

NEBRASKA DHHS HEALTHCARE-ASSOCIATED INFECTIONS AND
ANTIMICROBIAL RESISTANCE PROGRAM

NEBRASKA STATE ANTIBIOGRAM REPORT 2025



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Published August 2026

Executive Summary

An antibiogram is a summary report of antimicrobial susceptibilities of local bacterial isolates submitted to a microbiology laboratory over a defined period (usually one year). It shows the percentage of bacterial pathogens that are susceptible to various antibiotics and is typically presented in a table format.

Antibiograms are a critical tool for clinicians, pharmacists, and infection preventionists. They help guide empiric antibiotic therapy decisions—especially before culture results are available—by providing insight into local resistance patterns.

In addition to informing treatment, antibiograms also play a key role in antibiotic stewardship by promoting the selection of narrow-spectrum agents when appropriate and helping reduce inappropriate antibiotic use, which can drive resistance.

Disclaimers & Limitations

The data to create the antibiograms found within this report was retrieved from electronic lab reports submitted to the Nebraska Electronic Disease Surveillance System (NEDSS).

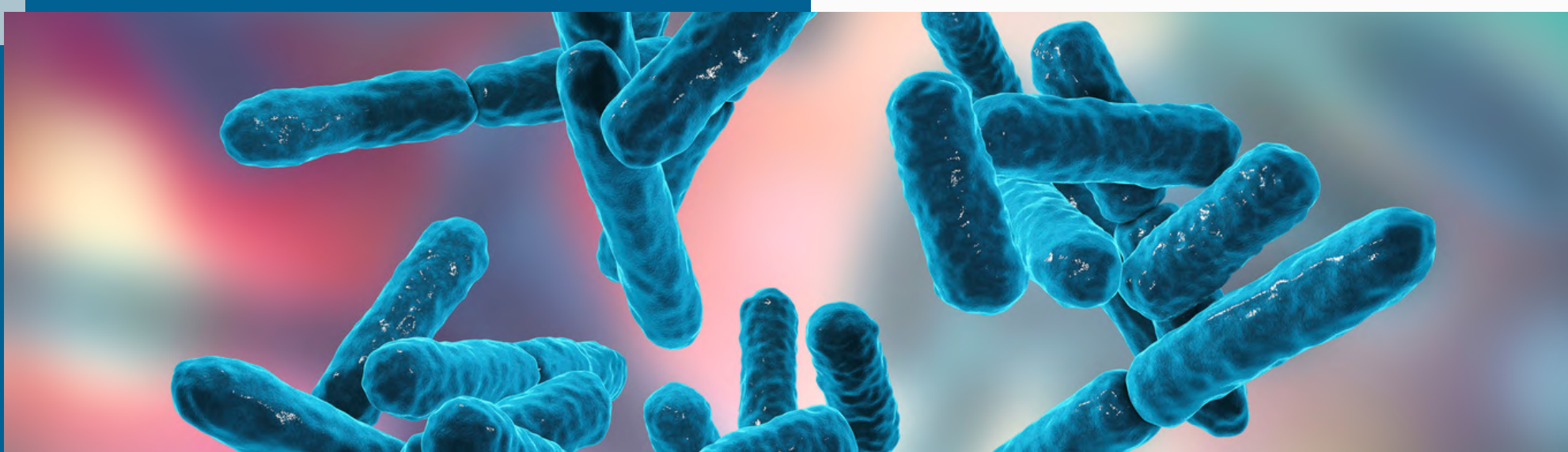
The report contains only the first isolate submitted per patient in 2025 and includes specimens from all locations (inpatient and outpatient) and all sources (e.g. urine, respiratory, blood, etc.). Organisms with susceptibility results from 10 or fewer isolates were excluded.

Please note, some laboratories choose to suppress certain antibiotic susceptibility results for some organisms for antibiotic stewardship purposes. Therefore, not all isolates will have results for all antibiotics available. For a particular organism, if the number of isolates tested for a specific drug is much lower than the total isolates tested for other drugs, the results may not be reflecting the true susceptibility pattern and may overcall resistance or susceptibility.

Data are the result of single microorganism-antimicrobial combinations and, therefore, do not show trends in cross-resistance of microorganisms to other drugs (multi-drug resistance), nor do they reveal synergistic properties of antimicrobials used in combination.

Additional limitations of antibiograms include potential sampling biases, incomplete data extraction, and variations in data collection and interpretation methodologies across different institutions.





Purpose of the Report

- Antibigrams are valuable tools for tracking changes in antimicrobial resistance patterns over time. Public health departments can utilize antibiogram data to monitor susceptibility and resistance profiles across jurisdictions.
- Facilities should continue to develop and use their own institutional antibiograms. Statewide antibiograms offer a broader view and can provide insight on trends in a particular jurisdiction.
- This information is vital for understanding the epidemiology of antimicrobial resistance and informing public health interventions to combat its spread at the local health jurisdiction and state level.
- Regional antibiograms, which aggregate data from multiple facilities in a region, can be used to benchmark local data and identify regional differences in resistance patterns.

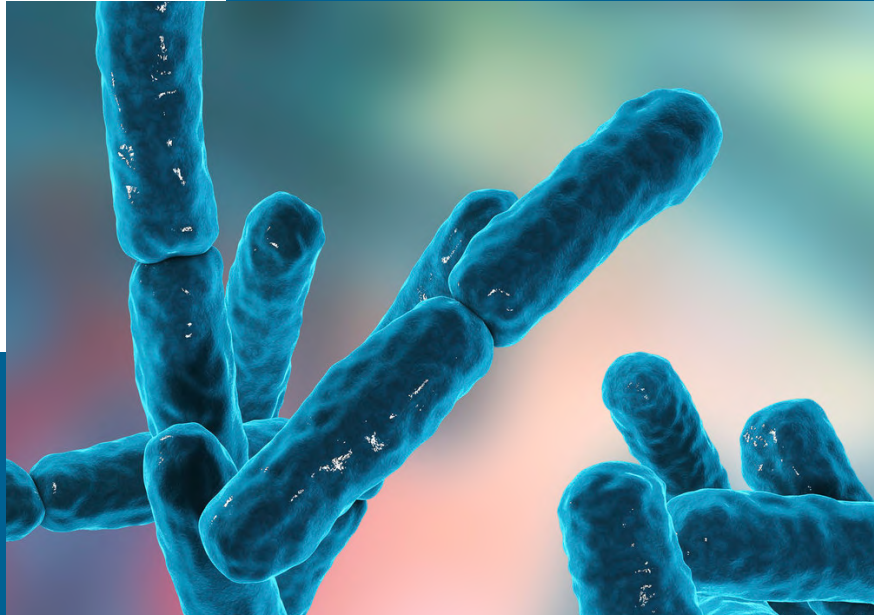
Table of Contents

- ◆ **Nebraska Statewide Antibiogram**
- ◆ **Local Health Department Antibiograms**
- ◆ **Antibiotic Susceptibility Heat Maps of Significant Drug-Bug Combinations**
- ◆ **Trends in Antibiotic Susceptibility in Nebraska, 2020-2025**
- ◆ **Supplemental Data**

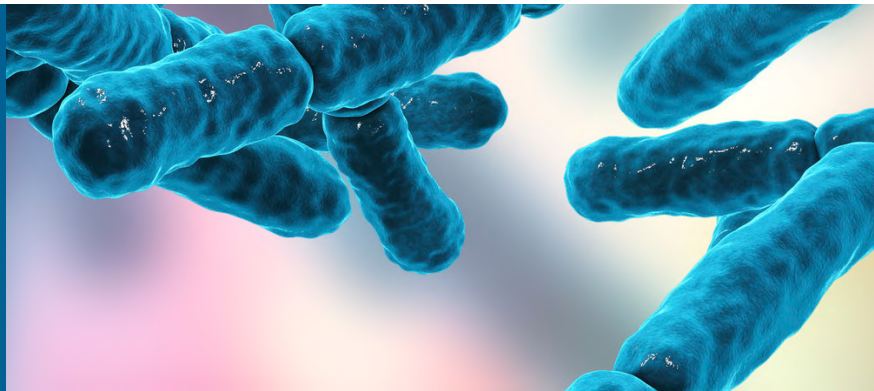
Interpreting Antibigrams

- Antibiogram layout
 - Antibiotics are grouped by class and are listed across the top row
 - Bacterial isolates are listed horizontally and arranged alphabetically
 - The total number of isolates that were included in this report for a specific bacteria are listed in the second column
 - The percentage of isolates that are **susceptible** is listed first, followed by the number of isolates tested for the drug-bug combination
 - Note: not all antibiotic susceptibilities are available for all drug-bug combinations
 - Spaces with a dash (-) indicate that the drug-bug combination is not routinely tested
 - “R” indicates that the bug is intrinsically resistant to the antibiotic
- Antibiogram Interpretation
 - Usually, a susceptibility rate over 90% indicates more susceptible options and will be represented by a green highlight.
 - On the other hand, susceptibility rate of less than 70% may indicate highly resistant options and are represented by a red highlight
 - Review Organism Distribution: Note the total number of isolates mentioned in parenthesis for different bacterial species to understand common pathogens.
 - Use caution interpreting susceptibility results:
 - With <30 isolates, which is indicated by a ^
 - Gray boxes indicate not enough data to interpret as more than 30% of susceptibility data is not available for the drug-bug combination
 - Interpretation Key:

Percent Susceptible Key:	100-90	89-70	<70	Not enough data to interpret, >30% of susceptibility data not available	(-) = Indicate drug not routinely tested or suppressed due to counts <= 10 (R) = Intrinsically resistant (^)= Use caution interpreting results with < 30 isolates available



Nebraska Statewide Antibigram



2025 Nebraska Statewide Antibioqram

Includes Inpatient and Outpatient isolates from all specimen types, first isolate per patient

Data Displayed as: % Susceptible (Number of Available Isolates)

	Total_Isolates	Amoxicillin_Clav	Ampicillin	Amp_Sulbactam	Oxacillin	Penicillin	Piperacillin_Tazo	Cefazolin	Cefuroxime	Cefoxitin	Ceftriaxone	Ceftazidime	Cefepime	Ceftolozane_Tazoz	Ertapenem	Meropenem	Levofloxacin	Gentamicin	Tobramycin	Tetracycline	Nitrofurantoin	Trimethoprim_Sulfa	Clindamycin	Daptomycin	Linezolid	Vancomycin
GRAM NEGATIVE ORGANISMS																										
<i>Acinetobacter sp.</i>	132	R	R	95% (117)	-	-	76% (58)	R	R	R	80% (44)	90% (99)	92% (87)	-	R	96% (104)	95% (108)	94% (79)	95% (98)	91% (44)	R	90% (121)	-	-	-	-
<i>Citrobacter freundii</i>	656	R	R	R	-	-	92% (465)	R	R	R	92% (497)	89% (305)	99% (592)	-	98% (444)	99% (466)	95% (644)	96% (652)	94% (326)	84% (325)	95% (605)	89% (560)	-	-	-	-
<i>Citrobacter koseri</i>	521	99% (297)	R	99% (279)	-	-	98% (505)	97% (370)	90% (223)	97% (217)	99% (456)	100% (243)	100% (396)	99% (158)	100% (379)	100% (378)	99% (507)	99% (508)	100% (281)	98% (264)	80% (459)	99% (450)	-	-	-	-
<i>Enterobacter cloacae complex</i>	1370	R	R	R	-	-	84% (1008)	R	R	R	71% (686)	95% (619)	97% (1285)	-	88% (721)	100% (702)	95% (1310)	99% (1330)	97% (672)	91% (565)	35% (1008)	94% (1361)	-	-	-	-
<i>Escherichia coli</i>	31664	84% (10797)	62% (31585)	64% (23798)	-	-	95% (24060)	85% (26994)	84% (9373)	90% (7872)	95% (28011)	98% (10916)	94% (19987)	99% (8059)	100% (16231)	100% (16940)	83% (29753)	93% (30625)	89% (11112)	79% (10964)	98% (29440)	81% (31509)	-	-	-	-
<i>Haemophilus influenzae</i>	75	92% (24)^	74% (73)	-	-	-	-	-	-	-	100% (57)	-	-	-	-	100% (16)^	100% (40)	-	-	81% (37)	-	64% (58)	-	-	-	-
<i>Klebsiella aerogenes</i>	820	R	R	R	-	-	89% (605)	R	69% (327)	R	83% (695)	94% (398)	98% (762)	-	96% (563)	100% (419)	97% (794)	99% (807)	99% (394)	92% (377)	23% (678)	97% (816)	-	-	-	-
<i>Klebsiella oxytoca</i>	1462	91% (666)	R	72% (1329)	-	-	94% (1104)	29% (1300)	83% (524)	94% (541)	93% (1315)	98% (714)	95% (1055)	99% (399)	99% (883)	99% (939)	97% (1390)	97% (1397)	95% (672)	88% (580)	90% (1154)	93% (1433)	-	-	-	-
<i>Klebsiella pneumoniae</i>	6314	93% (2454)	R	87% (5753)	-	-	95% (5888)	88% (5184)	90% (1919)	94% (1702)	96% (5606)	93% (2570)	99% (4228)	99% (1482)	99% (3655)	100% (3872)	92% (6074)	97% (6184)	96% (2435)	84% (2286)	42% (5667)	92% (6235)	-	-	-	-
<i>Morganella sp.</i>	83	R	R	30% (44)	-	-	99% (66)	R	R	90% (20)^	80% (20)^	-	98% (46)	-	96% (26)^	100% (26)^	88% (82)	90% (73)	93% (14)^	30% (23)^	R	90% (73)	-	-	-	-
<i>Proteus mirabilis</i>	2380	94% (1257)	81% (2340)	87% (1863)	-	-	97% (1883)	57% (1772)	95% (1069)	96% (1290)	94% (2007)	99% (1272)	94% (1556)	99% (890)	100% (1482)	100% (1240)	84% (2310)	91% (2346)	84% (1160)	R	R	84% (2308)	-	-	-	-
<i>Providencia sp.</i>	82	39% (13)^	25% (53)	59% (46)	-	-	94% (69)	21% (44)	-	95% (20)^	90% (29)^	92% (13)^	94% (53)	-	100% (17)^	95% (20)^	83% (71)	92% (60)	77% (13)^	15% (20)^	14% (57)	91% (65)	-	-	-	-
<i>Pseudomonas aeruginosa</i>	3534	R	R	R	-	-	94% (3209)	R	R	R	R	97% (2661)	95% (3222)	99% (1516)	R	94% (2674)	84% (3293)	-	98% (2762)	R	79% (285)	R	-	-	-	-
<i>Serratia marcescens</i>	421	R	R	R	-	-	84% (305)	R	R	R	82% (308)	95% (258)	99% (369)	99% (190)	99% (244)	99% (305)	93% (408)	99% (389)	81% (256)	32% (206)	R	96% (343)	-	-	-	-
<i>Stenotrophomonas maltophilia</i>	73	R	R	R	-	-	-	R	R	R	R	R	R	-	R	R	87% (69)	R	R	-	R	82% (72)	-	-	-	-
GRAM POSITIVE ORGANISMS																										
<i>Coag-negative Staphylococcus</i>	218	-	-	-	51% (194)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78% (197)	-	81% (42)	58% (50)	100% (16)^	99% (186)	99% (207)
<i>Enterococcus faecalis</i>	4381	-	99% (3572)	41% (49)	-	99% (3204)	-	R	R	-	R	-	R	-	-	-	-	-	-	28% (2855)	99% (3677)	R	R	97% (1967)	99% (2050)	99% (4321)
<i>Enterococcus faecium</i>	420	-	34% (393)	-	-	33% (297)	-	R	R	-	R	-	R	-	-	-	-	-	-	30% (214)	-	R	R	91% (110)	96% (225)	75% (411)
<i>Staphylococcus aureus</i>	9738	-	-	70% (432)	79% (8808)	-	-	73% (723)	71% (214)	-	81% (3144)	-	94% (503)	-	-	-	-	-	-	91% (7197)	-	97% (9225)	75% (8144)	99% (4638)	100% (6203)	100% (9500)
<i>Viridans group Streptococci</i>	96	-	63% (71)	66% (47)	85% (13)^	92% (13)^	-	-	-	-	90% (61)	-	97% (61)	-	-	98% (57)	81% (84)	-	-	63% (24)^	-	85% (65)	73% (15)^	100% (21)^	100% (26)^	100% (38)

