

DEPARTMENT OF COMMUNITY HEALTH

BUREAU OF EPIDEMIOLOGY

COMMUNICABLE AND RELATED DISEASES

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These rules become effective immediately upon filing with the Secretary of State unless adopted under sections 33, 44, or 45a(6) of 1969 PA 306. Rules adopted under these sections become effective 7 days after filing with the Secretary of State.

(By authority conferred on the department of community health by sections 5111 and 9227 of 1978 PA 368 and Executive Reorganization Order Nos.1996-1 and 1997-4, MCL 333.5111, 333.9227, 330.3101, 333.26324 and 333.5114.

R 325.171, R 325.172, R 325.173, R 325.174, R 325.176 and R 325.180 of the Michigan Administrative Code are amended and R 325.179a and R 325.179b are added as follows:

R 325.171 Definitions.

Rule 1. (1) As used in these rules:

(a) "Appropriate local health department" means the local health department that has jurisdiction where an individual who has a disease or condition that is required to be reported resides or the local health department of the county in which the service facility is located.

(b) "Code" means 1978 PA 368, MCL 333.1101.

(c) "Communicable" means capable of being transmitted from individual to individual, from animal to individual, or from an inanimate reservoir to an individual.

(d) "Department" means the Michigan department of community health.

(e) "Designated condition" means any condition that is designated in R 325.172 as any of the following:

(i) A serious communicable disease.

(ii) A serious infection.

(iii) A communicable disease.

(iv) An infection.

(v) A noncommunicable disease.

(f) "Director" means the state director of community health or his or her designee.

(g) "Epidemic" means any increase in the number of cases, above the number of expected cases, of any disease, infection, or other condition in a specific time period, area, or demographic segment of the population.

(h) "Local health officer" means the health officer, or designee, in the appropriate local health department.

(i) "Medical and epidemiological information" means any of the following:

(i) Medical histories.

(ii) Results of examinations.

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- (iii) Findings on laboratory tests.
- (iv) Diagnoses.
- (v) Treatments employed.
- (vi) Outcomes.
- (vii) The description and source of suspected causative agents.
- (viii) Any other information that is pertinent to an investigation which is requested by the local health department or the department in the course of that investigation.
- (j) "Novel influenza" is defined as any strains or subtypes of influenza viruses not included in the current year influenza vaccine formulation.
- (k) "Venereal disease" means any of the following:
  - (i) Syphilis.
  - (ii) Gonorrhea.
  - (iii) Chancroid.
  - (iv) Lymphogranuloma venereum.
  - (v) Granuloma inguinale.
- (2) Unless the context requires otherwise or as further clarified in these rules, terms defined in the code have the same meanings when used in these rules.

R 325.172 Designation and classification of diseases and infections.

Rule 2. (1) All of the following conditions are designated as serious communicable diseases:

- (a) Acquired immunodeficiency syndrome (AIDS).
- (b) Amebiasis.
- (c) Anaplasmosis.
- (d) Anthrax.
- (e) Arboviral Disease (includes West Nile virus, Eastern equine encephalitis, Western Equine Encephalitis, Powassan, St. Louis encephalitis, California-group (Lacrosse encephalitis)).
- (f) Aseptic (viral) meningitis.
- (g) Avian Influenza.
- (h) Blastomycosis.
- (i) Botulism.
- (j) Brucellosis.
- (k) Campylobacter enteritis.
- (l) Chancroid.
- (m) Chickenpox (Varicella).
- (n) Chlamydial disease, genital.
- (o) Cholera.
- (p) Coccidioidomycosis.
- (q) Cryptococcosis.
- (r) Cryptosporidiosis.
- (s) Cyclosporiasis.
- (t) Dengue fever.
- (u) Diphtheria.
- (v) Ehrlichiosis.
- (w) Encephalitis, viral.

