

# Multidrug-Resistant Organisms (MDRO) Tiers for Nebraska

Tier	Definition of Included Organisms and Mechanisms	Examples (not all inclusive) of organisms/mechanisms for Nebraska	Transmission-Based Precautions Recommendations
Tier 1	Never (or very rarely) been identified in the United States and for which experience is extremely limited	Novel Carbapenemases	Contact precautions until otherwise recommended by HAI/AR team
Tier 2	Primarily associated with healthcare settings and are not commonly identified in the region (i.e., not been previously identified in the region or have been limited to sporadic cases or small outbreaks), corresponding to “not detected” or “limited to moderate spread” epidemiologic stages.  No current treatment options exist (pan not-susceptible) and potential to spread more widely.	Pan-resistant organisms*  <i>Candida auris</i>  Carbapenemase (e.g., KPC, NDM, OXA-48, VIM, IMP) producing organisms (CPO) <ul style="list-style-type: none"> <li>• Enterobacterales</li> <li>• <i>Pseudomonas aeruginosa</i></li> <li>• <i>Acinetobacter Baumannii</i></li> </ul>	Contact Precautions  <i>Long-term Care Facilities (LTCF):</i> Enhanced barrier precautions (EBP) recommended for colonized resident(s)**
Tier 3	Include MDROs targeted by the facility or region for epidemiologic importance that have been identified frequently across a region, indicating advanced spread, but are not considered endemic	<ul style="list-style-type: none"> <li>• Extended spectrum beta-lactamase (ESBL) producing organisms</li> <li>• Carbapenem-resistant <i>Enterobacterales</i> (CRE)</li> <li>• Carbapenem-Resistant <i>Pseudomonas aeruginosa</i> (CRPA)</li> </ul>	Contact Precautions  <i>Long-term Care Facilities (LTCF):</i> Enhanced barrier precautions (EBP) considered for colonized resident(s)**
Tier 4	Endemic in a region and have been targeted by public health for their clinical significance and potential to spread rapidly	<ul style="list-style-type: none"> <li>• Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA)</li> <li>• Vancomycin-Resistant Enterococci (VRE)</li> </ul>	Contact precautions per facility risk assessment  <i>Long-term Care Facilities (LTCF):</i> Enhanced barrier precautions (EBP) considered for colonized resident(s)**

\* Colonization screening may not be indicated for this organism.

\*\*Contact precautions for acute/active infections or uncontained drainage/secretions