### Annex 8A Common Etiologies of Childhood Pneumonia in Low- and Middle-Income Countries


<table>
<thead>
<tr>
<th>Age range</th>
<th>Most common causative organism</th>
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</table>
| Young infants (0-59 days)  | **Bacterial:** *Streptococcus agalactiae* (GBS), *Streptococcus pyogenes*, *Staphylococcus aureus*, *Klebsiella*, and *E. coli* *<sup>*</sup>  
**Viral:** respiratory syncytial virus                                                                                                                 |
| Older infants (2-12 months)| **Bacterial:** *Haemophilus influenzae* (including non-typable strains), *Streptococcus pneumoniae*, *S. aureus*  
**Viral:** RSV, influenza (type A and B), parainfluenza, human metapneumovirus, rhinovirus, adenovirus, coronaviruses, human bocavirus                                                                 |
| 12-59 months              | **Bacterial:** *H. influenzae* (including non-typable strains), *S. pneumoniae*, *S. aureus*  
**Viral:** RSV, influenza (type A and B), parainfluenza, human metapneumovirus, rhinovirus, adenovirus, coronaviruses, human bocavirus                                                                 |

*Neonatal pathogens mirror sepsis pathogens

Source: