirmed  
A clinically compatible case that is laboratory confirmed or epidemiologically linked to a laboratory-confirmed case  
Comments  
The clinical case definition above is appropriate for endemic or sporadic cases. In outbreak settings, a case may be defined as a cough illness lasting at least 2 weeks (as reported by a health professional). Because direct fluorescent antibody testing of nasopharyngeal secretions has been shown in some studies to have low sensitivity and variable specificity, it should not be relied on as a criterion for laboratory confirmation.  
1,2  
Both probable and confirmed cases should be reported to the National Notifiable Diseases Surveillance System (NNDSS).  
References  
Broome CV, Fraser DW, English WJ. Pertussis--diagnostic methods and surveillance. In: Manclark CR, Hill JC, eds. International Symposium on Pertussis. Bethesda, MD: US Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, 1979; DHEW publication no. (NIH)79-1830:19-22.  
Halperin SA, Bortolussi R, Wort AJ. Evaluation of culture, immunofluorescence, and serology for the diagnosis of pertussis. J Clin Microbiol 1989;27:752-7.  
Related Case Definition(s)  
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Pertussis / Whooping Cough (  
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Pertussis / Whooping Cough (  
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Pertussis / Whooping Cough (  
Bordetella pertussis  
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Pertussis / Whooping Cough (  
Bordetella pertussis  
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NNDSS receives and shares case data from state, local, and territorial health departments to help public health monitor, control, and prevent serious diseases.  
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