

Technical Notes for December 30, 2007 – January 3, 2009 New Jersey Reportable Communicable Disease Summary Report (excludes sexually transmitted diseases [chancroid, chlamydia, granuloma inguinale, gonorrhea, lymphogranuloma venereum, syphilis] and tuberculosis)

- The report includes **NJDHSS-approved confirmed** cases for the following diseases.
  - AMOEBIASIS
  - BOTULISM - INFANT
  - CAMPYLOBACTERIOSIS
  - CHOLERA - O1
  - CRYPTOSPORIDIOSIS
  - CYCLOSPORIASIS
  - HEPATITIS A
  - HEPATITIS B - ACUTE
  - HEPATITIS B - CHRONIC
  - HEPATITIS B - PERINATAL
  - HEPATITIS C - ACUTE
  - HEPATITIS C - CHRONIC
  - KAWASAKI DISEASE
  - LEGIONELLOSIS
  - LEPROSY (HANSEN DISEASE)
  - LISTERIOSIS
  - MALARIA
  - MEASLES
  - STREPTOCOCCUS AGALACTIAE (GBS)
  - STREPTOCOCCUS PNEUMONIAE
  - STREPTOCOCCUS PYOGENES (GAS)
  - TRICHINOSIS
  - YERSINIOSIS
- This report includes both **NJDHSS-approved confirmed AND probable** cases for the following diseases.
  - BABESIOSIS
  - BRUCELLOSIS
  - CREUTZFELDT-JAKOB DISEASE - SPORADIC
  - DENGUE FEVER
  - EHRlichiosis/ANAPLASMOSIS – ANAPLASMA PHAGOCYTOPHILUM (PREVIOUSLY HGE)
  - EHRlichiosis/ANAPLASMOSIS – EHRlichia CHAFFEENSIS (PREVIOUSLY HME)
  - EHRlichiosis/ANAPLASMOSIS – UNDETERMINED
  - GIARDIASIS
  - GUILLAIN-BARRE SYNDROME
  - HAEMOPHILUS INFLUENZAE
  - HEMOLYTIC UREMIC SYNDROME
  - MENINGOCOCCAL DISEASE (NEISSERIA MENINGITIDIS)
  - MUMPS
  - PERTUSSIS
  - PSITTACOSIS
  - Q FEVER - ACUTE
  - Q FEVER - CHRONIC
  - ROCKY MOUNTAIN SPOTTED FEVER
  - SALMONELLOSIS

SHIGELLOSIS  
TOXIC SHOCK SYNDROME - STREPTOCOCCAL  
TULAREMIA  
TYPHOID FEVER  
VIBRIO INFECTIONS (OTHER THAN V.CHOLERAEE SPP.)  
WEST NILE VIRUS (WNV)

