

Disclosure

 Merck & Co. Inc – Principal Investigator for an investigator-initiated research grant focused on training consultant pharmacist in antibiotic stewardship implementation in LTCF



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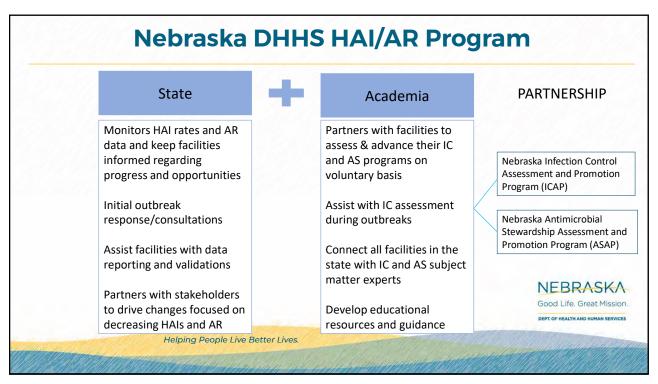
Objectives

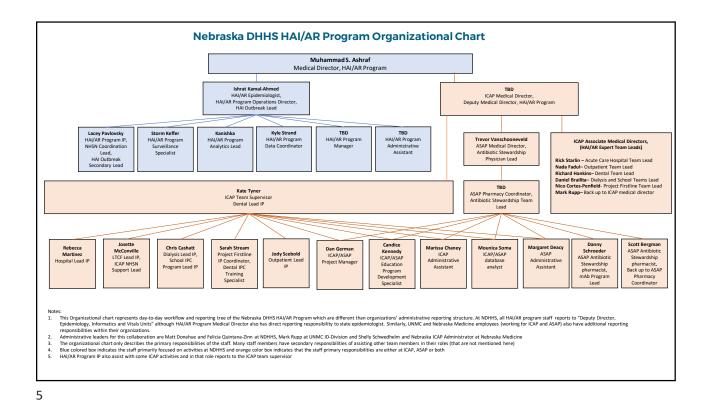
- Review trends in healthcare-associated infections and antimicrobial resistance (HAI/AR) in Nebraska
- Identify opportunities for improvement related to infection prevention and control (IPC) and antimicrobial stewardship (AS) programs
- Discuss upcoming and ongoing projects focused on strengthening IPC and AS programs in healthcare facilities and decreasing HAI/AR



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HAI/AR Program Focus Areas

- · CAUTI Cather Associated Urinary Tract Infection
- · CLABSI Central Line Associated Bloodstream Infection
- · SSI Surgical Site Infections
- CDI C. difficile infections
- · MRSA bloodstream infections
- VAE Ventilator Associated Events
- CRE Carbapenem Resistant Enterobacterales
- CPO Carbapenemase Producing Organisms
- · Any other highly resistant or novel pathogens (e.g. C. auris, VISA/VRSA etc.)
- Outbreak prevention and containment (associated with HAI/AR)
- · Infection Control Assessment and Response (ICAR)
- · Antimicrobial Stewardship (AS) Program Assessment and Response
- Education and Training

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https://www.cdc.gov/hai/data/portal/progress-report.html

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HAIs are Reportable in Nebraska - Title 173

1-003.01C Reporting by Healthcare Facilities in lieu of Physicians for Healthcare Associated Infections (HAIs): Healthcare Associated Infections (HAIs) that are reported by healthcare facilities to CDC's NHSN are reportable. If a healthcare facility provides access to NSHN Healthcare Associated Infection (HAI) data to the department and its local public health department and Healthcare Associated Infections (HAIs) are reported to NHSN on a quarterly basis aligning with the CMS Reporting Schedule, the physician is not required to make the Healthcare Associated Infection (HAI) report. Physicians remain obligated to report Healthcare Associated Infections (HAIs) when access to NHSN data is not provided to the department. In the event of an outbreak, the department has the authority to require Healthcare Associated Infection (HAI) data reports from facilities not currently reporting to NHSN.

1-004.01B Clusters, Outbreaks, or Unusual Events, Including Possible Bioterroristic Attacks*: Clusters, outbreaks, or epidemics of any health problem, infectious or other, both in the community and in healthcare settings, including food poisoning, healthcare-associated outbreaks or clusters, influenza, or possible bioterroristic attack; increased disease incidence beyond expectations; unexplained deaths possibly due to unidentified infectious causes; and any unusual disease or manifestations of illness must be reported immediately.

