

2013 Changes to the National Notifiable Disease Surveillance System (NNDSS)

West Michigan Epi Exchange

January 11, 2013

Background

- * The list of nationally notifiable infectious diseases is revised periodically.
 - * Disease may be added as a new pathogen emerges.
 - * Disease may be deleted as incidence declines.
- * The Council of State and Territorial Epidemiologists (CSTE), with input from CDC, makes recommendations *annually* for additions and deletions to the list of nationally notifiable diseases.
- * Reporting of diseases is mandated at the state level and the list varies slightly by state.
 - * CDC has some case definitions available to non-nationally notifiable diseases.
 - * For other diseases there is not a national case definition.

2013 NNDSS Changes

- * Various revisions to case definitions and laboratory criteria for selected national surveillance case definitions.
- * New National reportable condition, Leptospirosis.
- * Should be used for reporting new 2013 cases beginning in January 2013.

Where can these revisions be found?

- * The CDC's case definitions for Nationally Notifiable Infectious Conditions can be found at: www.cdc.gov/nndss or from the 'Case Definitions' link in MDSS.
- * A link to the case definition for each condition is available on the CDInfo website (www.michigan.gov/cdinfo), just click on 'Communicable Diseases (A-Z)' then navigate to the condition of interest.

MDCH Department
Case Investigation

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C

Case Definition	Form Name
Carbapenem-Resistant Enterobacteriaceae (CRE)	CRE Tip Sheet
Campylobacter	MDCH Campylobacter Case Definition Update
Chickenpox	See Varicella
Chlamydia (Genital)	MDCH STD Website
	Chlamydia and Gonorrhea Reporting Tip Sheet
Cholera	
Clostridium difficile	Clostridium difficile (C. diff) Tip Sheet
Coccidioidomycosis	Fungal Disease Flowchart
	Reportable Fungal Diseases Presentation
Creutzfeldt-Jakob	Creutzfeldt-Jakob Tip Sheet

CDC Home
Centers for Disease Control and Prevention
CDC 24/7: Saving Lives. Protecting People.™

A-Z Index A B C D E F G H I J K L M N O P Q R S T U V W X Y Z #

National Notifiable Diseases Surveillance System (NNDSS)

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Search Conditions By Name

(Leave blank to see all conditions)

Fact Sheets

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Hansen's Disease

- * Revisions to the clinical, laboratory and case classification criteria.
- * 2013 Clinical Description:
 - * Revised characteristics of the four major forms of the disease.
 - * Adds a stipulation to the clinical criteria.
 - * The following characteristics are typical of the major forms of the disease, ***though these classifications are assigned after a case has been laboratory confirmed.***

Hansen's Disease

Revisions to forms of the disease:

- * *Tuberculoid*: one or a few well-demarcated, hypopigmented, **and hypoesthetic or anesthetic** skin lesions, frequently with active, spreading edges and a clearing center; peripheral nerve swelling or thickening also may occur.
- * *Lepromatous*: a number of erythematous papules and nodules or an infiltration of the face, hands, and feet with lesions in a bilateral and symmetrical distribution that progress to thickening of the skin, **possibly with reduced sensation.**
- * *Borderline (dimorphous)*: skin lesions characteristic of both the tuberculoid and lepromatous forms.
- * *Indeterminate*: early lesions, usually hypopigmented macules, without developed tuberculoid or lepromatous features **but with definite identification of acid-fast bacilli in Fite stained sections.**

Hansen's Disease

Laboratory Criteria for Diagnosis:

- * Additions to confirmed case definition:
 - * Confirmed: Demonstration of acid fast bacilli in skin or dermal nerve **from a biopsy of a skin lesion using Fite stain, without growth of mycobacteria on conventional media (if done).**
 - * **OR Identification of noncaseating granulomas with peripheral nerve involvement, without growth of mycobacteria on conventional media (if done).**

Measles

- * Revisions to the surveillance case definition to include a clinical description
- * Modifies the probable and confirmed case classification
- * Deletes the suspect case definition

Clinical Description:

- * **Specifies rash as maculopapular**
 - * An acute illness characterized by:
 - * Generalized, **maculopapular** rash lasting ≥ 3 days; AND
 - * Temperature $\geq 101^\circ\text{F}$ or 38.3°C ; AND
 - * Cough, coryza, or conjunctivitis.

Measles

- * Revisions to case classifications

- * **Probable:** changed lab criteria from 'no serological or virologic testing to '**no measles laboratory testing**'.

- * **Confirmed:** Clinical criteria of '**acute febrile rash illness**[†] is needed in addition to confirmatory lab results.

- * Added **IgG seroconversion**[‡] or a **significant rise in measles immunoglobulin G antibody**[‡] using any evaluated and validated method as confirmatory labs

- * Added comments:

- ‡ Not explained by MMR vaccination during the previous 6-45 days.**

- § Not otherwise ruled out by other confirmatory testing or more specific measles testing in a public health laboratory.**

Novel Influenza A Virus Infection

- * Revisions to the laboratory evidence for novel influenza A virus infection:
 - * Laboratory testing for the purposes of case classification should use methods mutually agreed upon by CDC and the Council of State and Territorial Epidemiologists (CSTE). **Currently, only viral isolation, RT-PCR, gene sequencing, or a 4-fold rise in strain-specific serum antibody titers are considered confirmatory.**

Novel Influenza A Virus

- * Revisions to the case classification criteria for a probable case
 - * **Probable:** A case meeting the clinical criteria and epidemiologically linked to a confirmed case, but for which no confirmatory laboratory testing **for influenza virus infection has been performed or test results are inconclusive for a novel influenza A virus infection.**

Rubella

- * Updates to the confirmed case definition to better align clinical and laboratory evidence of infection with classification criteria
- * Changes to confirmed case classification
 - * Added **IgG seroconversion** for lab confirmation
- * Added comments:
 - †**Not explained by MMR vaccination during the previous 6-45 days.**
 - ***Not otherwise ruled out by more specific testing in a public health laboratory.**

New Condition Under National Surveillance

Leptospirosis

- * Confirmed and probable cases are asked to be submitted to CDC after approval from Office of Management and Budget (OMB)
 - * Expect approval by March or April 2013.
 - * Current case definition can be found at <http://wwwn.cdc.gov/NNDSS/script/casedef.aspx?CondYrID=907&DatePub=1/1/2013%2012:00:00%20AM>

- * Leptospirosis is and has been reportable to State of Michigan in the past
- * Use the Leptospirosis Case Investigation Report form in MDSS to report cases

Activate Form						Submit Form						Cancel Form						Case Definitions					
Leptospirosis Case Investigation Report Michigan Department of Community Health Communicable Disease Division																							
Investigation Information																							
Investigation ID				Onset Date <small>mm/dd/yyyy</small>				Diagnosis Date <small>mm/dd/yyyy</small>				Referral Date <small>mm/dd/yyyy</small>				Case Entry Date <small>mm/dd/yyyy</small>				Case Completion Date <small>mm/dd/yyyy</small>			
Investigation Status												Case Status											
<input type="text"/>												<input type="checkbox"/> Confirmed <input type="checkbox"/> Not a Case <input type="checkbox"/> Probable <input type="checkbox"/> Suspect <input type="checkbox"/> Unknown											
Patient Status				Patient Status Date <small>mm/dd/yyyy</small>				Part of an outbreak?				Outbreak Name				Case Updated Date <small>mm/dd/yyyy</small>							
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