Percent Susceptible
Key:

100-90 89-70 <70

Not enough data
to interpret, >30%
of susceptibility
data not available

(-) = Indicate drug not routinely tested or suppressed due to counts <= 10

(R) = Intrinsically resistant

(^) = Use caution interpreting results with < 30 isolates available



Local Health Department Antibiograms



2025 Central District Health Department

Includes Inpatient and Outpatient isolates from all specimen types, first isolate per patient
Data Displayed as: % Susceptible (Number of Available Isolates)

	Total_Isolates	Amoxicillin_Clav	Ampicillin	Amp_Sulbactam	Oxacillin	Penicillin	Piperacillin_Tazo	Cefazolin	Cefuroxime	Cefoxitin	Ceftriaxone	Ceftazidime	Cefepime	Ceftolozane_Tazoz	Ertapenem	Meropenem	Levofloxacin	Gentamicin	Tobramycin	Tetracycline	Nitrofurantoin	Trimethoprim_Sulfa	Clindamycin	Daptomycin	Linezolid	Vancomycin	
GRAM NEGATIVE ORGANISMS																											
Citrobacter freundii	24	R	R	R	-	-	100% (17)^	R	R	R	77% (13)^	-	100% (23)^	-	92% (12)^	100% (13)^	92% (24)^	100% (23)^	-	-	91% (22)^	75% (20)^	-	-	-	-	
Citrobacter koseri	20	-	R	-	-	-	100% (20)^	-	-	-	100% (20)^	-	100% (14)^	-	100% (13)^	100% (14)^	100% (20)^	100% (20)^	-	-	81% (16)^	100% (14)^	-	-	-	-	
Enterobacter cloacae complex	43	R	R	R	-	-	79% (29)	R	R	R	73% (11)	67% (12)	91% (42)	-	88% (16)	100% (14)	91% (43)	100% (43)	100% (12)	-	21% (28)	88% (43)	-	-	-	-	
Escherichia coli	1197	86% (305)	58% (1194)	59% (910)	-	-	94% (936)	81% (938)	83% (246)	91% (220)	95% (1187)	99% (309)	93% (775)	99% (243)	99% (710)	100% (733)	78% (1192)	93% (1189)	90% (307)	77% (248)	96% (1126)	75% (1192)	-	-	-	-	
Klebsiella aerogenes	30	R	R	R	-	-	83% (12)^	R	-	R	83% (29)^	100% (11)^	97% (30)	-	100% (26)^	100% (11)^	100% (30)	100% (30)	100% (11)^	91% (11)^	12% (25)^	100% (30)	-	-	-	-	
Klebsiella oxytoca	51	-	R	81% (47)	-	-	100% (32)	11% (35)	-	-	96% (49)	-	97% (30)	-	100% (25)^	100% (25)^	98% (48)	100% (49)	92% (12)^	-	85% (40)	96% (51)	-	-	-	-	
Klebsiella pneumoniae	228	100% (61)	R	89% (215)	-	-	97% (221)	91% (138)	86% (51)	96% (45)	96% (225)	97% (63)	95% (149)	100% (50)	99% (135)	99% (145)	89% (226)	97% (223)	98% (64)	94% (51)	46% (209)	94% (224)	-	-	-	-	
Proteus mirabilis	104	97% (31)	72% (103)	78% (72)	-	-	97% (75)	67% (58)	100% (30)	97% (31)	90% (99)	91% (35)	89% (64)	100% (36)	100% (62)	100% (63)	76% (100)	94% (101)	88% (34)	R	R	76% (100)	-	-	-	-	
Pseudomonas aeruginosa	192	R	R	R	-	-	96% (178)	R	R	R	R	100% (130)	97% (176)	100% (87)	R	89% (148)	86% (183)	-	98% (147)	R	-	R	-	-	-	-	
Serratia marcescens	12	R	R	R	-	-	-	R	R	R	-	-	-	-	-	-	82% (11)^	100% (11)^	-	-	R	-	-	-	-	-	
GRAM POSITIVE ORGANISMS																											
Enterococcus faecalis	159	-	100% (147)	-	-	100% (110)	-	R	R	-	R	-	R	-	-	-	-	-	-	-	15% (66)	99% (128)	R	R	100% (59)	100% (59)	99% (159)
Enterococcus faecium	21	-	29% (21)^	-	-	28% (18)^	-	R	R	-	R	-	R	-	-	-	-	-	-	-	-	R	R	-	-	71% (21)	
Staphylococcus aureus	383	-	-	-	86% (362)	-	-	-	-	-	75% (75)	-	-	-	-	-	-	-	-	-	90% (270)	-	96% (362)	74% (317)	100% (165)	100% (189)	100% (371)

Percent Susceptible
Key:

100-90	89-70	<70	Not enough data to interpret, >30% of susceptibility data not available
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(-) = Indicate drug not routinely tested or suppressed due to counts <= 10

(R) = Intrinsically resistant

(^) = Use caution interpreting results with < 30 isolates available

2025 Douglas County Health Department

Includes Inpatient and Outpatient isolates from all specimen types, first isolate per patient
Data Displayed as: % Susceptible (Number of Available Isolates)

	Total Isolates	Amoxicillin_Clav	Ampicillin	Amp_Subactam	Oxacillin	Penicillin	Piperacillin_Tazo	Cefazolin	Cefuroxime	Cefoxitin	Ceftriaxone	Ceftazidime	Cefepime	Ceftolozane_Tazo	Ertapenem	Meropenem	Levofloxacin	Gentamicin	Tobramycin	Tetracycline	Nitrofurantoin	Trimethoprim_Sulfa	Clindamycin	Daptomycin	Linezolid	Vancomycin
GRAM NEGATIVE ORGANISMS																										
<i>Acinetobacter sp.</i>	44	R	R	96% (44)	-	-	75% (20)^	R	R	R	-	96% (27)^	96% (27)^	-	R	97% (31)	95% (40)	100% (27)^	100% (35)	88% (16)^	R	86% (42)	-	-	-	-
<i>Citrobacter freundii</i>	175	R	R	R	-	-	89% (157)	R	R	R	79% (128)	88% (88)	97% (146)	-	96% (95)	98% (100)	96% (175)	97% (175)	93% (93)	85% (123)	95% (157)	90% (165)	-	-	-	-
<i>Citrobacter koseri</i>	186	99% (118)	R	99% (122)	-	-	98% (176)	98% (126)	89% (108)	98% (104)	99% (159)	100% (96)	100% (124)	100% (66)	100% (115)	100% (112)	98% (178)	100% (176)	100% (120)	98% (128)	73% (165)	99% (176)	-	-	-	-
<i>Enterobacter cloacae complex</i>	381	R	R	R	-	-	87% (344)	R	R	R	75% (235)	79% (197)	96% (338)	-	88% (206)	100% (198)	94% (370)	99% (359)	97% (220)	90% (234)	31% (261)	92% (379)	-	-	-	-
<i>Escherichia coli</i>	9306	83% (3455)	61% (9302)	58% (6142)	-	-	93% (6287)	90% (7323)	84% (3428)	90% (2811)	93% (7621)	96% (2946)	89% (3836)	99% (2807)	99% (3268)	99% (3198)	83% (8739)	93% (8666)	87% (3534)	81% (4461)	98% (8465)	80% (9291)	-	-	-	-
<i>Haemophilus influenzae</i>	22	-	90% (20)^	-	-	-	-	-	-	-	100% (11)^	-	-	-	-	-	-	-	-	-	-	42% (12)^	-	-	-	-
<i>Klebsiella aerogenes</i>	243	R	R	R	-	-	92% (223)	R	71% (143)	R	87% (196)	92% (143)	98% (205)	-	97% (146)	100% (144)	97% (236)	98% (233)	97% (144)	92% (174)	22% (191)	96% (243)	-	-	-	-
<i>Klebsiella oxytoca</i>	375	92% (194)	R	66% (342)	-	-	93% (342)	26% (352)	84% (191)	92% (211)	90% (321)	96% (188)	90% (222)	98% (121)	99% (197)	99% (199)	97% (354)	95% (341)	89% (206)	94% (226)	91% (283)	93% (371)	-	-	-	-
<i>Klebsiella pneumoniae</i>	1753	92% (784)	R	87% (1609)	-	-	94% (1643)	89% (1438)	85% (776)	91% (728)	92% (1470)	93% (759)	86% (863)	99% (490)	99% (800)	99% (804)	91% (1712)	97% (1675)	95% (800)	83% (1010)	41% (1554)	90% (1744)	-	-	-	-
<i>Morganella sp.</i>	24	-	R	57% (14)^	-	-	100% (24)^	R	R	100% (12)^	-	-	100% (11)^	-	-	-	88% (24)^	92% (24)^	-	-	R	88% (24)^	-	-	-	-
<i>Proteus mirabilis</i>	832	96% (435)	87% (830)	93% (651)	-	-	99% (658)	50% (609)	97% (423)	98% (579)	97% (654)	99% (437)	97% (449)	99% (318)	100% (443)	100% (325)	90% (822)	96% (827)	89% (431)	R	R	90% (826)	-	-	-	-
<i>Providencia sp.</i>	25	-	15% (13)^	54% (13)^	-	-	96% (23)^	8% (13)^	-	91% (11)^	-	-	75% (12)^	-	-	-	86% (22)^	84% (19)^	-	-	12% (17)^	84% (25)^	-	-	-	-
<i>Pseudomonas aeruginosa</i>	882	R	R	R	-	-	93% (858)	R	R	R	R	98% (631)	94% (843)	99% (355)	R	93% (662)	84% (804)	-	98% (847)	R	-	R	-	-	-	-
<i>Serratia marcescens</i>	139	R	R	R	-	-	86% (115)	R	R	R	83% (113)	99% (98)	99% (121)	100% (70)	100% (91)	100% (97)	96% (139)	99% (134)	81% (99)	31% (87)	R	98% (134)	-	-	-	-
GRAM POSITIVE ORGANISMS																										
<i>Coag-negative Staphylococcus</i>	63	-	-	-	67% (63)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	77% (60)	-	-	-	-	98% (63)	100% (63)
<i>Enterococcus faecalis</i>	1285	-	99% (869)	-	-	99% (1198)	-	R	R	-	R	-	R	-	-	-	-	-	-	29% (802)	99% (1069)	R	R	92% (482)	99% (463)	99% (1275)
<i>Enterococcus faecium</i>	140	-	29% (129)	-	-	33% (127)	-	R	R	-	R	-	R	-	-	-	-	-	-	41% (51)	-	R	R	89% (35)	96% (52)	75% (137)
<i>Staphylococcus aureus</i>	2878	-	-	-	83% (2554)	-	-	-	-	-	82% (1220)	-	-	-	-	-	-	-	-	91% (1779)	-	97% (2794)	75% (2650)	99% (1097)	100% (1596)	100% (2820)

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					(R) = Intrinsically resistant
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2025 East Central District Health Department

Includes Inpatient and Outpatient isolates from all specimen types, first isolate per patient
Data Displayed as: % Susceptible (Number of Available Isolates)