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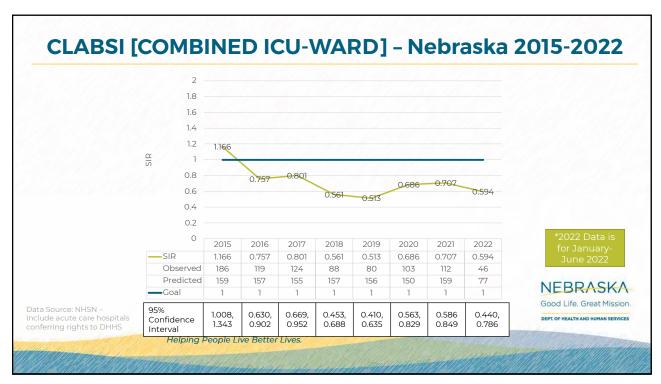
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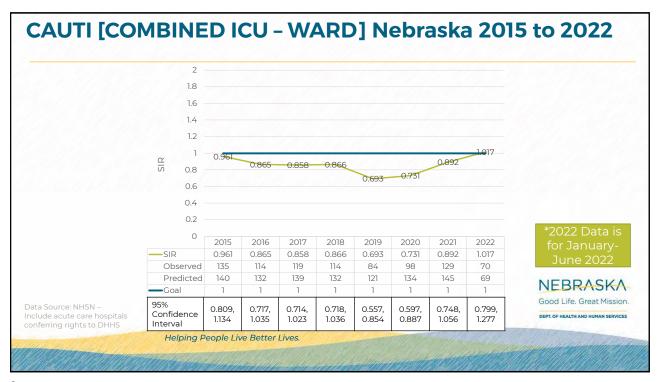
DEPT. OF HEALTH AND HUMAN SERVICE

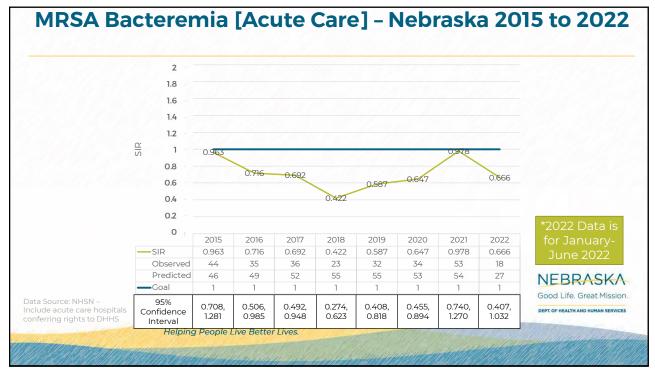
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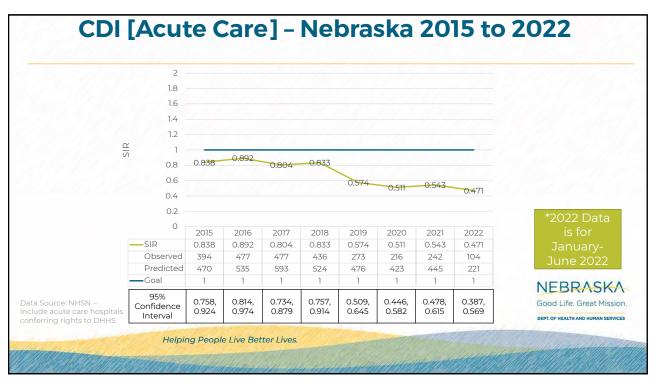
https://www.nebraska.gov/rules-and-regs/regsearch/Rules/Health_and_Human_Services_System/Title-173/Chapter-