- (x) Escherichia coli, Shiga toxin positive - serotype O157:H7 and others.
- (y) Giardiasis.
- (z) Glanders.
- (aa) Gonorrhoea.
- (bb) Granuloma inguinale (Donovanosis).
- (cc) Haemophilus influenzae disease, meningitis, or epiglottitis.
- (dd) Hantavirus pulmonary syndrome.
- (ee) Hemolytic Uremic syndrome (HUS), postdiarrheal.
- (ff) Hepatitis A.
- (gg) Hepatitis B.
- (hh) Hepatitis C.
- (ii) Hepatitis D.
- (jj) Hepatitis E.
- (kk) Histoplasmosis.
- (ll) Human immunodeficiency virus (HIV).
- (mm) Influenza.
- (nn) Legionellosis.
- (oo) Leprosy.
- (pp) Leptospirosis.
- (qq) Listeriosis.
- (rr) Lyme disease.
- (ss) Lymphogranuloma venereum.
- (tt) Malaria.
- (uu) Measles (Rubeola).
- (vv) Meningococcal disease, meningitis, or meningococemia.
- (ww) Meningitis, other bacterial.
- (xx) Mumps.
- (yy) Orthopox virus (includes smallpox and Monkeypox).
- (zz) Pertussis.
- (aaa) Plague.
- (bbb) Poliomyelitis, paralytic.
- (ccc) Psittacosis.
- (ddd) Q fever.
- (eee) Rabies, human.
- (fff) Rickettsial disease.
- (ggg) Rocky Mountain spotted fever.
- (hhh) Rubella.
- (iii) Rubella syndrome, congenital.
- (jjj) Salmonellosis.
- (kkk) Severe Acute Respiratory Syndrome (SARS).
- (lll) Shigellosis.
- (mmm) Spongiform encephalopathy (includes Creutzfeldt-Jakob disease).
- (nnn) Staphylococcus aureus infections, vancomycin intermediate/resistant VISA/VRSA).
- (ooo) Staphylococcus aureus infections methicillin resistant (MRSA) (outbreaks only).
- (ppp) Streptococcus pneumoniae infections, sterile sites, susceptible/resistant.
- (qqq) Streptococcal infections, Streptococcus pyogenes group A, sterile sites.

- (rrr) Syphilis.
  - (sss) Tetanus.
  - (ttt) Trachoma.
  - (uuu) Trichinosis.
  - (vvv) Tuberculosis.
  - (www) Tularemia.
  - (xxx) Typhoid fever.
  - (yyy) Typhus.
  - (zzz) Vibriosis.
  - (aaaa) Viral hemorrhagic fevers, (includes Lassa fever and Congo Crimean hemorrhagic fever).
  - (bbbb) Yellow fever.
  - (cccc) Yersinia enterocolitica.
  - (dddd) The unusual occurrence, outbreak, or epidemic of any condition, including healthcare-associated infections.
- (2) All of the following are designated as serious infections if a laboratory confirms their presence in an individual:
- (a) *Anaplasma phagocytophilum*.
  - (b) Arbovirus.
  - (c) *Bacillus anthracis*.
  - (d) *Bordetella pertussis*.
  - (e) *Borrelia burgdorferi*.
  - (f) *Brucella* species.
  - (g) *Calymmatobacterium granulomatis*.
  - (h) *Campylobacter* species.
  - (i) *Chlamydia psittaci*.
  - (j) *Chlamydia trachomatis*.
  - (k) *Clostridium botulinum*.
  - (l) *Clostridium tetani*.
  - (m) *Coccidioides immitis*.
  - (n) *Corynebacterium diphtheriae*.
  - (o) *Coxiella burnetii*.
  - (p) *Cryptococcus neoformans*.
  - (q) *Cryptosporidium* species.
  - (r) *Cyclospora* species.
  - (s) Dengue Virus.
  - (t) *Ehrlichia* species.
  - (u) Encephalitis (viral).
  - (v) *Entamoeba histolytica*.
  - (w) *Escherichia coli*, shiga toxin positive - serotype O157:H7 and others.
  - (x) *Francisella tularensis*.
  - (y) *Giardia lamblia*.
  - (z) *Haemophilus ducreyi*.
  - (aa) *Haemophilus influenzae* type B, sterile sites or in patients less than 15 years of age.
  - (bb) Hantavirus.
  - (cc) Hemorrhagic fever viruses.