	Total Isolates	Amoxicillin_Clav	Ampicillin	Amp_Sulbactam	Oxacillin	Penicillin	Piperacillin_Tazo	Cefazolin	Cefuroxime	Cefoxitin	Ceftiozone	Ceftazidime	Cefepime	Ceftolozane_Tazo	Ertapenem	Meropenem	Levofloxacin	Gentamicin	Tobramycin	Tetracycline	Nitrofurantoin	Trimethoprim_Sulfa	Clindamycin	Daptomycin	Linezolid	Vancomycin
GRAM NEGATIVE ORGANISMS																										
<i>Citrobacter koseri</i>	11	-	R	-	-	-	100% (11)^	100% (11)^	-	-	100% (11)^	-	100% (11)^	-	100% (11)^	100% (11)^	100% (11)^	100% (11)^	-	-	-	100% (11)^	-	-	-	-
<i>Enterobacter cloacae complex</i>	23	R	R	R	-	-	94% (17)^	R	R	R	92% (12)^	92% (13)^	100% (19)^	-	92% (13)^	100% (13)^	91% (22)^	100% (21)^	100% (11)^	82% (11)^	47% (17)^	86% (22)^	-	-	-	-
<i>Escherichia coli</i>	583	84% (250)	66% (571)	66% (502)	-	-	94% (503)	89% (509)	85% (381)	89% (220)	95% (561)	99% (379)	94% (303)	100% (242)	99% (450)	100% (449)	84% (579)	93% (579)	85% (260)	77% (395)	99% (555)	82% (580)	-	-	-	-
<i>Klebsiella aerogenes</i>	11	R	R	R	-	-	-	R	-	R	-	-	-	-	-	-	91% (11)^	100% (11)^	-	-	-	100% (11)^	-	-	-	-
<i>Klebsiella oxytoca</i>	50	94% (34)	R	67% (36)	-	-	92% (47)	46% (48)	84% (38)	94% (17)^	89% (46)	98% (43)	96% (23)^	100% (16)^	100% (43)	100% (46)	96% (49)	96% (48)	91% (34)	90% (29)^	98% (40)	90% (49)	-	-	-	-
<i>Klebsiella pneumoniae</i>	124	95% (75)	R	82% (78)	-	-	97% (120)	94% (117)	88% (92)	81% (21)^	95% (118)	98% (98)	95% (38)	100% (24)^	100% (100)	100% (106)	97% (123)	97% (120)	93% (75)	82% (61)	54% (102)	91% (121)	-	-	-	-
<i>Proteus mirabilis</i>	61	89% (26)^	83% (58)	83% (46)	-	-	94% (50)	78% (50)	91% (45)	85% (20)^	95% (55)	100% (48)	81% (21)^	100% (17)^	100% (50)	100% (47)	69% (61)	88% (58)	73% (26)^	R	R	76% (59)	-	-	-	-
<i>Pseudomonas aeruginosa</i>	88	R	R	R	-	-	99% (80)	R	R	R	R	100% (74)	98% (59)	100% (43)	R	92% (74)	86% (84)	-	98% (78)	R	-	R	-	-	-	-
<i>Serratia marcescens</i>	14	R	R	R	-	-	83% (12)^	R	R	R	75% (12)^	83% (12)^	100% (11)^	-	100% (12)^	100% (12)^	93% (14)^	100% (13)^	-	8% (12)^	R	92% (13)^	-	-	-	-
GRAM POSITIVE ORGANISMS																										
<i>Enterococcus faecalis</i>	118	-	100% (86)	-	-	100% (103)	-	R	R	-	R	-	R	-	-	-	-	-	-	30% (84)	100% (97)	R	R	99% (68)	95% (60)	99% (118)
<i>Staphylococcus aureus</i>	317	-	-	-	81% (295)	-	-	-	-	-	89% (150)	-	-	-	-	-	-	-	-	90% (280)	-	97% (305)	75% (263)	99% (239)	100% (271)	100% (311)

Percent Susceptible Key: 100-90 89-70 <70 Not enough data to interpret, >30% of susceptibility data not available

(-) = Indicate drug not routinely tested or suppressed due to counts <= 10
(R) = Intrinsically resistant
(^) = Use caution interpreting results with < 30 isolates available

2025 Elkhorn Logan Valley Public Health Department

Includes Inpatient and Outpatient isolates from all specimen types, first isolate per patient
Data Displayed as: % Susceptible (Number of Available Isolates)

	Total_Isolates	Amoxicillin_Clav	Ampicillin	Amp_Sulbactam	Oxacillin	Penicillin	Piperacillin_Tazo	Cefazolin	Cefuroxime	Cefoxitin	Ceftriaxone	Ceftazidime	Cefepime	Ceftolozane_Tazo	Ertapenem	Meropenem	Levofloxacin	Gentamicin	Tobramycin	Tetracycline	Nitrofurantoin	Trimethoprim_Sulfa	Clindamycin	Daptomycin	Linezolid	Vancomycin
GRAM NEGATIVE ORGANISMS																										
Citrobacter freundii	26	R	R	R	-	-	96% (22)^	R	R	R	78% (23)^	79% (19)^	100% (25)^	-	100% (23)^	100% (23)^	96% (26)^	96% (26)^	96% (22)^	-	92% (24)^	92% (24)^	-	-	-	-
Citrobacter koseri	17	94% (16)^	R	92% (13)^	-	-	100% (17)^	93% (14)^	-	-	100% (16)^	100% (12)^	100% (16)^	-	100% (17)^	100% (17)^	100% (17)^	100% (17)^	100% (14)^	-	86% (14)^	93% (15)^	-	-	-	-
Enterobacter cloacae complex	59	R	R	R	-	-	82% (54)	R	R	R	61% (49)	83% (47)	95% (55)	-	91% (55)	100% (52)	94% (59)	97% (59)	98% (46)	85% (13)^	46% (41)	93% (59)	-	-	-	-
Escherichia coli	239	78% (59)	60% (235)	62% (180)	-	-	95% (184)	88% (185)	89% (85)	79% (33)	95% (208)	100% (87)	92% (94)	100% (29)^	100% (139)	100% (141)	81% (233)	93% (234)	91% (63)	68% (88)	96% (218)	81% (236)	-	-	-	-
Klebsiella aerogenes	30	R	R	R	-	-	93% (30)	R	-	R	90% (29)^	93% (28)^	100% (29)^	-	100% (28)^	100% (28)^	100% (30)	100% (30)	100% (28)^	-	32% (25)^	100% (30)	-	-	-	-
Klebsiella oxytoca	51	85% (41)	R	73% (48)	-	-	92% (48)	27% (49)	-	-	90% (48)	96% (44)	89% (45)	-	100% (43)	100% (42)	96% (48)	92% (47)	93% (43)	-	94% (36)	86% (49)	-	-	-	-
Klebsiella pneumoniae	175	92% (142)	R	86% (169)	-	-	96% (171)	91% (162)	86% (21)^	-	93% (164)	95% (148)	92% (144)	-	99% (155)	100% (158)	93% (175)	95% (171)	94% (140)	83% (24)^	47% (155)	92% (171)	-	-	-	-
Proteus mirabilis	22	-	81% (21)^	93% (15)^	-	-	100% (16)^	56% (16)^	-	-	95% (20)^	100% (12)^	100% (11)^	-	100% (13)^	-	77% (22)^	96% (22)^	-	R	R	77% (22)^	-	-	-	-
Pseudomonas aeruginosa	118	R	R	R	-	-	94% (102)	R	R	R	R	96% (101)	95% (102)	100% (15)^	R	94% (102)	82% (116)	-	100% (101)	R	-	R	-	-	-	-
GRAM POSITIVE ORGANISMS																										
Enterococcus faecalis	139	-	99% (120)	-	-	100% (128)	-	R	R	-	R	-	R	-	-	-	-	-	-	22% (123)	99% (126)	R	R	99% (110)	100% (111)	100% (138)
Enterococcus faecium	12	-	55% (11)^	-	-	-	-	R	R	-	R	-	R	-	-	-	-	-	-	27% (11)^	-	R	R	-	-	83% (12)^
Staphylococcus aureus	370	-	-	-	76% (341)	-	-	-	-	-	80% (45)	-	-	-	-	-	-	-	-	89% (342)	-	97% (353)	76% (326)	99% (281)	100% (320)	100% (369)

Percent Susceptible Key:	100-90	89-70	<70	Not enough data to interpret, >30% of susceptibility data not available	(-) = Indicate drug not routinely tested or suppressed due to counts <= 10 (R) = Intrinsically resistant (^)= Use caution interpreting results with < 30 isolates available

2025 Four Corners Health Department

Includes Inpatient and Outpatient isolates from all specimen types, first isolate per patient
Data Displayed as: % Susceptible (Number of Available Isolates)

	Total_Isolates	Amoxicillin_Clav	Ampicillin	Amp_Sulbactam	Oxacillin	Penicillin	Piperacillin_Tazo	Cefazolin	Cefuroxime	Cefoxitin	Ceftriaxone	Ceftazidime	Cefepime	Ceftolozane_Tazo	Ertapenem	Meropenem	Levofloxacin	Gentamicin	Tobramycin	Tetracycline	Nitrofurantoin	Trimethoprim_Sulfa	Clindamycin	Daptomycin	Linezolid	Vancomycin
GRAM NEGATIVE ORGANISMS																										
Citrobacter freundii	19	R	R	R	-	-	-	R	R	R	53% (19)^	67% (12)^	100% (19)^	-	100% (17)^	100% (19)^	95% (19)^	95% (19)^	-	-	100% (19)^	-	-	-	-	-
Citrobacter koseri	12	-	R	-	-	-	100% (12)^	-	-	-	100% (12)^	-	100% (12)^	-	100% (12)^	100% (12)^	100% (12)^	100% (12)^	-	-	-	-	-	-	-	-
Enterobacter cloacae complex	26	R	R	R	-	-	91% (11)^	R	R	R	-	83% (12)^	100% (26)^	-	-	-	100% (26)^	100% (26)^	-	-	35% (20)^	100% (26)^	-	-	-	-
Escherichia coli	507	78% (193)	60% (506)	65% (457)	-	-	93% (461)	74% (480)	79% (173)	87% (157)	91% (501)	96% (260)	93% (470)	99% (170)	100% (463)	100% (465)	77% (503)	91% (502)	89% (176)	76% (193)	96% (462)	78% (504)	-	-	-	-
Klebsiella aerogenes	16	R	R	R	-	-	-	R	-	-	81% (16)^	-	100% (15)^	-	100% (16)^	-	94% (16)^	100% (16)^	-	-	29% (14)^	100% (16)^	-	-	-	-
Klebsiella oxytoca	36	95% (21)^	R	66% (32)	-	-	96% (22)^	50% (26)^	82% (17)^	94% (17)^	97% (36)	96% (25)^	97% (34)	100% (16)^	100% (34)	100% (32)	100% (36)	97% (36)	94% (17)^	90% (20)^	93% (30)	97% (36)	-	-	-	-
Klebsiella pneumoniae	111	100% (47)	R	92% (95)	-	-	98% (107)	95% (76)	94% (36)	100% (30)	93% (110)	95% (62)	94% (101)	100% (35)	100% (101)	100% (101)	89% (111)	97% (111)	100% (37)	87% (46)	45% (106)	94% (110)	-	-	-	-
Proteus mirabilis	63	100% (38)	92% (62)	98% (53)	-	-	100% (56)	76% (54)	100% (37)	100% (33)	97% (58)	100% (41)	96% (55)	100% (35)	100% (56)	100% (55)	81% (58)	94% (63)	92% (37)	R	R	93% (59)	-	-	-	-
Pseudomonas aeruginosa	84	R	R	R	-	-	96% (73)	R	R	R	R	95% (56)	94% (71)	95% (42)	R	96% (73)	87% (76)	-	98% (50)	R	-	R	-	-	-	-
GRAM POSITIVE ORGANISMS																										
Enterococcus faecalis	77	-	100% (69)	-	-	100% (58)	-	R	R	-	R	-	R	-	-	-	-	-	-	23% (64)	97% (61)	R	R	100% (38)	100% (62)	100% (76)
Staphylococcus aureus	211	-	-	-	72% (187)	-	-	-	-	-	78% (90)	-	-	-	-	-	-	-	-	90% (180)	-	99% (196)	71% (171)	100% (119)	100% (189)	100% (204)

Percent Susceptible Key: 100-90 89-70 <70

Not enough data to interpret, >30% of susceptibility data not available

(-) = Indicate drug not routinely tested or suppressed due to counts <= 10
(R) = Intrinsically resistant
(^) = Use caution interpreting results with < 30 isolates available

2025 Lincoln-Lancaster County Health Department

Includes Inpatient and Outpatient isolates from all specimen types, first isolate per patient
Data Displayed as: % Susceptible (Number of Available Isolates)