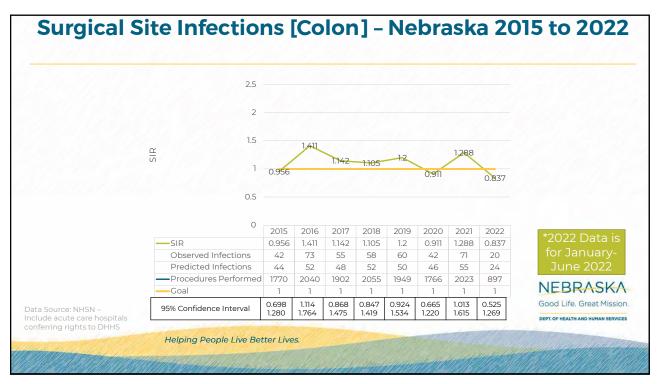
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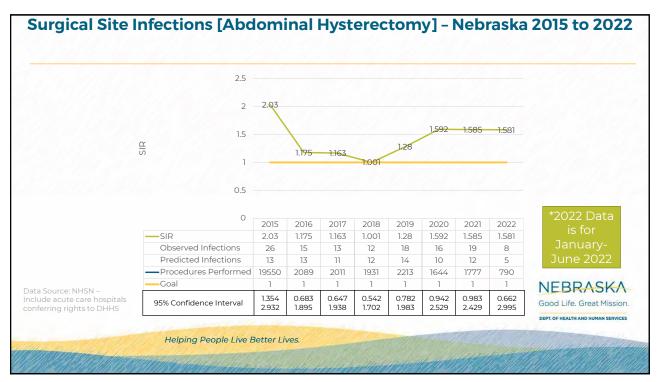


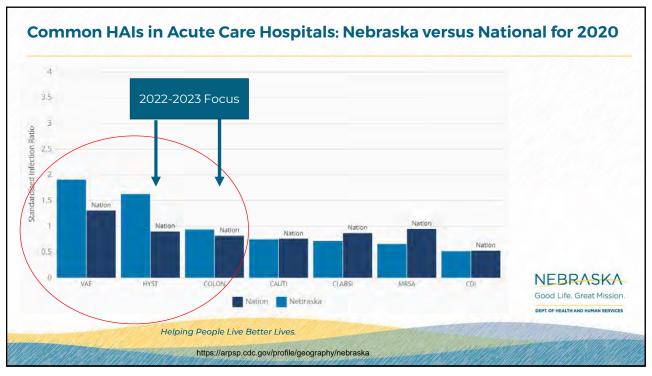












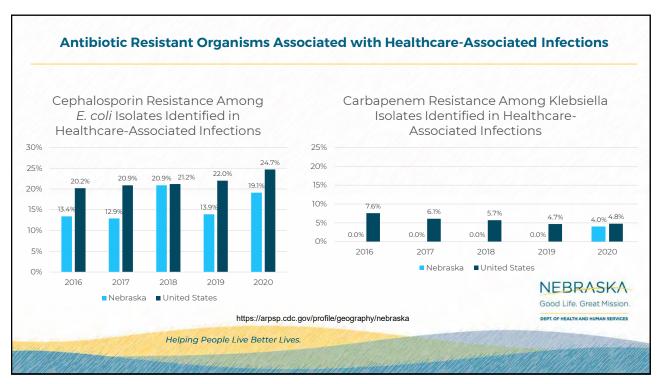
Surgical Site Infections - Planned Activities

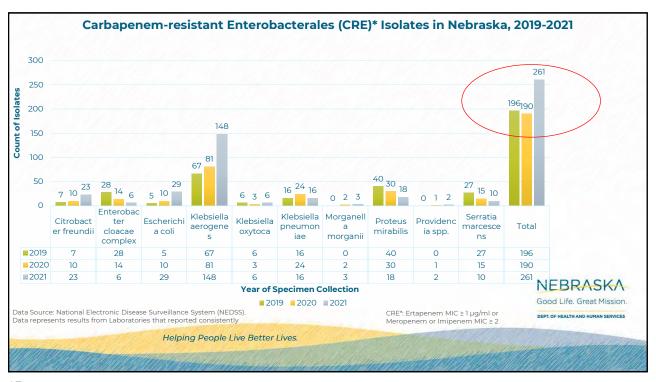
- Development of SSI subcommittee of Nebraska HAI/AR Advisory Council
 - Statewide survey of protocols and procedures related to SSI prevention
 - Establishing joint collaboratives to share best practices, lessons learned and mitigation strategies for encountered challenges
 - Creating best practice guidance, tools and resources for all Nebraska hospitals
- One-on-one outreach and assistance, as needed, for healthcare facilities with higher SSI SIR

