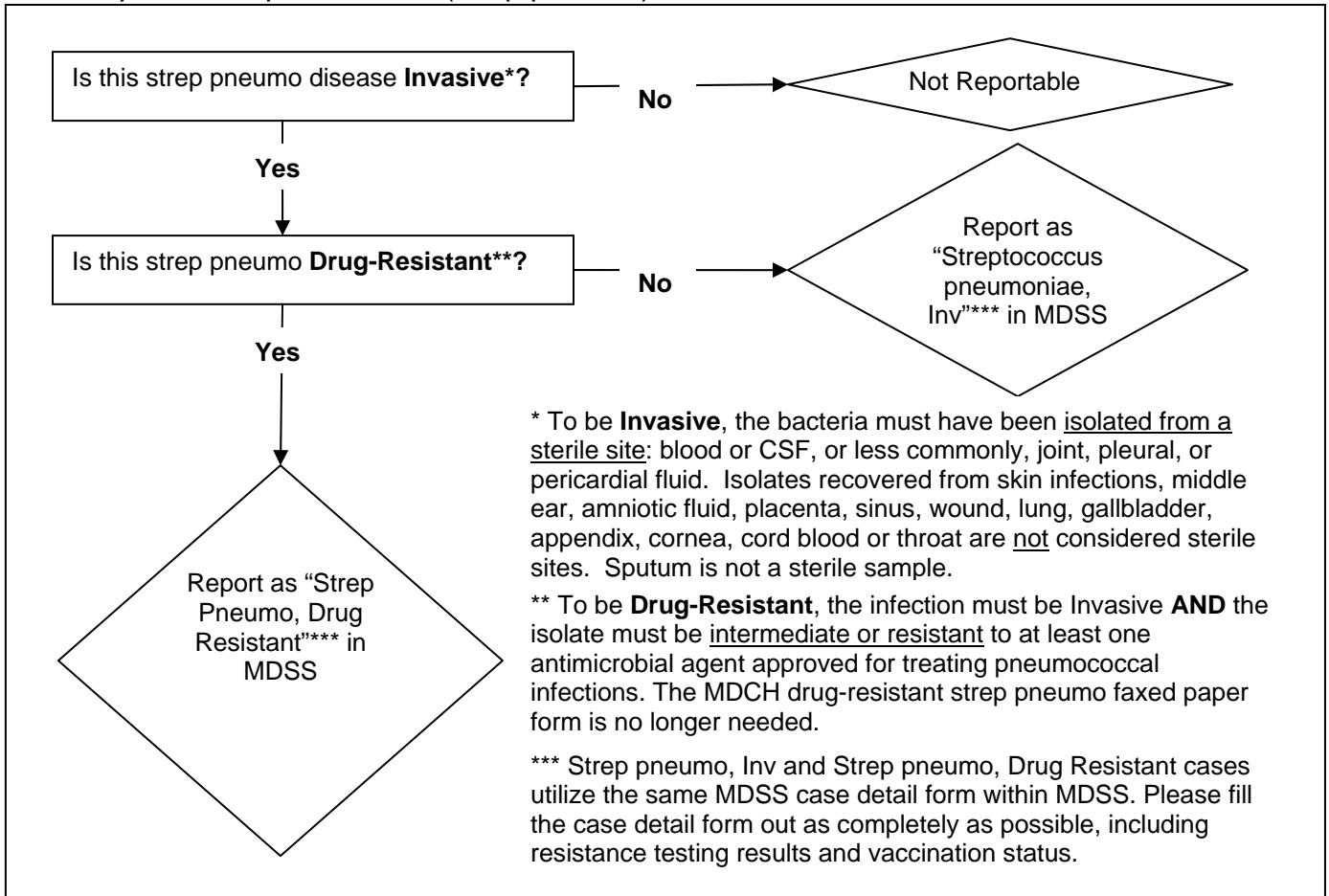# Update on Reporting of *Streptococcus pneumoniae* cases
March, 2010

Following the 2010 update to the national case definition for "Streptococcus pneumoniae, Invasive" and clarification of the reporting requirements from the CDC, MDCH is requesting that the following algorithm be used when entering cases of *Streptococcus pneumoniae* (strep pneumo) into the MDSS.

Is this strep pneumo disease **Invasive***? → **No** → Not Reportable

Yes ↓

Is this strep pneumo **Drug-Resistant***? → **No** → Report as "Streptococcus pneumoniae, Inv"*** in MDSS

Yes ↓

Report as "Strep Pneumo, Drug Resistant"*** in MDSS

* To be **Invasive**, the bacteria must have been isolated from a sterile site: blood or CSF, or less commonly, joint, pleural, or pericardial fluid. Isolates recovered from skin infections, middle ear, amniotic fluid, placenta, sinus, wound, lung, gallbladder, appendix, cornea, cord blood or throat are not considered sterile sites. Sputum is not a sterile sample.

** To be **Drug-Resistant**, the infection must be Invasive **AND** the isolate must be intermediate or resistant to at least one antimicrobial agent approved for treating pneumococcal infections. The MDCH drug-resistant strep pneumo faxed paper form is no longer needed.

*** Strep pneumo, Inv and Strep pneumo, Drug Resistant cases utilize the same MDSS case detail form within MDSS. Please fill the case detail form out as completely as possible, including resistance testing results and vaccination status.

Note on Reporting Bacterial Diseases, in General
Please use the most specific reportable condition available to report bacterial diseases; "Meningitis - Bacterial Other" should only be used if there is no other place to report a case. The following table is provided to assist with the classification of your reportable diseases.

Organism or Disease	Reportable Condition
Neisseria meningitidis	Meningococcal disease
Streptococcus pyogenes (Group A Strep)	Streptococcal Dis, Inv, Grp A
Haemophilis influenzae (Hib)	H. Influenzae Disease – Inv.
Listeria monocytogenes	Listeriosis
Streptococcus pneumoniae	**follow flow chart**
Meningitis caused by Group B *Streptococcus*	Meningitis – Bacterial Other
Meningitis caused by *Klebsiella* species	Meningitis – Bacterial Other