	Total_Isolates	Amoxicillin_Clav	Ampicillin	Amp_Subactam	Oxacillin	Penicillin	Piperacillin_Tazo	Cefazolin	Cefuroxime	Cefoxitin	Ceftiozone	Ceftazidime	Cefepime	Ceftolozane_Tazo	Ertapenem	Meropenem	Levofloxacin	Gentamicin	Tobramycin	Tetracycline	Nitrofurantoin	Trimethoprim_Sulfa	Clindamycin	Daptomycin	Linezolid	Vancomycin
GRAM NEGATIVE ORGANISMS																										
<i>Acinetobacter sp.</i>	16	R	R	100% (12)^	-	-	-	R	R	R	-	91% (11)^	91% (11)^	-	R	100% (15)^	100% (15)^	-	100% (12)^	-	R	88% (16)^	-	-	-	-
<i>Citrobacter freundii</i>	112	R	R	R	-	-	84% (55)	R	R	R	79% (86)	95% (21)^	100% (98)	-	99% (80)	100% (87)	95% (111)	96% (111)	85% (27)^	74% (27)^	94% (107)	92% (106)	-	-	-	-
<i>Citrobacter koseri</i>	90	97% (31)	R	95% (19)^	-	-	94% (89)	90% (70)	96% (23)^	96% (26)^	97% (90)	100% (19)^	100% (81)	95% (19)^	100% (80)	100% (80)	98% (89)	100% (89)	100% (30)	100% (29)^	92% (83)	99% (81)	-	-	-	-
<i>Enterobacter cloacae complex</i>	195	R	R	R	-	-	83% (103)	R	R	R	68% (31)	81% (32)	94% (193)	-	88% (95)	100% (93)	97% (192)	99% (191)	98% (45)	98% (43)	38% (162)	96% (192)	-	-	-	-
<i>Escherichia coli</i>	5183	85% (801)	62% (5168)	66% (4449)	-	-	97% (4492)	77% (4631)	82% (781)	91% (697)	97% (5099)	99% (777)	98% (4174)	99% (783)	100% (4162)	100% (4118)	83% (5162)	94% (5164)	90% (792)	78% (828)	98% (4958)	83% (5124)	-	-	-	-
<i>Klebsiella aerogenes</i>	172	R	R	R	-	-	83% (83)	R	73% (40)	R	77% (154)	100% (40)	98% (170)	-	95% (141)	100% (55)	96% (172)	100% (170)	100% (40)	95% (42)	18% (146)	97% (170)	-	-	-	-
<i>Klebsiella oxytoca</i>	201	97% (32)	R	78% (187)	-	-	96% (112)	12% (190)	81% (32)	96% (28)	95% (191)	100% (34)	98% (162)	100% (37)	100% (152)	100% (160)	96% (195)	98% (197)	100% (35)	81% (37)	89% (169)	93% (192)	-	-	-	-
<i>Klebsiella pneumoniae</i>	1128	93% (152)	R	88% (1054)	-	-	93% (1086)	82% (1018)	89% (151)	94% (134)	93% (1096)	95% (156)	96% (921)	98% (206)	99% (910)	99% (912)	96% (1121)	96% (1121)	96% (160)	77% (172)	40% (1027)	93% (1103)	-	-	-	-
<i>Proteus mirabilis</i>	224	95% (65)	68% (215)	76% (148)	-	-	95% (160)	48% (152)	92% (63)	97% (63)	86% (186)	97% (68)	91% (151)	100% (79)	99% (147)	99% (146)	79% (214)	87% (224)	82% (67)	R	R	78% (194)	-	-	-	-
<i>Pseudomonas aeruginosa</i>	564	R	R	R	-	-	93% (495)	R	R	R	R	96% (439)	95% (498)	99% (413)	R	94% (464)	83% (531)	-	97% (479)	R	-	R	-	-	-	-
<i>Serratia marcescens</i>	48	R	R	R	-	-	76% (29)^	R	R	R	78% (18)^	95% (21)^	92% (38)	95% (21)^	95% (19)^	93% (29)^	82% (44)	94% (35)	73% (22)^	39% (13)^	R	93% (30)	-	-	-	-
<i>Stenotrophomonas maltophilia</i>	33	R	R	R	-	-	-	R	R	R	R	-	-	-	R	R	91% (33)	R	R	-	R	79% (33)	-	-	-	-
GRAM POSITIVE ORGANISMS																										
<i>Enterococcus faecalis</i>	693	-	99% (604)	-	-	100% (261)	-	R	R	-	R	-	R	-	-	-	-	-	-	25% (512)	99% (636)	R	R	99% (404)	99% (475)	99% (687)
<i>Enterococcus faecium</i>	77	-	34% (73)	-	-	30% (23)^	-	R	R	-	R	-	R	-	-	-	-	-	-	18% (55)	-	R	R	-	100% (60)	70% (77)
<i>Staphylococcus aureus</i>	1452	-	-	-	76% (1382)	-	-	-	-	-	85% (305)	-	-	-	-	-	-	-	-	92% (1095)	-	96% (1270)	77% (969)	100% (896)	100% (1238)	99% (1433)
<i>Viridans group Streptococci</i>	52	-	61% (38)	68% (31)	-	-	-	-	-	-	91% (34)	-	97% (37)	-	-	100% (36)	81% (47)	-	-	-	-	85% (40)	-	100% (12)^	100% (13)^	100% (14)^

Percent Susceptible
Key:

100-90

89-70

<70

Not enough data
to interpret, >30%
of susceptibility
data not available

(-) = Indicate drug not routinely tested or suppressed due to counts <= 10

(R) = Intrinsically resistant

(^) = Use caution interpreting results with < 30 isolates available

2025 Loup Basin Public Health Department

Includes Inpatient and Outpatient isolates from all specimen types, first isolate per patient
Data Displayed as: % Susceptible (Number of Available Isolates)

	Total_Isolates	Amoxicillin_Clav	Ampicillin	Amp_Subactam	Oxacillin	Penicillin	Piperacillin_Tazo	Cefazolin	Cefuroxime	Cefoxitin	Ceftriaxone	Ceftazidime	Cefepime	Ceftolozane_Tazo	Ertapenem	Meropenem	Levofloxacin	Gentamicin	Tobramycin	Tetracycline	Nitrofurantoin	Trimethoprim_Sulfa	Clindamycin	Daptomycin	Linezolid	Vancomycin
GRAM NEGATIVE ORGANISMS																										
Enterobacter cloacae complex	13	R	R	R	-	-	-	R	R	R	-	-	92% (12)^	-	-	-	92% (13)^	100% (13)^	-	-	33% (12)^	100% (13)^	-	-	-	-
Escherichia coli	327	86% (144)	69% (327)	71% (266)	-	-	94% (271)	88% (282)	83% (156)	91% (118)	94% (321)	99% (167)	93% (227)	100% (129)	99% (225)	100% (238)	84% (322)	93% (323)	93% (147)	84% (159)	98% (302)	85% (326)	-	-	-	-
Klebsiella oxytoca	22	100% (12)^	R	76% (21)^	-	-	100% (17)^	29% (17)^	-	-	100% (21)^	100% (12)^	100% (16)^	-	100% (16)^	100% (16)^	100% (22)^	100% (21)^	100% (12)^	100% (11)^	100% (12)^	95% (21)^	-	-	-	-
Klebsiella pneumoniae	60	91% (21)^	R	88% (59)	-	-	95% (58)	93% (40)	88% (24)^	74% (19)	95% (58)	100% (26)^	91% (34)	95% (20)^	100% (34)	100% (38)	92% (60)	98% (59)	100% (21)^	85% (26)^	42% (48)	90% (59)	-	-	-	-
Proteus mirabilis	21	77% (13)^	62% (21)^	67% (18)^	-	-	95% (19)^	75% (16)^	87% (15)^	91% (11)^	86% (21)^	100% (15)^	94% (17)^	100% (13)^	100% (19)^	100% (17)^	76% (21)^	91% (21)^	85% (13)^	R	R	81% (21)^	-	-	-	-
Pseudomonas aeruginosa	69	R	R	R	-	-	95% (60)	R	R	R	R	96% (47)	98% (58)	100% (24)^	R	91% (54)	82% (65)	-	100% (41)	R	-	R	-	-	-	-
GRAM POSITIVE ORGANISMS																										
Enterococcus faecalis	78	-	99% (77)	-	-	100% (37)	-	R	R	-	R	-	R	-	-	-	-	-	-	47% (36)	99% (67)	R	R	100% (34)	97% (33)	100% (77)
Enterococcus faecium	11	-	27% (11)^	-	-	-	-	R	R	-	R	-	R	-	-	-	-	-	-	-	-	R	R	-	-	55% (11)^
Staphylococcus aureus	139	-	-	-	83% (132)	-	-	-	-	-	74% (50)	-	-	-	-	-	-	-	-	92% (107)	-	99% (134)	71% (119)	100% (72)	100% (78)	100% (135)

Percent Susceptible
Key:

100-90 89-70 <70

Not enough data
to interpret, >30%
of susceptibility
data not available

(-) = Indicate drug not routinely tested or suppressed due to counts <= 10

(R) = Intrinsically resistant

(^) = Use caution interpreting results with < 30 isolates available

2025 North Central District Health Department

Includes Inpatient and Outpatient isolates from all specimen types, first isolate per patient
Data Displayed as: % Susceptible (Number of Available Isolates)

	Total Isolates	Amoxicillin_Clav	Ampicillin	Amp_Sulbactam	Oxacillin	Penicillin	Piperacillin_Tazo	Cefazolin	Cefuroxime	Cefoxitin	Ceftriaxone	Ceftazidime	Cefepime	Ceftolozane_Tazo	Ertapenem	Meropenem	Levofloxacin	Gentamicin	Tobramycin	Tetracycline	Nitrofurantoin	Trimethoprim_Sulfa	Clindamycin	Daptomycin	Linezolid	Vancomycin
GRAM NEGATIVE ORGANISMS																										
<i>Citrobacter freundii</i>	26	R	R	R	-	-	88% (16)^	R	R	R	75% (12)^	91% (11)^	100% (26)	-	100% (12)^	100% (22)^	96% (23)^	100% (26)^	100% (14)^	-	91% (23)^	94% (16)^	-	-	-	-
<i>Citrobacter koseri</i>	11	-	R	-	-	-	100% (11)^	-	-	-	-	-	-	-	-	-	-	100% (11)^	-	-	-	-	-	-	-	-
<i>Enterobacter cloacae complex</i>	48	R	R	R	-	-	89% (28)^	R	R	R	77% (22)^	77% (22)^	94% (48)	-	95% (21)^	100% (21)^	95% (41)	96% (47)	89% (28)^	92% (13)^	42% (36)	94% (48)	-	-	-	-
<i>Escherichia coli</i>	711	86% (278)	67% (708)	70% (609)	-	-	95% (654)	81% (672)	81% (246)	90% (215)	95% (703)	98% (513)	96% (594)	99% (233)	99% (286)	99% (551)	86% (646)	90% (709)	88% (309)	75% (250)	98% (678)	83% (708)	-	-	-	-
<i>Klebsiella aerogenes</i>	20	R	R	R	-	-	100% (11)^	R	-	R	-	-	95% (20)^	-	-	-	95% (19)^	100% (20)^	-	-	29% (14)^	95% (20)^	-	-	-	-
<i>Klebsiella oxytoca</i>	47	86% (22)^	R	80% (44)	-	-	96% (28)^	27% (45)	100% (11)^	100% (11)^	98% (44)	100% (36)	100% (39)	100% (11)^	100% (23)^	100% (37)	98% (46)	100% (45)	96% (22)^	92% (13)^	94% (33)	93% (45)	-	-	-	-
<i>Klebsiella pneumoniae</i>	169	96% (74)	R	92% (153)	-	-	99% (164)	89% (156)	84% (45)	92% (38)	97% (164)	98% (125)	97% (145)	100% (40)	100% (78)	100% (137)	97% (151)	99% (164)	100% (79)	84% (49)	47% (155)	93% (164)	-	-	-	-
<i>Proteus mirabilis</i>	58	89% (26)^	83% (57)	89% (52)	-	-	95% (55)	58% (55)	89% (26)^	87% (23)^	93% (55)	98% (51)	94% (52)	100% (23)^	100% (26)^	100% (51)	90% (52)	95% (56)	96% (26)^	R	R	89% (56)	-	-	-	-
<i>Pseudomonas aeruginosa</i>	94	R	R	R	-	-	94% (88)	R	R	R	R	99% (84)	96% (75)	100% (30)	R	96% (74)	87% (83)	-	99% (68)	R	-	R	-	-	-	-
<i>Serratia marcescens</i>	16	R	R	R	-	-	-	R	R	R	-	-	100% (14)^	-	-	92% (13)^	86% (14)^	100%^	-	-	R	-	-	-	-	-
GRAM POSITIVE ORGANISMS																										
<i>Coag-negative Staphylococcus</i>	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	81% (21)^	-	86% (21)^	-	-	100% (21)^	100% (21)^
<i>Enterococcus faecalis</i>	126	-	100% (122)	-	-	100% (78)	-	R	R	-	R	-	R	-	-	-	-	-	-	33% (86)	100% (113)	R	R	98% (56)	100% (83)	100% (124)
<i>Staphylococcus aureus</i>	348	-	-	83% (12)^	73% (332)	-	-	91% (79)	-	-	79% (86)	-	-	-	-	-	-	-	-	89% (327)	-	99% (333)	73% (305)	100% (191)	100% (290)	100% (343)

Percent Susceptible
Key:

100-90 89-70 <70

Not enough data to interpret, >30% of susceptibility data not available

(-) = Indicate drug not routinely tested or suppressed due to counts <= 10

(R) = Intrinsically resistant

(^) = Use caution interpreting results with < 30 isolates available

2025 Northeast Nebraska Public Health Department

Includes Inpatient and Outpatient isolates from all specimen types, first isolate per patient
Data Displayed as: % Susceptible (Number of Available Isolates)