- (dd) Hepatitis A, IgM.
- (ee) Hepatitis B surface antigen.
- (ff) HIV (Confirmed positive HIV serology and detection tests; CD4 counts/percents and all viral loads on people already known to be infected).
- (gg) Histoplasma capsulatum.
- (hh) Influenza virus.
- (ii) Legionella species.
- (jj) Leptospira species.
- (kk) Listeria monocytogenes.
- (ll) Meningitis, other bacterial.
- (mm) Measles (Rubeola) virus.
- (nn) Mumps virus.
- (oo) Mycobacterium bovis.
- (pp) Mycobacterium leprae.
- (qq) Mycobacterium tuberculosis.
- (rr) Neisseria gonorrhoeae.
- (ss) Neisseria meningitidis.
- (tt) Novel influenza.**
- (uu) Orthopox viruses.
- (vv) Plasmodium species.
- (ww) Poliovirus.
- (xx) Rabies virus.
- (yy) Rickettsia rickettsii.
- (zz) Rickettsia species.
- (aaa) Rubella virus.
- (bbb) Salmonella species.
- (ccc) SARS coronavirus.
- (ddd) Shigella species.
- (eee) Spongiform encephalopathy (includes Creutzfeldt-Jakob disease).
- (fff) Staphylococcus aureus, vancomycin intermediate/resistant VISA/VRSA.
- (ggg) Staphylococcus aureus, methicillin resistant - outbreak only.
- (hhh) Streptococcus pneumoniae, sterile sites, susceptible/resistant.
- (iii) Streptococcus pyogenes invasive, group A, sterile sites.
- (jjj) Treponema pallidum.
- (kkk) Trichinella spiralis.
- (lll) Varicella virus (Chickenpox).
- (mmm) Vibrio species.**
- (nnn) Yellow fever virus.
- (ooo) Yersinia enterocolitica.
- (ppp) Yersinia pestis.
- (qqq) The unusual occurrence, outbreak, or epidemic of any infection.
- (3) All of the following conditions are designated as noncommunicable diseases:
  - (a) Guillain-Barre syndrome.
  - (b) Kawasaki disease.
  - (c) Reye's syndrome.
  - (d) Rheumatic fever.

(e) Toxic shock syndrome.

R 325.173 Reporting and surveillance requirements.

Rule 3. (1) A physician shall report each case of a serious communicable disease specified in R 325.172, except for human immunodeficiency virus infection and acquired immunodeficiency syndrome, within 24 hours of diagnosis or discovery, to the appropriate health department. Reporting requirements for human immunodeficiency virus infection and acquired immunodeficiency syndrome are set out in MCL 333.5114 and subrules (12) to (14) of this rule.

(2) A physician shall report the unusual occurrence of any disease, infection, or condition that threatens the health of the public, within 24 hours of diagnosis or discovery, to the appropriate local health department.

(3) A physician shall report noncommunicable diseases specified in R 325.172 within 3 days of diagnosis or discovery, to the appropriate local health department.

(4) A physician may report any disease, infection, or condition that is not included in subrule (1), (2), or (3) of this rule to the appropriate local health department according to the physician's medical judgment.

(5) A laboratory shall report, within 24 hours of discovery, both of the following to the appropriate local health department:

(a) Laboratory evidence of any serious infection specified in R 325.172 except for human immunodeficiency virus which is governed by MCL 333.5114.

(b) Laboratory evidence of any other disease, infection, or condition that is judged by the laboratory director to indicate that the health of the public is threatened. A laboratory in this state that receives or processes specimens to be tested for the listed agents shall report a result confirming presence of a listed agent, even if the testing is not done on-site, for example, the specimen is shipped to an out-of-state reference laboratory for testing.

(6) When a physician or laboratory director suspects the presence of a designated condition, but does not have sufficient information to confirm its presence, the physician or laboratory shall report the designated condition as suspect to the appropriate local health department. Upon confirmation of the designated condition, a physician or laboratory director shall report the condition as confirmed to the appropriate local health department.

(7) A health facility infection control committee shall develop policies and procedures to ensure the appropriate reporting of designated conditions by physicians who treat individuals at that facility and by laboratories at that facility.

(8) All of the following individuals may report to the appropriate local health department any designated condition or any other disease, infection, or condition which comes to their professional attention and which poses a threat to the health of the public:

(a) An administrator, epidemiologist, or infection control professional from a health care facility or other institution.

(b) A dentist.

(c) A nurse.

(d) A pharmacist.

(e) A physician's assistant.

(f) A veterinarian.

(g) Any other health care professional.

(9) A primary or secondary school, child daycare center, or camp shall report, within 24 hours of suspecting, both of the following to the appropriate local health department:

(a) The occurrence among those in attendance of any of the serious communicable diseases specified in R 325.172, except for human immunodeficiency virus and acquired immunodeficiency syndrome which are governed by MCL 333.5131.

(b) The unusual occurrence, outbreak, or epidemic among those in attendance of any disease, infection, or condition.