- This report includes **NJDHSS-approved confirmed, probable AND possible** cases for the following diseases.
  - LYME DISEASE
  - SHIGA TOXIN–PRODUCING E.COLI (STEC)
  - SHIGA TOXIN–PRODUCING E.COLI (STEC) - NON O157:H7
  - SHIGA TOXIN–PRODUCING E.COLI (STEC) - O157:H7
- This report includes **NJDHSS-approved confirmed, probable, possible and report under investigation (RUI)** cases for **FOODBORNE INTOXICATIONS - MUSHROOM POISONING**
- **CREUTZFELDT-JAKOB DISEASE** -- Cases are classified as confirmed or probable according to date of death. With Creutzfeldt-Jakob disease, date of death may be in the calendar year following identification of suspect cases. As such, the total number of cases in the CDRSS report is preliminary and may change when additional suspect cases are classified. Due to follow-up needed on Creutzfeldt-Jakob Disease – Sporadic, 7 cases have been DHSS Approved as Report Under Investigation (RUI) for the 2008 MMWR Year. One other case has been Confirmed and DHSS Approved in CDRSS for the 2008 MMWR Year.
- **EHRlichiosis/ANAPLASMOSIS – ANAPLASMA PHAGOCYTOPHILUM (PREVIOUSLY HGE), EHRlichiosis/ANAPLASMOSIS – EHRlichia CHAFFEENSIS (PREVIOUSLY HME), EHRlichiosis/ANAPLASMOSIS – EHRlichia EWINGII, and EHRlichiosis/ANAPLASMOSIS – UNDETERMINED** have been added to the nationally notifiable disease list in 2008.
- **HEPATITIS A** -- The NJDHSS case definition for a confirmed case of acute **HEPATITIS A** was revised as of 1/1/05. Thus, **HEPATITIS A** statistics cannot be compared to data prior to 2005.
- **HEPATITIS B and HEPATITIS C** -- Please note that there are 54 Hep B and 61 Hep C cases that have not been reported for MMWR Year 2008 because they are tied to an on-going investigation that will not be resolved in the near future. The current breakdown for the 115 cases is as follows: 7 Hepatitis B - unsubgrouped, 13 Hepatitis B Acute, 34 Hepatitis B Chronic, 46 Hepatitis C - unsubgrouped, 15 Hepatitis C Chronic, all are residents of Ocean County, New Jersey.
- **HEPATITIS B - PERINATAL** – one confirmed case was DHSS Approved and reported to CDC for the 2008 MMWR Year. Due to follow-up needed for the next 12 to 24 months on Perinatal Hepatitis B, 131 cases are still under investigation and will not be DHSS Approved for the 2008 MMWR Year.
- **LYME** -- Case definition has been changed in 2008 to report confirmed, probable and possible cases to NJDHSS. Only confirmed cases were reported to NJDHSS and CDC prior to 2008. Only confirmed and probable cases are currently reported to CDC.
- **Q FEVER - ACUTE and Q FEVER - CHRONIC** have been added to the nationally notifiable disease list in 2008 to report confirmed and probable. Only **Q FEVER**, with no subcategory, was reported to NJDHSS prior to 2008.
- **SHIGELLOSIS** – Although both probable and confirmed cases have been reported since 2005, the reporting of probable cases by local health departments increased in 2008 in direct response to increased DHSS outreach and education.

- VIBRIO INFECTIONS (OTHER THAN V.CHOLERAEE SPP.) - Includes Non 01/0139 cases per CDC guidance. Cholera Non 01/0139 has not been reported to CDC since 2006. Per CDC, Cholera Non 01/0139 cases are to be reported under Vibriosis (non-cholera Vibrio species infections) CDC code 11545. Cases need to be entered under Vibrio in CDRSS, not under retired Cholera - Non 01/0139. Case corrected for MMWR 2008 CDC final transmission.
- Cases of diseases listed above which are designated as nationally notifiable by the Centers for Disease Control (<http://www.cdc.gov/mmwr/summary.html>) are reported to CDC per MMWR print criteria (updated in January 2008). Some exceptions include:
  - STREPTOCOCCUS PNEUMONIAE - MMWR includes only cases among persons aged less than 60 months (5 years) old; New Jersey reports cases at all age groups. In 2008, 70 cases age less than 5 years old were reported to CDC from New Jersey.
  - MEASLES, RUBELLA, TETANUS, and HANTAVIRUS PULMONARY SYNDROME should include confirmed and unknown cases for CDC reporting. However, New Jersey does not utilize “unknown” case status in disease reporting. New Jersey reports confirmed cases only.
  - MUMPS, PERTUSSIS, HAEMOPHILUS INFLUENZAE, and HEMOLYTIC UREMIC SYNDROME should include confirmed, probable, and unknown cases for CDC reporting. However, New Jersey does not utilize “unknown” case status in disease reporting. New Jersey reports confirmed and probable cases only.
  - The Council of State and Territorial Epidemiologists (CSTE) requires that all PLAGUE and TULAREMIA cases be reported to CDC. NJDHSS reports confirmed and probable cases for both diseases.
- Please consult the Communicable Disease Service at 609-588-7500 for case definitions of reportable diseases listed in the report.
- Data source: CDRSS 2008 historical report (database created on May 21, 2009)