	Total_Isolates	Amoxicillin_Clav	Ampicillin	Amp_Subactam	Oxacillin	Penicillin	Piperacillin_Tazo	Cefazolin	Cefuroxime	Cefoxitin	Ceftioxone	Ceftazidime	Cefepime	Ceftolozane_Tazo	Ertapenem	Meropenem	Levofloxacin	Gentamicin	Tobramycin	Tetracycline	Nitrofurantoin	Trimethoprim_Sulfa	Clindamycin	Daptomycin	Linezolid	Vancomycin
GRAM NEGATIVE ORGANISMS																										
Enterobacter cloacae complex	16	R	R	R	-	-	71% (14)^	R	R	R	58% (12)^	67% (12)^	87% (15)^	-	75% (12)^	100% (12)^	93% (14)^	93% (15)^	93% (14)^	-	55% (11)^	88% (16)^	-	-	-	-
Escherichia coli	166	81% (32)	60% (166)	69% (139)	-	-	99% (154)	86% (158)	97% (71)	-	96% (163)	98% (122)	98% (145)	-	100% (68)	100% (123)	84% (135)	90% (159)	90% (107)	73% (71)	99% (157)	77% (163)	-	-	-	-
Klebsiella oxytoca	15	-	R	55% (11)^	-	-	-	36% (11)^	-	-	100% (12)^	100% (11)^	100% (12)^	-	-	100% (11)^	100% (14)^	100% (11)^	-	-	-	92% (12)^	-	-	-	-
Klebsiella pneumoniae	44	89% (28)^	R	83% (41)	-	-	100% (43)	84% (44)	75% (12)^	-	93% (42)	90% (39)	91% (43)	-	100% (36)	100% (40)	93% (40)	96% (44)	95% (39)	67% (12)^	51% (41)	86% (43)	-	-	-	-
Pseudomonas aeruginosa	50	R	R	R	-	-	96% (45)	R	R	R	R	97% (39)	98% (40)	-	R	100% (34)	82% (38)	-	100% (32)	R	-	R	-	-	-	-
GRAM POSITIVE ORGANISMS																										
Enterococcus faecalis	58	-	100% (51)	-	-	100% (36)	-	R	R	-	R	-	R	-	-	-	-	-	-	25% (40)	100% (48)	R	R	100% (23)^	100% (27)^	100% (58)
Staphylococcus aureus	180	-	-	-	85% (175)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	90% (168)	-	97% (176)	78% (161)	100% (76)	100% (98)	100% (178)

Percent Susceptible
Key:

100-90 89-70 <70

Not enough data
to interpret, >30%
of susceptibility
data not available

(-) = Indicate drug not routinely tested or suppressed due to counts <= 10

(R) = Intrinsically resistant

(^) = Use caution interpreting results with < 30 isolates available

2025 Panhandle Public Health District

Includes Inpatient and Outpatient isolates from all specimen types, first isolate per patient
Data Displayed as: % Susceptible (Number of Available Isolates)

	Total Isolates	Amoxicillin_Clav	Ampicillin	Amp_Sulbactam	Oxacillin	Penicillin	Piperacillin_Tazo	Cefazolin	Cefuroxime	Cefoxitin	Ceftriaxone	Ceftazidime	Cefepime	Ceftolozane_Tazo	Ertapenem	Meropenem	Levofloxacin	Gentamicin	Tobramycin	Tetracycline	Nitrofurantoin	Trimethoprim_Sulfa	Clindamycin	Daptomycin	Linezolid	Vancomycin
GRAM NEGATIVE ORGANISMS																										
<i>Enterobacter cloacae</i> complex	73	R	R	R	-	-	73% (44)	R	R	R	66% (29)^	69% (32)	96% (72)	-	-	-	92% (49)	99% (72)	97% (32)	-	47% (60)	95% (73)	-	-	-	-
<i>Escherichia coli</i>	1965	77% (43)	65% (1961)	73% (1133)	-	-	97% (1111)	84% (1843)	68% (40)	83% (36)	97% (1961)	98% (924)	99% (1922)	100% (18)^	97% (108)	99% (146)	82% (1181)	93% (1965)	93% (908)	79% (100)	97% (1863)	82% (1963)	-	-	-	-
<i>Klebsiella aerogenes</i>	49	R	R	R	-	-	83% (30)	R	R	R	86% (49)	89% (18)^	100% (48)	-	-	-	91% (34)	96% (49)	94% (17)^	-	30% (43)	96% (49)	-	-	-	-
<i>Klebsiella oxytoca</i>	78	-	R	78% (45)	-	-	94% (47)	39% (67)	-	-	96% (75)	97% (35)	100% (76)	-	-	-	96% (52)	99% (78)	97% (34)	-	92% (63)	94% (78)	-	-	-	-
<i>Klebsiella pneumoniae</i>	367	-	R	87% (230)	-	-	94% (227)	87% (340)	-	-	95% (366)	97% (146)	97% (363)	-	-	100% (16)^	89% (235)	97% (367)	97% (145)	-	39% (335)	93% (366)	-	-	-	-
<i>Pseudomonas aeruginosa</i>	185	R	R	R	-	-	85% (114)	R	R	R	R	93% (175)	91% (181)	-	R	90% (29)^	78% (178)	-	97% (90)	R	-	R	-	-	-	-
GRAM POSITIVE ORGANISMS																										
<i>Enterococcus faecalis</i>	213	-	99% (201)	-	-	100% (197)	-	R	R	-	R	-	R	-	-	-	-	-	-	26% (191)	100% (153)	R	R	100% (11)^	100% (28)^	100% (203)
<i>Enterococcus faecium</i>	16	-	38% (16)^	-	-	36% (14)^	-	R	R	-	R	-	R	-	-	-	-	-	-	33% (12)^	-	R	R	-	-	63% (16)^
<i>Staphylococcus aureus</i>	381	-	-	-	68% (322)	-	-	-	-	-	91% (34)	-	-	-	-	-	-	-	-	86% (338)	-	93% (355)	76% (305)	-	100% (155)	100% (322)

Percent Susceptible
Key:

100-90

89-70

<70

Not enough data to interpret, >30% of susceptibility data not available

(-) = Indicate drug not routinely tested or suppressed due to counts <= 10

(R) = Intrinsically resistant

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2025 Public Health Solutions

Includes Inpatient and Outpatient isolates from all specimen types, first isolate per patient
Data Displayed as: % Susceptible (Number of Available Isolates)

	Total Isolates	Amoxicillin_Clav	Ampicillin	Amp_Sulbactam	Oxacillin	Penicillin	Piperacillin_Tazo	Cefazolin	Cefuroxime	Cefoxitin	Ceftriaxone	Ceftazidime	Cefepime	Ceftolozane_Tazo	Ertapenem	Meropenem	Levofloxacin	Gentamicin	Tobramycin	Tetracycline	Nitrofurantoin	Trimethoprim_Sulfa	Clindamycin	Daptomycin	Linezolid	Vancomycin
GRAM NEGATIVE ORGANISMS																										
Citrobacter freundii	37	R	R	R	-	-	100% (12)^	R	R	R	83% (18)^	100% (20)^	100% (36)	-	100% (35)	100% (18)^	100% (35)	95% (37)	92% (12)^	83% (12)^	97% (35)	73% (15)^	-	-	-	-
Citrobacter koseri	26	-	R	-	-	-	96% (26)^	100% (23)^	-	-	100% (13)^	-	100% (26)^	-	100% (26)^	100% (13)^	100% (26)^	100% (26)^	-	-	83% (24)^	-	-	-	-	-
Enterobacter cloacae complex	58	R	R	R	-	-	88% (25)^	R	R	R	71% (21)^	71% (24)^	98% (57)	-	97% (29)^	100% (22)^	98% (57)	100% (57)	100% (21)^	100% (20)^	36% (44)	93% (57)	-	-	-	-
Escherichia coli	1370	83% (529)	63% (1361)	69% (1177)	-	-	96% (1331)	89% (1335)	79% (379)	90% (346)	96% (800)	99% (597)	97% (1324)	99% (377)	99% (1319)	100% (778)	85% (1326)	94% (1357)	89% (383)	74% (386)	98% (1327)	83% (1353)	-	-	-	-
Klebsiella aerogenes	25	R	R	R	-	-	83% (18)^	R	43% (14)^	R	79% (24)^	100% (13)^	100% (25)^	-	96% (22)^	100% (14)^	96% (24)^	100% (25)^	100% (14)^	100% (14)^	93% (19)^	100% (25)^	-	-	-	-
Klebsiella oxytoca	55	96% (22)^	R	82% (51)	-	-	100% (27)^	55% (51)	79% (19)^	100% (19)^	100% (33)	100% (33)	100% (52)	100% (19)^	100% (49)	100% (30)	100% (52)	100% (52)	100% (22)^	95% (19)^	94% (48)	96% (54)	-	-	-	-
Klebsiella pneumoniae	252	93% (98)	R	86% (215)	-	-	96% (247)	90% (226)	89% (74)	96% (66)	97% (159)	97% (110)	100% (242)	100% (75)	100% (240)	100.0% (156)	97% (242)	97% (250)	97% (75)	83% (77)	38% (227)	95% (247)	-	-	-	-
Proteus mirabilis	100	91% (46)	88% (96)	93% (89)	-	-	99% (93)	89% (94)	95% (42)	98% (41)	93% (53)	100% (64)	95% (94)	100% (41)	100% (93)	100% (49)	91% (96)	94% (98)	81% (43)	R	R	89% (98)	-	-	-	-
Pseudomonas aeruginosa	181	R	R	R	-	-	97% (163)	R	R	R	R	100% (123)	97% (162)	99% (98)	R	95% (118)	87% (171)	-	98% (105)	R	73% (15)^	R	-	-	-	-
Serratia marcescens	20	R	R	R	-	-	93% (14)^	R	R	R	93% (14)^	100% (14)^	100% (19)^	100% (11)^	100% (17)^	100% (15)^	95% (20)^	100% (18)^	82% (11)^	27% (11)^	R	93% (15)^	-	-	-	-
GRAM POSITIVE ORGANISMS																										
Coag-negative Staphylococcus	50	-	-	-	41% (46)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	88% (48)	-	-	-	-	100% (28)^	100% (47)
Enterococcus faecalis	114	-	100% (106)	-	-	100% (55)	-	R	R	-	R	-	R	-	-	-	-	-	-	34% (97)	100% (93)	R	R	100% (77)	100% (101)	100% (114)
Enterococcus faecium	11	-	36% (11)^	-	-	-	-	R	R	-	R	-	R	-	-	-	-	-	-	-	-	R	R	-	-	91% (11)^
Staphylococcus aureus	328	-	-	-	70% (318)	-	-	-	-	-	68% (171)	-	-	-	-	-	-	-	-	90% (287)	-	96% (309)	77% (257)	100% (242)	100% (294)	99% (325)

Percent Susceptible Key: 100-90 89-70 <70 Not enough data to interpret, >30% of susceptibility data not available

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(R) = Intrinsically resistant
(^) = Use caution interpreting results with < 30 isolates available

2025 Sarpy/Cass Public Health Department

Includes Inpatient and Outpatient isolates from all specimen types, first isolate per patient

Data Displayed as: % Susceptible (Number of Available Isolates)

	Total Isolates	Amoxicillin_Clav	Ampicillin	Amp_Subactam	Oxacillin	Penicillin	Piperacillin_Tazo	Cefazolin	Cefturoxime	Cefoxitin	Ceftriaxone	Ceftazidime	Cefepime	Ceftolozane_Tazo	Ertapenem	Meropenem	Levofloxacin	Gentamicin	Tobramycin	Tetracycline	Nitrofurantoin	Trimethoprim_Sulfa	Clindamycin	Daptomycin	Linezolid	Vancomycin
GRAM NEGATIVE ORGANISMS																										
<i>Acinetobacter sp.</i>	14	R	R	100% (14)^	-	-	-	R	R	R	-	82% (11)^	-	-	R	100% (11)^	92% (12)^	-	92% (13)^	-	R	79% (14)^	-	-	-	-
<i>Citrobacter freundii</i>	68	R	R	R	-	-	95% (60)	R	R	R	81% (58)	98% (44)	100% (62)	-	98% (52)	100% (51)	93% (67)	96% (68)	98% (48)	83% (53)	95% (64)	92% (65)	-	-	-	-
<i>Citrobacter koseri</i>	57	100% (36)	R	100% (33)	-	-	100% (55)	100% (35)	97% (33)	100% (29)^	100% (54)	100% (30)	100% (38)	100% (21)^	100% (36)	100% (36)	100% (55)	100% (55)	100% (36)	97% (36)	68% (47)	100% (54)	-	-	-	-
<i>Enterobacter cloacae complex</i>	133	R	R	R	-	-	84% (120)	R	R	R	75% (80)	78% (68)	94% (118)	-	88% (81)	100% (68)	93% (128)	98% (129)	97% (77)	92% (82)	32% (96)	92% (132)	-	-	-	-
<i>Escherichia coli</i>	3719	85% (1706)	64% (3715)	62% (2484)	-	-	94% (2540)	90% (3016)	86% (1702)	91% (1373)	94% (3308)	98% (1503)	91% (1924)	99% (1460)	99% (1651)	100% (1608)	84% (3454)	93% (3469)	89% (1739)	81% (1877)	98% (3321)	82% (3711)	-	-	-	-
<i>Klebsiella aerogenes</i>	84	R	R	R	-	-	92% (84)	R	70% (59)	R	87% (63)	98% (59)	100% (80)	-	98% (60)	100% (59)	98% (84)	100% (84)	100% (59)	89% (63)	21% (72)	100% (84)	-	-	-	-
<i>Klebsiella oxytoca</i>	136	89% (72)	R	69% (127)	-	-	91% (124)	30% (127)	82% (72)	93% (71)	91% (120)	97% (70)	89% (80)	97% (59)	99% (74)	100% (74)	96% (132)	98% (132)	91% (74)	86% (83)	90% (106)	91% (135)	-	-	-	-
<i>Klebsiella pneumoniae</i>	370	92% (333)	R	88% (644)	-	-	94% (652)	91% (553)	82% (331)	88% (307)	94% (596)	97% (329)	89% (360)	99% (268)	99% (347)	100% (343)	93% (657)	98% (657)	95% (340)	85% (396)	36% (603)	91% (668)	-	-	-	-
<i>Proteus mirabilis</i>	291	97% (178)	88% (291)	93% (225)	-	-	99% (227)	69% (207)	99% (177)	99% (185)	99% (261)	100% (178)	99% (183)	100% (146)	100% (181)	100% (149)	91% (289)	96% (290)	87% (183)	R	R	87% (290)	-	-	-	-
<i>Pseudomonas aeruginosa</i>	316	R	R	R	-	-	93% (307)	R	R	R	R	98% (247)	95% (304)	99% (176)	R	92% (252)	83% (286)	-	98% (305)	R	-	R	-	-	-	-
<i>Serratia marcescens</i>	37	R	R	R	-	-	85% (34)	R	R	R	84% (32)	100% (26)^	100% (30)	100% (20)^	100% (25)^	100% (26)^	94% (36)	100% (35)	73% (26)^	50% (22)^	R	89% (36)	-	-	-	-
GRAM POSITIVE ORGANISMS																										
<i>Enterococcus faecalis</i>	458	-	99% (362)	-	-	99% (430)	-	R	R	-	R	-	R	-	-	-	-	-	-	30% (267)	99% (382)	R	R	94% (196)	99% (189)	99% (456)
<i>Enterococcus faecium</i>	43	-	32% (38)	-	-	31% (39)	-	R	R	-	R	-	R	-	-	-	-	-	-	31% (16)^	-	R	R	93% (15)^	95% (19)^	76% (41)
<i>Staphylococcus aureus</i>	919	-	-	-	84% (841)	-	-	-	-	-	83% (433)	-	-	-	-	-	-	-	-	-	-	98% (895)	78% (836)	100% (384)	100% (540)	100% (906)