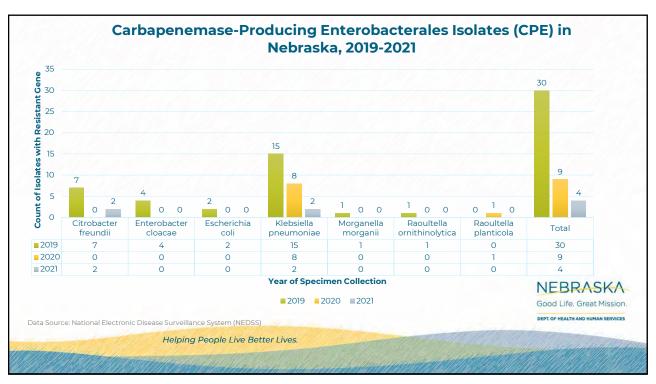


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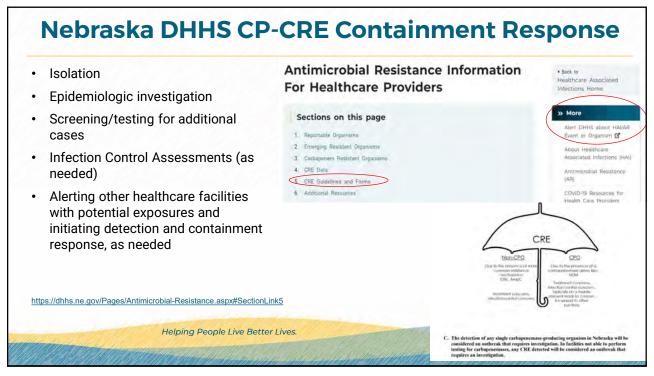
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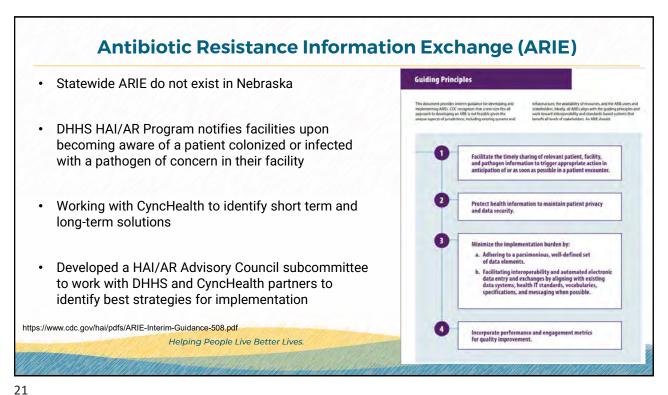