(10) A report shall be directed to the appropriate local health department. A report may be written, oral, or transmitted by electronic media. A report shall be transmitted in a manner prescribed or approved by the appropriate local health department.

(11) Except as provided in subrules (13) and (14) of this rule, a required report by a physician shall contain all of the following information:

(a) The patient's full name.

(b) The patient's residential address, including street, city, village or township, county, and zip code.

(c) The patient's telephone number.

(d) The patient's date of birth, age, sex, race, and ethnic origin.

(e) The name of the disease, infection, or condition reported.

(f) The estimated date of the onset of the disease, infection, or condition, where applicable.

(g) The identity of the reporting person.

(h) Pertinent laboratory results.

(i) Any other information considered by the physician to be related to the health of the public.

(12) Acquired immunodeficiency syndrome (AIDS), human immunodeficiency virus (HIV) infection, tuberculosis, and venereal disease shall be reported by completing forms provided by the department.

(13) In addition to reporting requirements under section 5114 of the public health code for acquired immunodeficiency syndrome (AIDS), human immunodeficiency virus (HIV) infection, a physician shall report, if available, the ethnicity and country of birth, if known, of the test subject.

(14) Nothing in these rules is intended to limit use or disclosure of information needed by the department or local health department to carry out its responsibilities under the public health code as authorized by, but not limited to, MCL 333.5131.

(15) Viral influenza need only be reported by the number of cases identified during a specified time period or when influenza is suspected to have caused or contributed to mortality in a person aged less than 18 years, or if the infected individual traveled outside of North America within the 2 weeks prior to symptom onset.

(16) A required report by a laboratory shall contain all of the following information, except for human immunodeficiency virus and acquired immunodeficiency syndrome, which are governed by MCL 333.5114:

(a) The patient's full name.

(b) The patient's residential address, including street, city, village or township, county, and zip code.

(c) The patient's telephone number.

(d) The patient's date of birth or age.

(e) The patient's sex.

- (f) The specific laboratory test, date performed, and the results.
- (g) The name and address of the reporting laboratory.
- (h) The name, address, and telephone number of the ordering person.
- (17) To the extent that the information is readily available, a report of an unusual occurrence, outbreak, or epidemic of a disease, infection, or other condition shall include all of the following information:
  - (a) The nature of the confirmed or suspected disease, infection, or condition.
  - (b) The approximate number of cases.
  - (c) The approximate illness onset dates.
  - (d) The location of the outbreak.
- (18) Within 24 hours of receiving a report, a local health department shall communicate the report of an individual who has a serious communicable disease specified in R 325.172 or a serious infection specified in R 325.172 to the department and any other Michigan jurisdiction if the individual resides in that other jurisdiction.
- (19) Within 3 days of receiving a report, a local health department shall communicate the report of an individual who has a noncommunicable disease specified in R 325.172 to the department and another Michigan jurisdiction if the individual resides in that other jurisdiction.
- (20) Within 24 hours of receiving a report that concerns an individual who resides outside of this state, a local health department shall forward the report to the department.
- (21) Reports of designated conditions acquired by residents of a local health department's jurisdiction shall be recorded by the local health officer and shall be forwarded to the department in a format specified by the department.

R 325.176 Immunizations required of children attending group programs or entering school.

Rule 6. (1) As used in this rule:

- (a) "Certificate of immunization" means a medical, health department, school, or personal record which indicates the dates when each dose of a vaccine was given to an individual and which is certified by a health professional or local health department.
  - (b) "Exemption" means a temporary or permanent waiver of 1 or more of the specific immunization requirements for medical, religious, or other reasons.
  - (c) "Medical exemption" means a written statement from a physician that a vaccination is medically contraindicated for a particular child for a specified period of time.
  - (d) "Religious or other exemption" means a written statement which is signed by the parent, guardian, or person in loco parentis of a child, which certifies that immunization is in conflict with religious or other convictions of the signer, and which includes the name and date of birth of the child.
  - (e) "Vaccine" means an agent for immunization against an infection or disease caused by an infectious agent.
- (2) A child who is 2 months through 3 months of age and who is registered in a program of group residence or care shall have received at least all of the following vaccines:
- (a) One dose of any appropriate diphtheria vaccine.
  - (b) One dose of any appropriate tetanus vaccine.
  - (c) One dose of any appropriate pertussis vaccine.
  - (d) One dose of any appropriate poliovirus vaccine.
  - (e) One dose of any appropriate Haemophilus influenzae type B vaccine.