Percent Susceptible
Key:

100-90 89-70 <70

Not enough data to interpret, >30% of susceptibility data not available

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2025 Southeast District Health Department

Includes Inpatient and Outpatient isolates from all specimen types, first isolate per patient
Data Displayed as: % Susceptible (Number of Available Isolates)

	Total_Isolates	Amoxicillin_Clav	Ampicillin	Amp_Sulbactam	Oxacillin	Penicillin	Piperacillin_Tazo	Cefazolin	Cefuroxime	Cefoxitin	Ceftriaxone	Ceftazidime	Cefepime	Ceftolozane_Tazo	Ertapenem	Meropenem	Levofloxacin	Gentamicin	Tobramycin	Tetracycline	Nitrofurantoin	Trimethoprim_Sulfa	Clindamycin	Daptomycin	Linezolid	Vancomycin
GRAM NEGATIVE ORGANISMS																										
Enterobacter cloacae complex	25	R	R	R	-	-	83% (18)^	R	R	R	-	-	92% (25)^	-	-	100% (11)^	100% (25)^	100%^ (25)	-	-	26% (23)^	96% (25)^	-	-	-	-
Escherichia coli	440	69% (36)	63% (438)	53% (256)	-	-	93% (265)	87% (312)	69% (35)	77% (31)	95% (414)	98% (40)	91% (183)	97% (30)	100% (175)	100% (143)	81% (433)	94% (433)	84% (38)	75% (36)	98% (412)	83% (437)	-	-	-	-
Klebsiella oxytoca	17	-	R	88% (17)^	-	-	93% (15)^	12% (17)^	-	-	88% (16)^	-	-	-	-	-	100% (16)^	100% (16)^	-	-	93% (14)^	100% (17)^	-	-	-	-
Klebsiella pneumoniae	74	-	R	84% (69)	-	-	96% (69)	77% (51)	-	-	94% (70)	-	93% (30)	-	100% (28)^	100% (28)^	95% (74)	97% (74)	-	-	37% (67)	91% (74)	-	-	-	-
Proteus mirabilis	19	-	63% (19)^	-	-	-	-	-	-	-	94% (18)^	-	-	-	-	-	90% (19)^	100% (19)^	-	R	R	79% (19)^	-	-	-	-
Pseudomonas aeruginosa	45	R	R	R	-	-	100% (41)	R	R	R	R	100% (29)^	97% (39)	100% (23)^	R	93% (30)	84% (43)	-	100% (35)	R	-	R	-	-	-	-
GRAM POSITIVE ORGANISMS																										
Enterococcus faecalis	70	-	100% (62)	-	-	98% (42)	-	R	R	-	R	-	R	-	-	-	-	-	-	33% (27)^	100% (61)	R	R	100% (18)^	95% (19)^	99% (70)
Staphylococcus aureus	174	-	-	-	78% (165)	-	-	-	-	-	86% (21)^	-	-	-	-	-	-	-	-	88% (93)	-	91% (163)	74% (136)	98% (58)	100% (90)	100% (170)

Percent Susceptible Key: 100-90 89-70 <70 Not enough data to interpret, >30% of susceptibility data not available

(-) = Indicate drug not routinely tested or suppressed due to counts <= 10
(R) = Intrinsically resistant
(^) = Use caution interpreting results with < 30 isolates available

2025 South Heartland District Health Department

Includes Inpatient and Outpatient isolates from all specimen types, first isolate per patient
Data Displayed as: % Susceptible (Number of Available Isolates)

	Total_Isolates	Amoxicillin_Clav	Ampicillin	Amp_Sulbactam	Oxacillin	Penicillin	Piperacillin_Tazo	Cefazolin	Cefuroxime	Cefoxitin	Ceftriaxone	Ceftazidime	Cefepime	Ceftolozane_Tazo	Ertapenem	Meropenem	Levofloxacin	Gentamicin	Tobramycin	Tetracycline	Nitrofurantoin	Trimethoprim_Sulfa	Clindamycin	Daptomycin	Linezolid	Vancomycin
GRAM NEGATIVE ORGANISMS																										
Citrobacter freundii	19	R	R	R	-	-	93% (15)^	R	R	R	81% (16)^	100% (14)^	100% (17)^	-	100% (11)^	100% (16)^	94% (18)^	82% (17)^	86% (14)^	91% (11)^	100% (18)^	77% (17)^	-	-	-	-
Citrobacter koseri	13	100% (13)^	R	100% (13)^	-	-	100% (13)^	100% (13)^	-	-	100% (13)	100% (13)^	100% (13)^	-	-	100% (13)^	100% (13)^	100% (13)	100% (13)^	-	100% (12)^	100% (13)^	-	-	-	-
Enterobacter cloacae complex	48	R	R	R	-	-	86% (44)	R	R	R	69% (39)	83% (41)	98% (46)	-	82% (22)	100% (40)	98% (46)	98% (46)	100% (41)	91% (21)^	45% (31)	98% (47)	-	-	-	-
Escherichia coli	960	88% (829)	61% (958)	65% (920)	-	-	96% (926)	89% (923)	78% (393)	93% (358)	97% (956)	99% (830)	97% (911)	100% (391)	100% (469)	100% (900)	87% (957)	91% (954)	91% (828)	81% (396)	98% (924)	80% (955)	-	-	-	-
Haemophilus influenzae	38	88% (16)^	71% (38)	-	-	-	-	-	-	-	100% (37)	-	-	-	-	-	100% (37)	-	-	80% (35)	-	74% (38)	-	-	-	-
Klebsiella aerogenes	22	R	R	R	-	-	95% (19)^	R	-	R	86% (22)^	94% (17)^	100% (22)^	-	100% (13)^	100% (17)^	100% (22)^	100% (22)^	100% (17)^	-	38% (21)^	100% (22)^	-	-	-	-
Klebsiella oxytoca	44	97% (34)	R	83% (42)	-	-	95% (39)	50% (40)	94% (16)^	100% (16)^	98% (42)	97% (34)	97% (37)	100% (16)^	100% (19)^	97% (37)	100% (44)	100% (42)	100% (34)	89% (18)^	82% (33)	100% (42)	-	-	-	-
Klebsiella pneumoniae	194	95% (164)	R	86% (186)	-	-	97% (189)	96% (178)	96% (54)	98% (48)	96% (190)	98% (164)	98% (182)	100% (55)	100% (73)	100% (182)	95% (194)	96% (191)	98% (164)	83% (58)	49% (175)	91% (190)	-	-	-	-
Proteus mirabilis	110	93% (95)	74% (107)	83% (99)	-	-	96% (102)	83% (99)	93% (42)	92% (38)	94% (105)	97% (94)	94% (103)	100% (42)	100% (50)	100% (100)	86% (110)	90% (107)	90% (95)	R	R	82% (106)	-	-	-	-
Pseudomonas aeruginosa	103	R	R	R	-	-	96% (94)	R	R	R	R	100% (87)	95% (94)	100% (44)	R	98% (89)	87% (99)	-	95% (93)	R	-	R	-	-	-	-
Serratia marcescens	20	R	R	R	-	-	68% (19)^	R	R	R	61% (18)^	79% (19)^	100% (19)^	-	-	100% (19)^	95% (20)^	100% (18)^	79% (19)^	-	R	90% (19)^	-	-	-	-
GRAM POSITIVE ORGANISMS																										
Enterococcus faecalis	99	-	88% (95)	-	-	100% (74)	-	R	R	-	R	-	R	-	-	-	-	-	-	29% (72)	98% (82)	R	R	100% (36)	100% (38)	99% (84)
Staphylococcus aureus	162	-	-	-	78% (148)	-	-	-	-	-	73% (111)	-	-	-	-	-	-	-	-	90% (144)	-	97% (155)	74% (137)	100% (92)	100% (107)	100% (153)
Viridans group Streptococci	14	-	67% (12)^	-	-	-	-	-	-	-	-	-	-	-	-	-	100% (11)^	-	-	-	-	-	-	-	-	-

Percent Susceptible Key:	100-90	89-70	<70	Not enough data to interpret, >30% of susceptibility data not available	(-) = Indicate drug not routinely tested or suppressed due to counts <= 10
					(R) = Intrinsically resistant
					(^)= Use caution interpreting results with < 30 isolates available

2025 Southwest Nebraska Public Health Department

Includes Inpatient and Outpatient isolates from all specimen types, first isolate per patient
Data Displayed as: % Susceptible (Number of Available Isolates)

	Total_Isolates	Amoxicillin_Clav	Ampicillin	Amp_Sulbactam	Oxacillin	Penicillin	Piperacillin_Tazo	Cefazolin	Cefuroxime	Cefoxitin	Ceftriaxone	Ceftazidime	Cefepime	Ceftolozane_Tazo	Ertapenem	Meropenem	Levofloxacin	Gentamicin	Tobramycin	Tetracycline	Nitrofurantoin	Trimethoprim_Sulfa	Clindamycin	Daptomycin	Linezolid	Vancomycin
GRAM NEGATIVE ORGANISMS																										
Citrobacter freundii	18	R	R	R	-	-	93% (14)^	R	R	R	50% (16)^	45.5% (11)^	94% (17)^	-	-	-	94% (17)^	83% (18)^	-	-	100% (18)^	81% (16)^	-	-	-	-
Enterobacter cloacae complex	38	R	R	R	-	-	83% (30)	R	R	R	59% (32)	65% (26)^	100% (38)	-	90% (29)^	100% (24)^	95% (38)	100% (38)	100% (26)^	100% (24)^	42% (24)^	97% (38)	-	-	-	-
Escherichia coli	705	86% (430)	61% (702)	68% (686)	-	-	94% (604)	83% (688)	84% (334)	88% (299)	94% (651)	99% (353)	94% (554)	99% (284)	100% (468)	100% (453)	81% (695)	94% (703)	93% (357)	84% (353)	98% (656)	82% (705)	-	-	-	-
Klebsiella aerogenes	17	R	R	R	-	-	75% (12)^	R	-	R	69% (16)^	-	88% (16)^	-	93% (14)^	-	100% (17)^	100% (17)^	-	-	20% (15)^	94% (17)^	-	-	-	-
Klebsiella oxytoca	47	97% (34)	R	75% (47)	-	-	97% (35)	41% (39)	88% (32)	100% (29)^	98% (46)	100% (32)	100% (42)	100% (24)^	100% (38)	100% (37)	96% (47)	100% (47)	100% (32)	97% (30)	97% (39)	94% (47)	-	-	-	-
Klebsiella pneumoniae	153	88% (103)	R	85% (148)	-	-	94% (132)	90% (135)	87% (76)	88% (66)	93% (139)	96% (84)	92% (128)	100% (59)	97% (115)	99% (98)	93% (152)	97% (151)	95% (83)	85% (87)	49% (137)	88% (151)	-	-	-	-
Proteus mirabilis	68	86% (58)	69% (64)	75% (63)	-	-	94% (62)	73% (60)	93% (43)	90% (41)	87% (61)	100% (44)	92% (62)	95% (37)	98% (62)	100% (43)	71% (66)	73% (66)	67% (45)	R	R	68% (66)	-	-	-	-
Pseudomonas aeruginosa	94	R	R	R	-	-	96% (84)	R	R	R	R	97% (77)	99% (86)	100% (41)	R	100% (74)	83% (94)	-	100% (60)	R	-	R	-	-	-	-
Serratia marcescens	14	R	R	R	-	-	-	R	R	R	-	-	100% (14)^	-	-	100% (11)^	79% (14)^	100% (14)^	-	-	R	-	-	-	-	-
GRAM POSITIVE ORGANISMS																										
Coag-negative Staphylococcus	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	73% (11)^	-	-	-	-	-	91% (11)^
Enterococcus faecalis	109	-	100% (106)	-	-	100% (66)	-	R	R	-	R	-	R	-	-	-	-	-	-	31% (75)	100% (86)	R	R	98% (83)	100% (72)	100% (101)
Staphylococcus aureus	194	-	-	-	78% (178)	-	-	-	-	-	88% (72)	-	-	-	-	-	-	-	-	91% (175)	-	98% (185)	77% (145)	100% (125)	100% (124)	100% (181)

Percent Susceptible Key: 100-90 89-70 <70 Not enough data to interpret, >30% of susceptibility data not available

(-) = Indicate drug not routinely tested or suppressed due to counts <= 10
(R) = Intrinsically resistant
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2025 Three Rivers Public Health Department

Includes Inpatient and Outpatient isolates from all specimen types, first isolate per patient
Data Displayed as: % Susceptible (Number of Available Isolates)