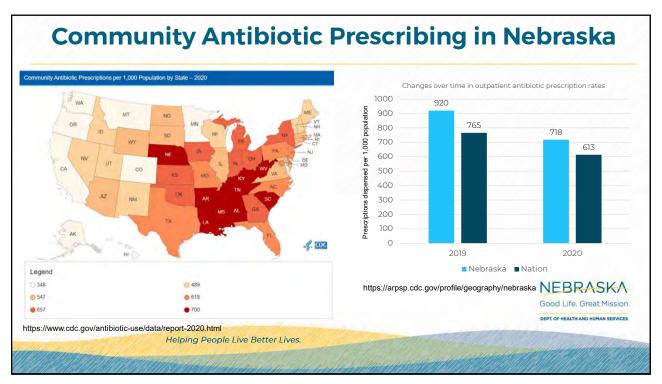


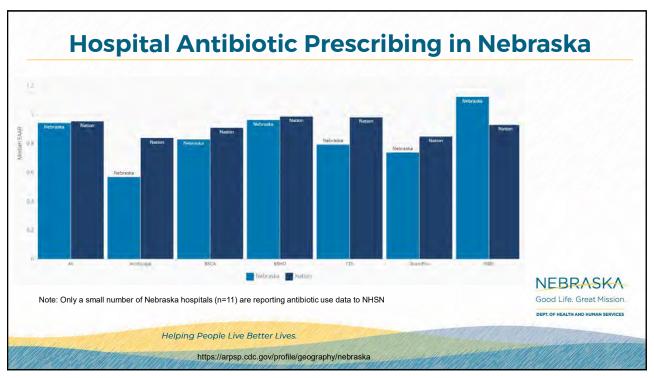


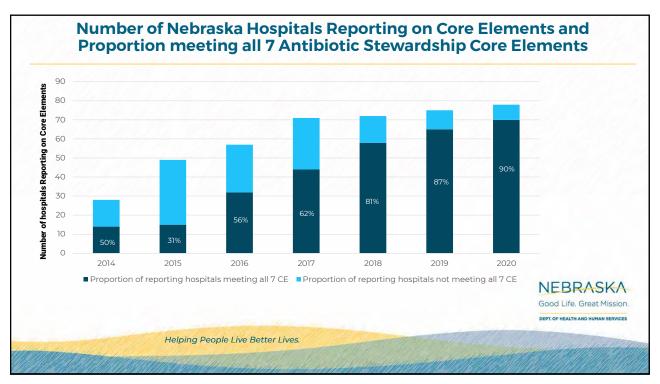
				019-2021			
	Year	КРС	NDM	OXA-181	OXA-48	Total	
	2019	18	9	3	0	30	
	2020	8	0	0	1	9	
	2021	3	0	0	1	4	
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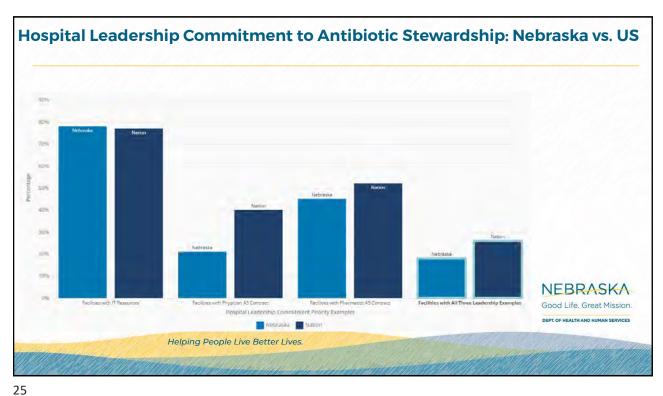










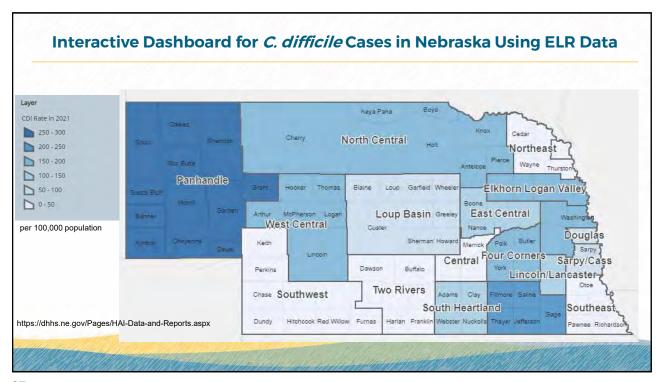


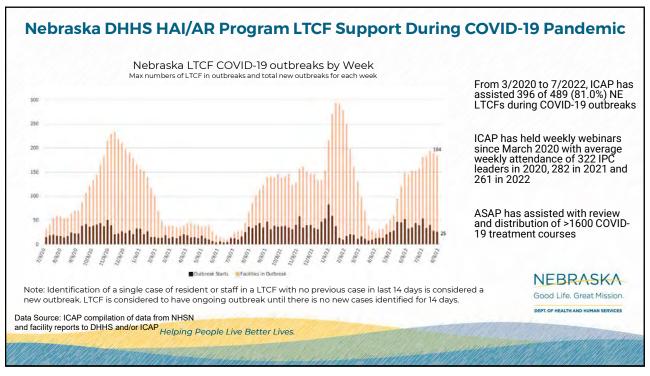
Specific Steps for Improving Antibiotic Stewardship Programs