(f) One dose of any appropriate hepatitis B vaccine or a laboratory finding of hepatitis B immunity or disease satisfies this requirement.

(g) One dose of any appropriate pneumococcal conjugate vaccine.

(3) A child who is 4 months through 5 months of age and who is registered in a program of group residence or care shall have received at least all of the following vaccines:

(a) Two doses of any appropriate diphtheria vaccine.

(b) Two doses of any appropriate tetanus vaccine.

(c) Two doses of any appropriate pertussis vaccine.

(d) Two doses of any appropriate poliovirus vaccine.

(e) Two doses of any appropriate Haemophilus influenzae type B vaccine.

(f) Two doses of any appropriate hepatitis B vaccine or a laboratory finding of hepatitis B immunity or disease satisfies this requirement.

(g) Two doses of any appropriate pneumococcal conjugate vaccine.

(4) A child who is 6 months through 15 months of age and who is registered in a program of group residence or care shall have received at least all of the following vaccines:

(a) Three doses of any appropriate diphtheria vaccine.

(b) Three doses of any appropriate tetanus vaccine.

(c) Three doses of any appropriate pertussis vaccine.

(d) Two doses of any appropriate poliovirus vaccine.

(e) Two doses of any appropriate Haemophilus influenzae type B vaccine.

(f) Two doses of any appropriate hepatitis B vaccine or a laboratory finding of hepatitis B immunity or disease satisfies this requirement.

(g) Pneumococcal conjugate vaccine as shown by either of the following:

(i) Three doses of any appropriate pneumococcal conjugate vaccine.

(ii) Receipt of an age appropriate complete series of any appropriate pneumococcal conjugate vaccine.

(5) A child who is 16 months through 18 months of age and who is registered in a program of group residence, care, or camping shall have received at least all of the following vaccines:

(a) Three doses of any appropriate diphtheria vaccine.

(b) Three doses of any appropriate tetanus vaccine.

(c) Three doses of any appropriate pertussis vaccine.

(d) Two doses of any appropriate poliovirus vaccine.

(e) Haemophilus Influenzae type B vaccine age as shown by either of the following:

(i) Receipt of 1 dose of any appropriate haemophilus influenzae type B vaccine at or after 15 months of age.

(ii) Receipt of a complete series of any appropriate haemophilus influenzae type B vaccine.

(f) One dose of any appropriate live measles vaccine at or after 12 months of age. A laboratory finding of measles immunity satisfies this requirement.

(g) One dose of any appropriate live mumps vaccine at or after 12 months of age. A laboratory finding of mumps immunity satisfies this requirement.

(h) One dose of any appropriate live rubella vaccine at or after 12 months of age. A laboratory finding of rubella immunity satisfies this requirement.

(i) Two doses of any appropriate hepatitis B vaccine or a laboratory finding of hepatitis B immunity or disease satisfies this requirement.

(j) Pneumococcal conjugate vaccine as shown by either of the following:

- (i) Four doses of any appropriate pneumococcal conjugate vaccine.
  - (ii) Receipt of an age appropriate complete series of any appropriate pneumococcal conjugate vaccine.
- (6) A child who is 19 months through 4 years of age and who is registered in a program of group residence, care, or camping shall have received at least all of the following vaccines:
- (a) Four doses of any appropriate diphtheria vaccine.
  - (b) Four doses of any appropriate tetanus vaccine.
  - (c) Four doses of any appropriate pertussis vaccine.
  - (d) Three doses of any appropriate poliovirus vaccine.
  - (e) Haemophilus influenzae type B vaccine as shown by either of the following:
    - (i) Receipt of 1 dose of any appropriate Haemophilus influenzae type B vaccine at or after 15 months of age.
    - (ii) Receipt of a complete series of any appropriate Haemophilus influenzae type B vaccine.
  - (f) One dose of any appropriate live measles vaccine at or after 12 months of age. A laboratory finding of measles immunity satisfies this requirement.
  - (g) One dose of any appropriate live mumps vaccine at or after 12 months of age. A laboratory finding of mumps immunity satisfies this requirement.
  - (h) One dose of any appropriate live rubella vaccine at or after 12 months of age. A laboratory finding of rubella immunity satisfies this requirement.
  - (i) Three doses of any appropriate hepatitis B vaccine or a laboratory finding of hepatitis B immunity or disease satisfies this requirement.
  - (j) Have evidence of varicella immunity as shown by any of the following:
    - (i) One dose of any appropriate varicella vaccine at or after 12 months of age.
    - (ii) Laboratory evidence of varicella immunity.
    - (iii) A parent, guardian, person in loco parentis, or physician statement that the child has had varicella disease.
  - (k) Effective January 1, 2007, pneumococcal conjugate vaccine as shown by either of the following:
    - (i) Four doses of any appropriate pneumococcal conjugate vaccine.
    - (ii) Receipt of an age appropriate complete series of any appropriate pneumococcal conjugate vaccine.
    - (iii) Receipt of 1 dose of any appropriate pneumococcal conjugate vaccine at or after 24 months of age.
- (7) A child who is 5 years of age and who is registered in a program of group residence, care, or camping shall have received at least all of the following vaccines:
- (a) Four doses of any appropriate diphtheria vaccine.
  - (b) Four doses of any appropriate tetanus vaccine.
  - (c) Four doses of any appropriate pertussis vaccine.
  - (d) Three doses of any appropriate poliovirus vaccine.
  - (e) One dose of any appropriate live measles vaccine at or after 12 months of age. A laboratory finding of measles immunity satisfies this requirement.
  - (f) One dose of any appropriate live mumps vaccine at or after 12 months of age. A laboratory finding of mumps immunity satisfies this requirement.
  - (g) One dose of any appropriate live rubella vaccine at or after 12 months of age. A laboratory finding of rubella immunity satisfies this requirement.

