



Likely Etiologic Pathogens by Patient Category

Patient Category	Likely Pathogens (listed from most common to least common)
Outpatient, no cardiopulmonary disease or modifying factors	<i>S. pneumoniae</i> , <i>M. pneumoniae</i> , <i>C. pneumoniae</i> (alone or as mixed infection), <i>H. influenzae</i> , respiratory viruses, miscellaneous (<i>Legionella</i> sp., <i>M. tuberculosis</i> , endemic fungi)
Outpatient, with cardiopulmonary disease and/or modifying factors	<i>S. pneumoniae</i> (including DRSP), <i>M. pneumoniae</i> , <i>C. pneumoniae</i> , mixed infection (bacteria plus atypical pathogen or virus), <i>H. influenzae</i> , enteric gram-negatives, respiratory viruses, miscellaneous (<i>Moraxella catarrhalis</i> , <i>Legionella</i> sp., aspiration (anaerobes), <i>M. tuberculosis</i> , endemic fungi)
Inpatient, with cardiopulmonary disease and/or modifying factors	<i>S. pneumoniae</i> (including DRSP), <i>H. influenzae</i> , <i>M. pneumoniae</i> , <i>C. pneumoniae</i> , mixed infection (bacteria plus atypical pathogen), enteric gram-negative bacteria, aspiration (anaerobes), viruses, <i>Legionella</i> sp., miscellaneous (<i>M. tuberculosis</i> , endemic fungi, <i>P. carinii</i>)
Inpatient, with no cardiopulmonary disease or modifying factors	<i>S. pneumoniae</i> , <i>H. influenzae</i> , <i>M. pneumoniae</i> , <i>C. pneumoniae</i> , mixed infection (bacteria plus atypical pathogen), viruses, <i>Legionella</i> sp., miscellaneous (<i>M. tuberculosis</i> , endemic fungi, <i>P. carinii</i>)
Severe CAP, with no risks for <i>P. aeruginosa</i>	<i>S. pneumoniae</i> (including DRSP), <i>Legionella</i> sp., <i>H. influenzae</i> , enteric gram-negative bacteria, <i>S. aureus</i> , <i>M. pneumoniae</i> , respiratory viruses, miscellaneous (<i>C. pneumoniae</i> , <i>M. tuberculosis</i> , endemic fungi)
Severe CAP, with risks for <i>P. aeruginosa</i>	<i>S. pneumoniae</i> (including DRSP), <i>Legionella</i> sp., <i>H. influenzae</i> , enteric gram-negative bacteria, <i>S. aureus</i> , <i>M. pneumoniae</i> , respiratory viruses, miscellaneous (<i>C. pneumoniae</i> , <i>M. tuberculosis</i> , endemic fungi), <i>P. aeruginosa</i>

CAP = community-acquired pneumonia; DRSP = drug-resistant *Streptococcus pneumoniae*.

Table from *Physicians' Information and Education Resources (PIER), Community Acquired Pneumonia* module.