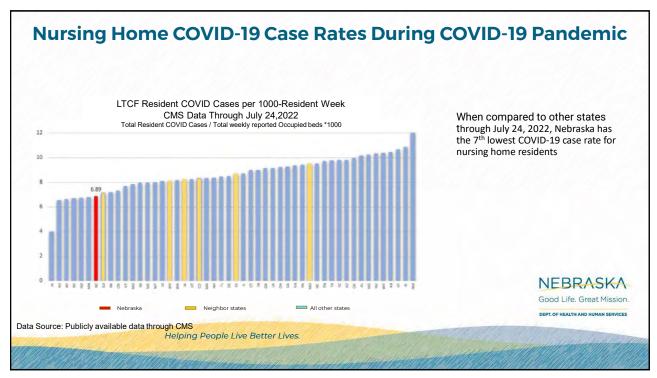
- Promoting use of NHSN Antimicrobial Use and Resistance (AUR) module [Partial cost reimbursement proposal in development]
- Recognition of facilities meeting all antibiotic stewardship core elements and looking to further strengthen their program
- Free antibiotic stewardship program assessments and feedback through Nebraska ASAP initiative
- Collaboration with LTC consultant pharmacists focusing on improving antibiotic stewardship in LTC settings
- Sharing data with healthcare facilities at local health department level

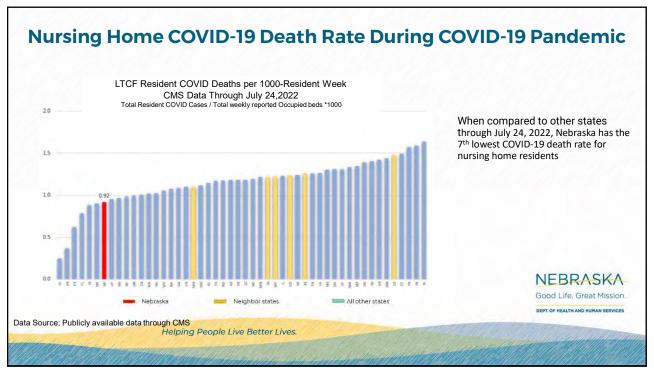
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Expanding IPC Support to Nebraska LTCF (SNF and ALF)

- LTCF Strike Team Project (Partial cost reimbursement available for facilities meeting specific criteria)
 - Training a few LTCF staff in each facility on performing N-95 fit testing
 - Newly trained staff in each LTCF fit testing all their staff
 - Provision of fit testing equipment to each LTCF
 - Facilitating training of additional infection preventionists in each LTCF
 - Facilitating training of basic infection control champions (frontline staff)
 - Organizing virtual LTCF basic infection control champions meeting on regular interval
- Working with NICN to offer additional Basic IP training courses in the coming year



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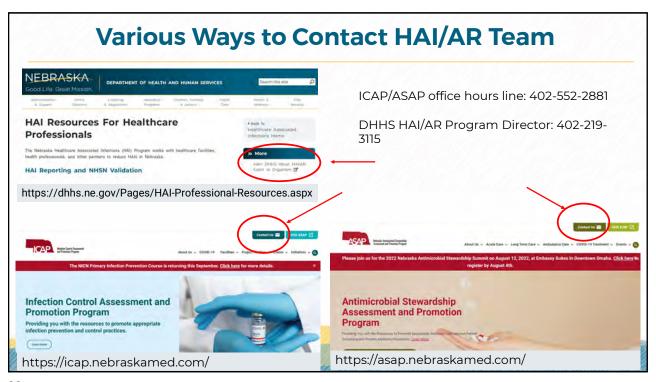
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Additional ICAP initiatives for All Healthcare Settings

- Voluntary free infection control assessments for all healthcare settings upon request
- Infection preventionist mentoring program
- Individualized IPC training sessions for healthcare facilities staff through Project Firstline
- IPC office hours
- Social media outreach for infection control education of frontline healthcare workers
 - Facebook, LinkedIn, Twitter
 - Mouthy IP podcast
 - Dirty Drink podcast
 - Dental IPC bites (Newsletter)
 - Nebraska ASAP YouTube Channel



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In many areas related to HAI/AR, Nebraska is either better or similar than the national average Collaborative efforts from all relevant stakeholders has been instrumental over the years Improvement opportunities exist in several areas (especially SSI, VAE, NHSN use, outpatient antibiotic prescribing) Additional data need to be collected in various areas to inform further improvement (e.g. CE implementation and antibiotic use in outpatient and LTC settings, impact of health disparities on HAI/AR NEBRASKA Good Life, Great Mission. BERASKA GOOD LIFE GREATH AND WHAMA SERVICES Helping People Live Better Lives.