	Total Isolates	Amoxicillin_Clav	Ampicillin	Amp. Sulbactam	Oxacillin	Penicillin	Piperacillin_Tazo	Cefazolin	Cefuroxime	Cefoxitin	Ceftriaxone	Ceftazidime	Cefepime	Ceftolozane_Tazo	Ertapenem	Meropenem	Levofloxacin	Gentamicin	Tobramycin	Tetracycline	Nitrofurantoin	Trimethoprim_Sulfa	Clindamycin	Daptomycin	Linezolid	Vancomycin
GRAM NEGATIVE ORGANISMS																										
Citrobacter freundii	25	R	R	R	-	-	96% (22)^	R	R	R	91% (22)^	-	100% (23)^	-	100%^ (20)	100% (20)^	92% (24)^	92% (25)^	-	-	91% (22)^	92% (24)^	-	-	-	-
Citrobacter koseri	22	100% (15)^	R	100% (18)^	-	-	96% (22)^	95% (20)^	-	-	-	-	-	-	100% (17)^	100% (17)^	96% (22)^	96% (22)^	-	-	65% (20)^	100% (22)^	-	-	-	-
Enterobacter cloacae complex	76	R	R	R	-	-	87% (70)	R	R	R	78% (54)	74% (31)	94% (67)	-	87% (47)	100% (49)	95% (74)	99% (74)	94% (17)^	83% (23)^	39% (52)	96% (76)	-	-	-	-
Escherichia coli	1440	85% (716)	64% (1440)	63% (1113)	-	-	94% (1134)	85% (1226)	88% (129)	75% (251)	92% (785)	93% (120)	84% (364)	97% (108)	99% (795)	100% (788)	84% (1400)	93% (1413)	87% (141)	83% (295)	98% (1351)	84% (1433)	-	-	-	-
Klebsiella aerogenes	35	R	R	R	-	-	81% (32)	R	-	R	82% (27)^	92% (13)^	100% (31)	R	100% (24)^	100% (22)^	94% (33)	100% (34)	-	-	35% (29)^	97% (35)	-	-	-	-
Klebsiella oxytoca	80	84% (55)	R	48% (79)	-	-	87% (78)	28% (79)	64% (14)^	83% (48)	86% (65)	98% (40)	87% (47)	-	96% (55)	98% (55)	100% (80)	96% (79)	93% (14)^	63% (19)^	88% (68)	92% (79)	-	-	-	-
Klebsiella pneumoniae	308	93% (201)	R	84% (294)	-	-	94% (298)	86% (269)	88% (43)	67% (64)	89% (147)	96% (90)	84% (85)	100% (21)^	100% (215)	100% (214)	95% (302)	98% (303)	96% (45)	85% (67)	46% (279)	92% (305)	-	-	-	-
Proteus mirabilis	163	99% (111)	89% (158)	95% (131)	-	-	100% (131)	15% (127)	100% (25)^	100% (123)	99% (142)	100% (59)	99% (115)	100% (14)^	100% (115)	100% (19)^	86% (153)	95% (155)	93% (28)^	R	R	91% (159)	-	-	-	-
Pseudomonas aeruginosa	172	R	R	R	-	-	91% (169)	R	R	R	R	93% (140)	91% (166)	97% (35)	R	94% (144)	81% (157)	-	96% (95)	R	-	R	-	-	-	-
Serratia marcescens	27	R	R	R	-	-	100% (20)^	R	R	R	90% (19)^	100% (12)^	100% (24)^	-	100% (17)^	100% (17)^	100% (27)^	100% (27)^	-	-	R	100% (18)^	-	-	-	-
GRAM POSITIVE ORGANISMS																										
Coag-negative Staphylococcus	22	-	-	-	55% (22)^	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76% (21)^	-	-	-	-	96% (22)^	100% (22)^
Enterococcus faecalis	190	-	99% (169)	-	-	100% (99)	-	R	R	-	R	-	R	-	-	-	-	-	-	30% (103)	99% (146)	R	R	84% (75)	99% (75)	100% (189)
Enterococcus faecium	21	-	42% (19)^	-	-	46% (13)^	-	R	R	-	R	-	R	-	-	-	-	-	-	42% (12)^	-	R	R	-	92% (13)^	71% (21)^
Staphylococcus aureus	506	-	-	-	79% (322)	-	-	-	-	-	84% (109)	-	-	-	-	-	-	-	-	90% (404)	-	97% (480)	73% (445)	98% (105)	100% (185)	100% (494)

Percent Susceptible Key:

100-90	89-70	<70	Not enough data to interpret, >30% of susceptibility data not available
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(-) = Indicate drug not routinely tested or suppressed due to counts <= 10
(R) = Intrinsically resistant
(^) = Use caution interpreting results with < 30 isolates available

2025 Two Rivers Public Health Department

Includes Inpatient and Outpatient isolates from all specimen types, first isolate per patient
Data Displayed as: % Susceptible (Number of Available Isolates)

	Total Isolates	Amoxicillin_Clav	Ampicillin	Amp_Sulbactam	Oxacillin	Penicillin	Piperacillin_Tazo	Cefazolin	Cefuroxime	Cefoxitin	Ceftriaxone	Ceftazidime	Cefepime	Ceftolozane_Tazo	Ertapenem	Meropenem	Levofloxacin	Gentamicin	Tobramycin	Tetracycline	Nitrofurantoin	Trimethoprim_Sulfa	Clindamycin	Daptomycin	Linezolid	Vancomycin
GRAM NEGATIVE ORGANISMS																										
<i>Citrobacter freundii</i>	45	R	R	R	-	-	90% (31)	R	R	R	87% (31)	100% (21)^	98% (43)	-	97% (34)	100% (34)	91% (44)	98% (45)	100% (25)^	77% (22)^	100% (42)	94% (36)	-	-	-	-
<i>Citrobacter koseri</i>	17	-	R	-	-	-	100% (16)^	-	-	-	100% (16)^	-	100% (12)^	-	100% (12)^	100% (12)^	100% (17)^	100% (17)^	-	-	100% (14)^	93% (14)^	-	-	-	-
<i>Enterobacter cloacae complex</i>	66	R	R	R	-	-	81% (36)	R	R	R	59% (27)^	75% (24)^	94% (65)	-	90% (41)	100% (45)	95% (65)	100% (65)	98% (40)	84% (19)^	22% (51)	91% (66)	-	-	-	-
<i>Escherichia coli</i>	1929	85% (703)	63% (1918)	62% (1435)	-	-	94% (1269)	83% (1561)	82% (486)	89% (424)	95% (1849)	99% (666)	94% (1235)	99% (448)	100% (1155)	99% (1153)	81% (1884)	94% (1878)	92% (709)	75% (515)	98% (1805)	81% (1913)	-	-	-	-
<i>Klebsiella aerogenes</i>	41	R	R	R	-	-	86% (21)^	R	85% (13)	R	85% (33)	100% (14)^	97% (38)	-	94% (32)	100% (19)^	95% (41)	100% (40)	100% (18)^	88% (17)^	22% (36)	95% (39)	-	-	-	-
<i>Klebsiella oxytoca</i>	99	85% (47)	R	67% (96)	-	-	91% (56)	29% (77)	78% (27)^	96% (24)^	94% (93)	100% (42)	97% (74)	96% (23)^	99% (68)	100% (71)	96% (97)	97% (97)	94% (47)	89% (27)^	89% (84)	91% (98)	-	-	-	-
<i>Klebsiella pneumoniae</i>	343	96% (112)	R	90% (329)	-	-	96% (297)	94% (187)	84% (77)	90% (73)	95% (329)	99% (114)	94% (233)	100% (69)	99% (227)	100% (228)	91% (341)	98% (339)	97% (114)	85% (88)	40% (306)	94% (336)	-	-	-	-
<i>Proteus mirabilis</i>	178	94% (66)	65% (172)	73% (128)	-	-	98% (104)	51% (106)	92% (36)	96% (44)	89% (152)	97% (65)	89% (110)	100% (30)	100% (104)	100% (101)	62% (162)	82% (173)	72% (67)	R	R	67% (167)	-	-	-	-
<i>Pseudomonas aeruginosa</i>	184	R	R	R	-	-	92% (151)	R	R	R	R	94% (72)	96% (165)	96% (50)	R	91% (142)	87% (174)	-	99% (112)	R	-	R	-	-	-	-
<i>Serratia marcescens</i>	24	R	R	R	-	-	94% (18)^	R	R	R	94% (18)^	93% (15)^	100% (22)^	100% (14)^	100% (19)^	100% (20)^	96% (23)^	100% (23)^	100% (17)^	46% (13)^	R	100% (21)^	-	-	-	-
GRAM POSITIVE ORGANISMS																										
<i>Enterococcus faecalis</i>	227	-	100% (208)	-	-	100% (148)	-	R	R	-	R	-	R	-	-	-	-	-	-	31% (122)	99% (196)	R	R	98% (89)	100% (112)	100% (225)
<i>Enterococcus faecium</i>	15	-	33% (15)^	-	-	-	-	R	R	-	R	-	R	-	-	-	-	-	-	-	-	R	R	-	86% (14)^	73% (15)^
<i>Staphylococcus aureus</i>	493	-	-	-	86% (445)	-	-	-	-	-	83% (137)	-	-	-	-	-	-	-	-	89% (314)	-	99% (455)	74% (401)	99% (238)	100% (308)	100% (484)

Percent Susceptible
Key:

100-90 89-70 <70

Not enough data
to interpret, >30%
of susceptibility
data not available

(-) = Indicate drug not routinely tested or suppressed due to counts <= 10

(R) = Intrinsically resistant

(^)= Use caution interpreting results with < 30 isolates available

2025 West Central District Health Department

Includes Inpatient and Outpatient isolates from all specimen types, first isolate per patient
Data Displayed as: % Susceptible (Number of Available Isolates)

	Total Isolates	Amoxicillin_Clav	Ampicillin	Amp_Sulbactam	Oxacillin	Penicillin	Piperacillin_Tazo	Cefazolin	Cefuroxime	Cefoxitin	Ceftriaxone	Ceftazidime	Cefepime	Ceftolozane_Tazo	Ertapenem	Meropenem	Levofloxacin	Gentamicin	Tobramycin	Tetracycline	Nitrofurantoin	Trimethoprim_Sulfa	Clindamycin	Daptomycin	Linezolid	Vancomycin
GRAM NEGATIVE ORGANISMS																										
<i>Citrobacter freundii</i>	20	R	R	R	-	-	100% (11)^	R	R	R	74% (19)^	91% (11)^	100% (19)^	-	-	100% (19)^	95% (19)^	95% (20)^	-	-	94% (17)^	83% (12)^	-	-	-	-
<i>Citrobacter koseri</i>	12	-	R	-	-	-	100% (12)^	-	-	-	100% (12)^	-	100% (12)^	-	-	100% (12)^	100% (12)^	100% (12)^	-	-	91% (11)^	-	-	-	-	-
<i>Enterobacter cloacae complex</i>	43	R	R	R	-	-	86% (14)	R	R	R	64% (14)	69% (13)	100% (43)	-	100% (14)	100% (15)	95% (42)	98% (43)	92% (13)	85% (13)	39% (33)	98% (43)	-	-	-	-
<i>Escherichia coli</i>	1036	86% (347)	61% (1033)	69% (1025)	-	-	95% (1023)	73% (1020)	84% (342)	93% (309)	95% (1034)	100% (347)	96% (1026)	100% (342)	100% (387)	100% (1020)	80% (1032)	93% (1036)	89% (349)	78% (342)	98% (977)	81% (1035)	-	-	-	-
<i>Klebsiella oxytoca</i>	59	96% (24)^	R	97% (57)	-	-	100% (26)^	53% (30)	88% (25)^	100% (23)^	97% (58)	100% (24)^	98% (58)	100% (22)^	100% (28)^	100% (57)	98% (59)	98% (59)	100% (24)^	98% (24)^	96% (47)	93% (58)	-	-	-	-
<i>Klebsiella pneumoniae</i>	192	90% (58)	R	86% (187)	-	-	92% (188)	84% (83)	85% (59)	87% (52)	92% (189)	100% (60)	94% (185)	98% (59)	99% (69)	100% (183)	89% (189)	97% (191)	93% (60)	83% (59)	52% (169)	86% (190)	-	-	-	-
<i>Proteus mirabilis</i>	63	71% (59)	61% (62)	69% (62)	-	-	73% (62)	65% (60)	67% (57)	71% (49)	71% (62)	98% (59)	71% (61)	98% (57)	100% (59)	100% (60)	52% (63)	57% (63)	51% (59)	R	R	48% (63)	-	-	-	-
<i>Pseudomonas aeruginosa</i>	125	R	R	R	-	-	97% (117)	R	R	R	R	98% (115)	98% (113)	100% (27)	R	97% (117)	88% (121)	-	91% (32)	R	-	R	-	-	-	-
<i>Serratia marcescens</i>	19	R	R	R	-	-	-	R	R	R	79% (19)^	-	100% (19)^	-	-	100% (19)^	95% (19)^	100% (18)^	-	-	R	-	-	-	-	-
GRAM POSITIVE ORGANISMS																										
<i>Enterococcus faecalis</i>	127	-	99% (126)	-	-	100% (44)	-	R	R	-	R	-	R	-	-	-	-	-	-	27% (48)	99% (94)	R	R	99% (112)	100% (47)	100% (126)
<i>Enterococcus faecium</i>	14	-	50% (14)^	-	-	-	-	R	R	-	R	-	R	-	-	-	-	-	-	-	-	R	R	-	-	86% (14)^
<i>Staphylococcus aureus</i>	317	-	-	-	66% (313)	-	-	-	-	-	69% (49)	-	-	-	-	-	-	-	-	94% (306)	-	98% (314)	71% (206)	99% (282)	100% (141)	100% (314)