(h) Three doses of any appropriate hepatitis B vaccine or a laboratory finding of hepatitis B immunity or disease satisfies this requirement.

(i) Have evidence of varicella immunity as shown by any of the following:

(i) One dose of any appropriate varicella vaccine at or after 12 months of age.

(ii) Laboratory evidence of varicella immunity.

(iii) A parent, guardian, person in loco parentis, or physician statement that the child has had varicella disease.

(8) A child who is 4 years through 6 years of age and who is entering school shall be in compliance with all of the following immunization requirements:

(a) Have received 4 doses of any appropriate diphtheria vaccine and, if a dose was not received on or after the fourth birthday, a booster dose at school entry.

(b) Have received 4 doses of any appropriate tetanus vaccine and, if a dose was not received on or after the fourth birthday, a booster dose at school entry.

(c) Have received 4 doses of any appropriate pertussis vaccine and, if a dose was not received on or after the fourth birthday, a booster dose at school entry.

(d) Have received 4 doses of any appropriate polio vaccine. If dose 3 was administered after the fourth birthday only 3 doses are required.

(e) Have evidence of measles immunity as shown by either of the following:

(i) Two doses of any appropriate live measles vaccine received after the first birthday, not less than 28 days apart.

(ii) Laboratory evidence of measles immunity.

(f) Have evidence of mumps immunity as shown by either of the following:

(i) Two doses of any appropriate live mumps vaccine received after the first birthday, not less than 28 days apart.

(ii) Laboratory evidence of mumps immunity.

(g) Have evidence of rubella immunity as shown by either of the following:

(i) Two doses of any appropriate live rubella vaccine received after the first birthday, at least 28 days apart.

(ii) Laboratory evidence of rubella immunity.

(h) Three doses of any appropriate hepatitis B vaccine or a laboratory finding of hepatitis B immunity or disease satisfies this requirement.

(I) Have evidence of varicella immunity as shown by any of the following:

(i) Beginning January 1, 2010, two doses of any appropriate live varicella vaccine at or after 12 months of age.

(ii) Laboratory evidence of varicella immunity.

(iii) A parent, guardian, person in loco parentis, or physician statement that the child has had varicella disease.

(9) A child who is 7 through 18 years of age and who is entering school or enrolled in grade 6, shall be in compliance with all of the following immunization requirements:

(a) Have received 4 doses of any appropriate diphtheria vaccine - 3 doses if the first dose was received on or after the seventh birthday.

(b) Have received 4 doses of any appropriate tetanus vaccine - 3 doses if the first dose was received on or after the seventh birthday.

(c) Beginning January 1, 2010, have received a dose of Tdap vaccine on or after the 11<sup>th</sup> birthday if 5 years have lapsed since the last dose of tetanus or diphtheria containing vaccine.

(d) Have received 3 doses of any appropriate poliovirus vaccine.

