Pneumonia: Organism by Context

The patient and the associated findings point to the most likely germ before the culture

CH — **Child or adolescent**
Mycoplasma, pneumococcus

AD — **Adult**
pneumococcus (the most frequent)

HOS — **Hospitalized**
gram-negative bacilli

ASP — **Aspiration**
anaerobes

LEG — **+ diarrhea, confusion**
Legionella

CHL — **+ bleeding**
Chlamydia

KLE — **+ bulging fissure**
Klebsiella

Diarrhea + confusion
+ low sodium: Legionella

Alcohol use
Bulging fissure, Klebsiella

COPD
Add Haemophilus influenzae

Pneumococcus is the most frequent overall · Legionella does not spread person to person: contaminated water (cooling towers)