- (e) Have evidence of measles immunity as shown by either of the following:
  - (i) Two doses of any appropriate live measles vaccine received after the first birthday, not less than 28 days apart.
  - (ii) Laboratory evidence of measles immunity.
- (f) Have evidence of mumps immunity as shown by either of the following:
  - (i) Two doses of any appropriate live mumps vaccine received after the first birthday, not less than 28 days apart.
  - (ii) Laboratory evidence of mumps immunity.
- (g) Have evidence of rubella immunity as shown by either of the following:
  - (i) Two doses of any appropriate live rubella vaccine received after the first birthday, not less than 28 days apart.
  - (ii) Laboratory evidence of rubella immunity.
- (h) Receipt of a complete series of any appropriate hepatitis B vaccine or a laboratory finding of hepatitis b immunity or disease satisfies this requirement.
  - (i) Have evidence of varicella immunity as shown by any of the following:
    - (i) Beginning January 1, 2010, two doses of any appropriate live varicella vaccine at or after 12 months of age.
    - (ii) Laboratory evidence of varicella immunity.
    - (iii) A parent, guardian, person in loco parentis, or physician statement that the child has had varicella disease.
  - (j) Beginning January 1, 2010, individual 11 years of age or older have received 1 dose of meningococcal conjugate vaccine upon entry into 6<sup>th</sup> grade.
- (10) To satisfy the requirements in subrules (2) to (9) of this rule, each vaccine shall have been administered in accordance with the manufacturer's instructions. A 4-day grace leniency is allowed on the minimum ages and intervals for each vaccine.
- (11) If the requirements for immunization cannot be completed due to medical reasons within 4 months of admittance, a child shall be permitted to remain enrolled in a school or group program for a reasonable length of time that is consistent with good medical practice. A statement requesting the enrollment of the child beyond the exclusion date shall be signed by a physician or local health officer and shall certify that the child is in the process of complying with all immunization requirements. This medical exemption shall be filed with the child's school or group program immunization records until it can be replaced with proof that the vaccines for which an exemption was granted have been received. Upon completion of the required immunizations, a parent shall present the school or group program with a certificate of immunization.
- (12) When presented with a medical exemption, religious or other exemption, the administrator of a child's school or operator of a child's group program shall recognize the exemption status of the child.
- (13) A standard record of the immunizations required by this rule and exemptions shall be maintained by every school for every pupil on forms supplied by the department. When a pupil transfers to another school or school district, the record of immunization, or a true copy of the record, shall be sent to the new school by the original school.
- (14) All of the following information shall be provided to fulfill the requirements of section 9209(1) of the code:
  - (a) A listing, by child, of the number of doses of each vaccine received.
  - (b) The date of each immunization for each vaccine received in the series.

(c) A listing, by type of exemption granted, of the children who have exemptions.

(15) Not less than 95% of entering students in a school -- less the entering students who have medical, religious, or other exemptions -- shall have received vaccinations as outlined in subrules (8) and (9) of this rule.

(16) A principal of a school or operator of a group program shall make immunization records available for inspection by authorized representatives of the department or the appropriate local health department. The local health officer shall also make public clinic immunization records available to local schools or group programs for the purpose of verifying pupil immunizations.

(17) A requirement for immunization with a specific vaccine may be suspended temporarily at the request of the department director for reasons of inadequate vaccine supply.

#### R325.179 Submission of tuberculosis laboratory specimens and test results.

Rule 9. (1) For the purpose of this rule, "preliminary result" includes, but is not limited to, results from nucleic acid amplification tests, nucleic acid or other genetic probe tests, chromatographic or other such tests that may be performed prior to final culture identification of a clinical specimen.

(2) A laboratory that initially receives any clinical specimen which yields *Mycobacterium tuberculosis* complex, or yields a preliminary result indicative of *Mycobacterium tuberculosis* complex, is responsible for ensuring that the following are submitted:

(a) All preliminary results and any interpretation of those results to the appropriate local health department.

(b) The first *Mycobacterium tuberculosis* complex isolate, or subculture thereof, from the patient being tested for tuberculosis, to the department.

(c) Any *Mycobacterium tuberculosis* complex isolate, or subculture thereof, from a follow-up specimen, collected 90 days or more after the collection of the first *Mycobacterium tuberculosis* complex positive specimen.

#### R 325.179a. Submission of other designated conditions specimens.

Rule 9a. (1) A laboratory shall submit to the department the first isolate or subculture thereof, or specimen where appropriate, from the patient being tested, any of the following:

(a) Specimens suspected to contain and suspect isolates of any of the following:

(i) *Bacillus anthracis*.

(ii) *Brucella* species.

(iii) *Burkholderia pseudomallei*.

(iv) *Burkholderia mallei*.

(v) *Clostridium botulinum*.

(vi) *Coxiella burnetii*.

(vii) *Francisella tularensis*.

(viii) Orthopox viruses (including smallpox and monkey pox).

(ix) *Yersinia pestis*.

(b) Specimens that contain and isolates any of the following:

(i) *Corynebacterium diphtheriae*.

(ii) *Escherichia coli* 0157:H7 and all other shiga toxin positive serotypes.

(iii) *Haemophilus influenzae* (only if isolate collected from a normally sterile site or if patient is less than 15 years of age).

- (iv) *Listeria monocytogenes*.
- (v) *Neisseria meningitidis* (only if isolate collected from a normally sterile site)
- (vi) Novel influenza.
- (vii) *Salmonella* species including Typhi.
- (viii) Severe Acute Respiratory Syndrome (SARS) coronavirus.
- (ix) *Shigella* species.
- (x) *Staphylococcus aureus* (only vancomycin intermediate and resistant).
- (xi) *Vibrio cholera*.
- (xii) *Vibrio parahaemolyticus*.
- (xii) *Vibrio vulnificus*.

R 325.179b. Submission of HIV laboratory specimens.

Rule 9b. (1) A laboratory that receives any clinical specimen which yields results indicative of infection with human immunodeficiency virus (HIV) is responsible for ensuring that specimens are submitted to the department or to a laboratory designated by the department. These specimens include any of the following:

- (a) Remnant specimens from all positive western blot (WB) or immunofluorescent antibody (IFA) confirmed tests.
- (b) Remnant specimens from viral detection or quantitation tests upon request by the department within 3 months from specimen collection date, if available.
- (c) Remnant specimens from multiple reactive rapid enzyme immunoassay (EIA) tests that together constitute an HIV diagnosis.

R 325.180 Procedures for control of rabies; disposition of rabid animals.

Rule 10. (1) For the purposes of this rule, animals that are subject to rabies testing are any nonhuman mammals, except for rabbits or hares and rodents other than woodchucks.

(2) As used in this rule, "owner" means a person who has a right of property ownership of an animal, who keeps or harbors an animal, who has custody of an animal, or who permits an animal to remain on or about any premises occupied by the person.

(3) Any laboratory in this state that conducts examinations of animals for rabies shall report all of the following data to the department within 7 days after examination:

- (a) Species of animal.
  - (b) Name and address of the owner of the animal.
  - (c) Name and address of the person who submits the specimen.
  - (d) Name and address of the individuals who have been exposed to the animal or the name and address of the owner of the pet that has been exposed to the animal.
  - (e) Date and results of the examination.
- (4) A physician who performs a postmortem on the body of an individual who died of rabies or who was suspected of dying of rabies shall immediately submit nonpreserved portions of the hippocampus major and spinal cord to the department for rabies examination. A history of the case shall accompany the specimens.
- (5) An animal that has bitten an individual or otherwise potentially exposed an individual to rabies shall be handled pursuant to the provisions of the publication entitled "Compendium of Animal Rabies Control, 2008" issued by the national association of state public health veterinarians (NASPHV). The provisions of the publication entitled "Compendium of Animal Rabies Control, 2008" are adopted by reference in these rules. Copies of

this publication may be obtained from the State Public Health Veterinarian, Communicable Disease Epidemiology Division, Bureau of Epidemiology, Michigan Department of Community Health, 201 Townsend Street, 5<sup>th</sup> Floor, Lansing, Michigan 48909 at no cost as of the time of adoption of these rules.

(6) Any person who has knowledge of an animal bite where rabies is suspected shall, within 24 hours of the biting incident, report the bite to the appropriate local health department and to the local health department where the bite occurred. The report shall include all of the following information:

- (a) Animal species inflicting the bite.
- (b) Animal owner's name, address, and telephone number.
- (c) Vaccination status of the animal.
- (d) Date and location of the biting incident.
- (e) Name, address, and telephone number of the individual bitten.
- (f) Site of the bite on the body.
- (g) Name of the reporter of the bite.

(7) Upon request by the department or local health department, any person who has information regarding the identity, whereabouts, or vaccination status of an animal that has bitten an individual or otherwise potentially exposed an individual to rabies, or information about the owner of the animal, shall provide information about the animal or the animal's owner to the department or local health department.