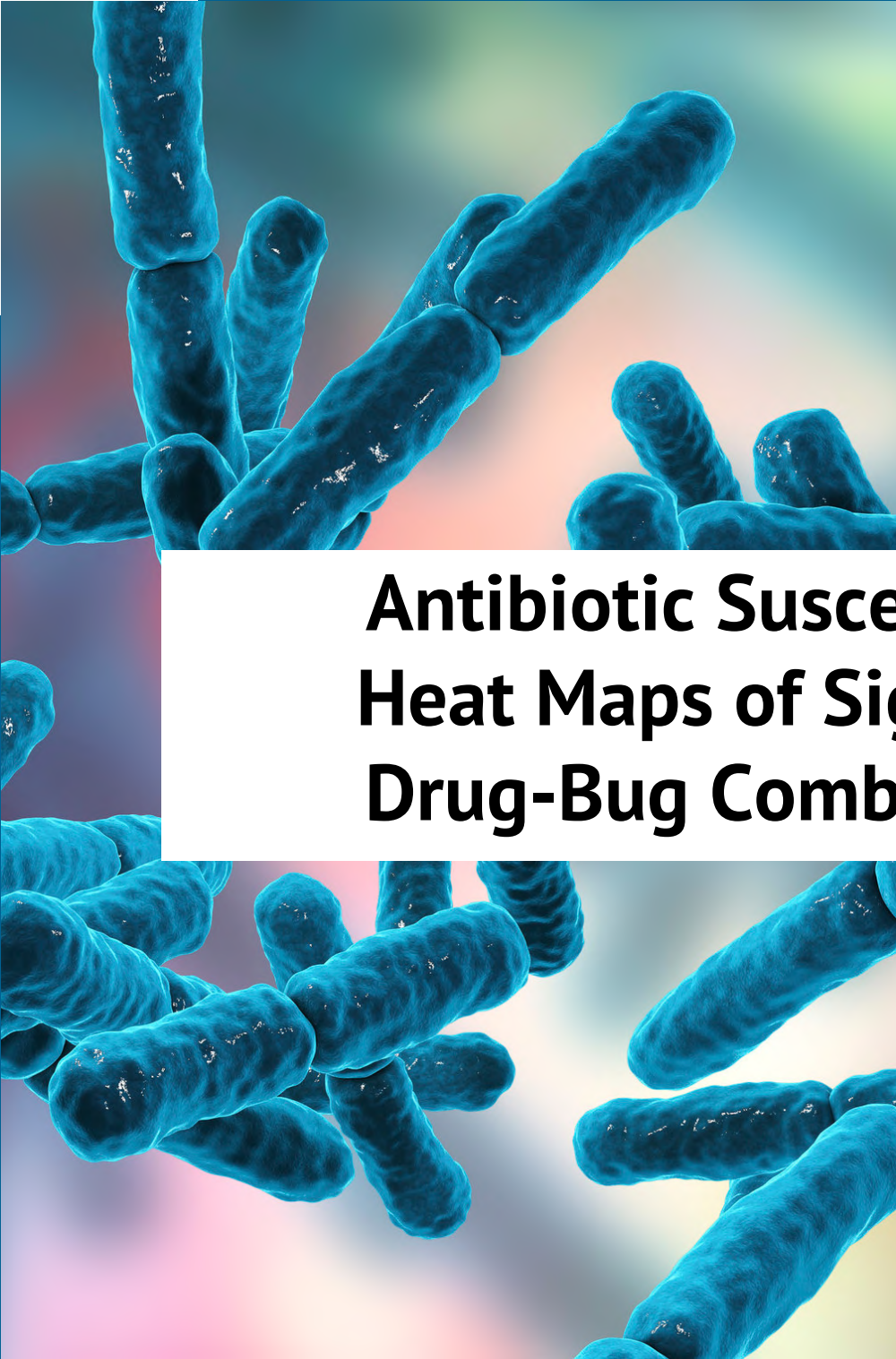
Percent Susceptible
Key:

100-90	89-70	<70	Not enough data to interpret, >30% of susceptibility data not available
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(-) = Indicate drug not routinely tested or suppressed due to counts <= 10

(R) = Intrinsically resistant

(^)= Use caution interpreting results with < 30 isolates available



Antibiotic Susceptibility Heat Maps of Significant Drug-Bug Combinations



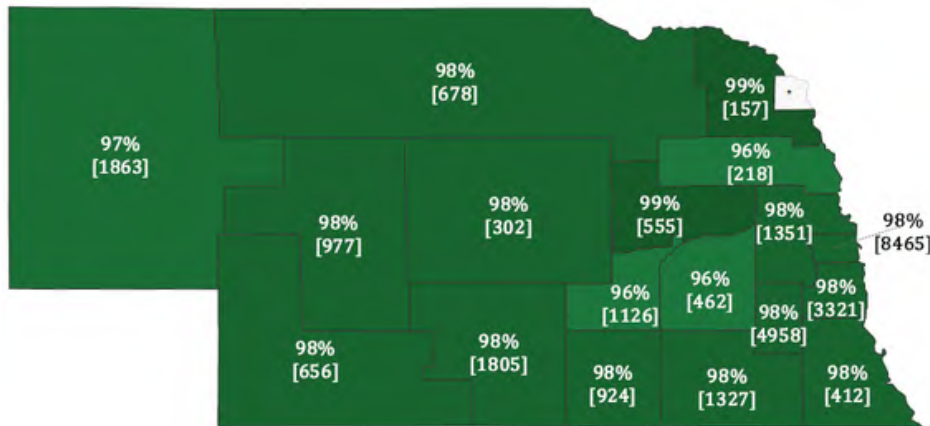
Escherichia coli

The maps below display the percent susceptibility and the number of isolates included by local health department jurisdiction. Red indicates less effective drug-bug combinations, and darker green indicates more effective combinations. * indicates insufficient data to report (<10 isolates or <50% of susceptibility data available for the drug-bug combination)

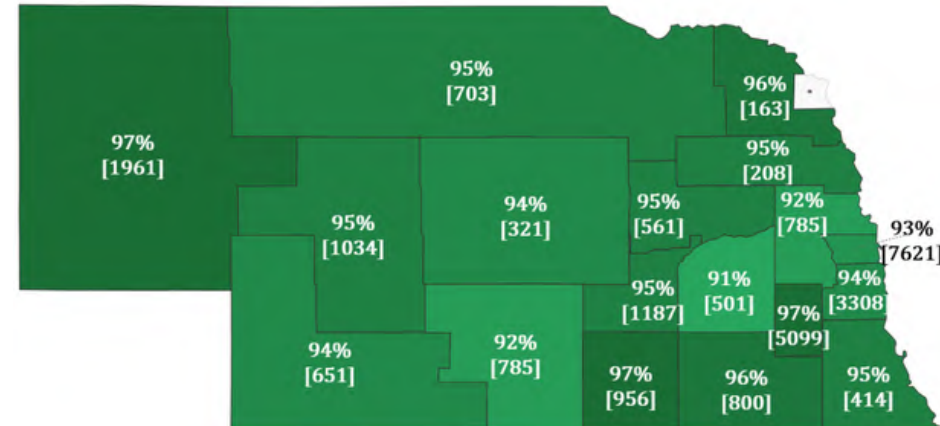


Nitrofurantoin

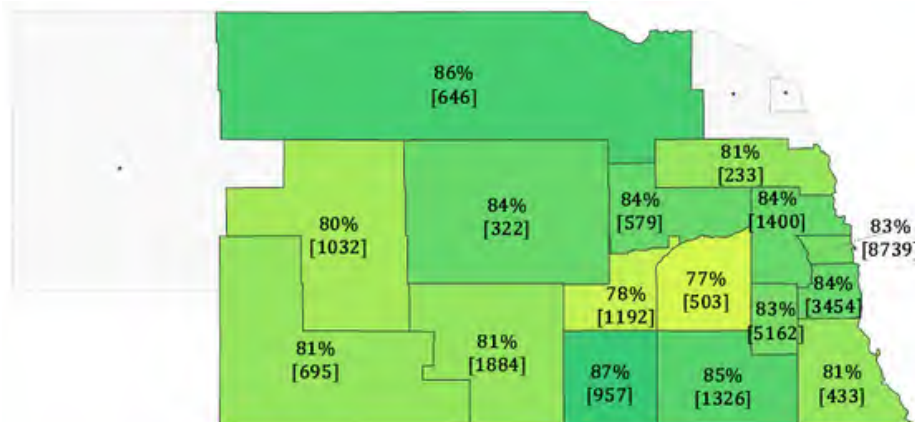
Note: Nitrofurantoin is indicated for treatment of uncomplicated urinary tract infection only.



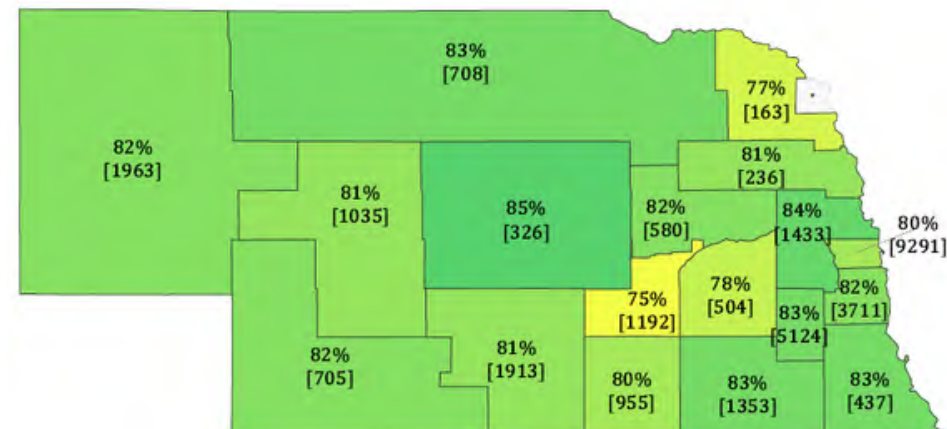
Ceftriaxone



Levofloxacin



Trimethoprim-Sulfamethoxazole

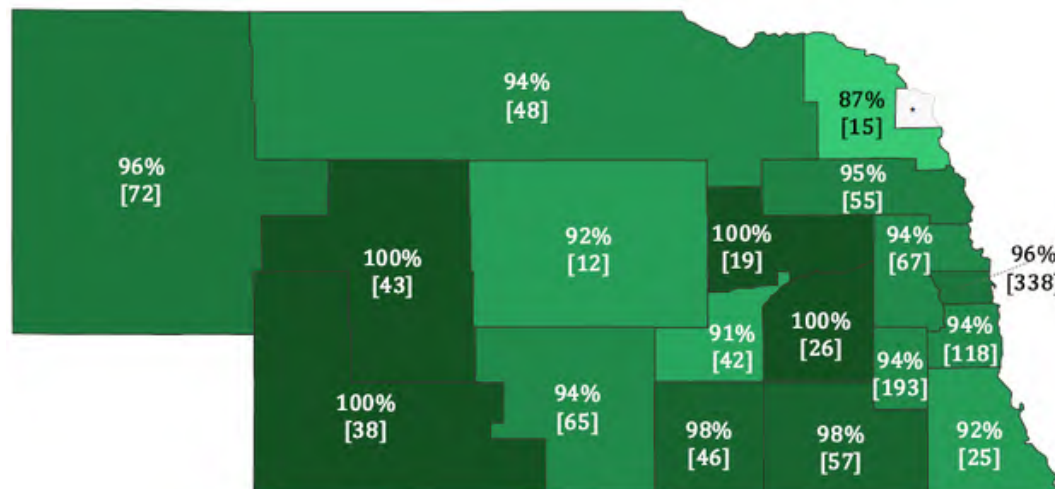


Enterobacter cloacae complex

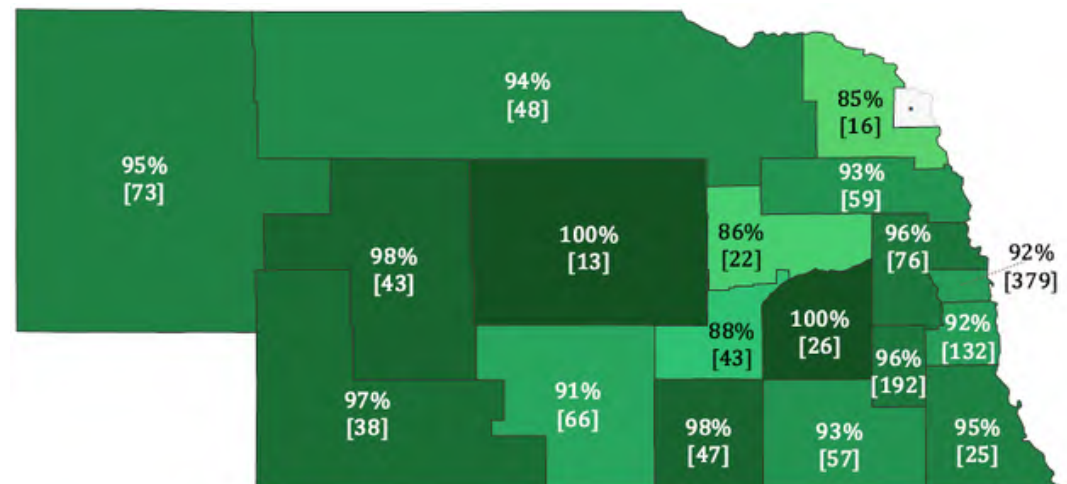
The maps below display the percent susceptibility and the number of isolates included by local health department jurisdiction. Red indicates less effective drug-bug combinations, and darker green indicates more effective combinations. * indicates insufficient data to report (<10 isolates or <50% of susceptibility data available for the drug-bug combination)



Cefepime



Trimethoprim-Sulfamethoxazole



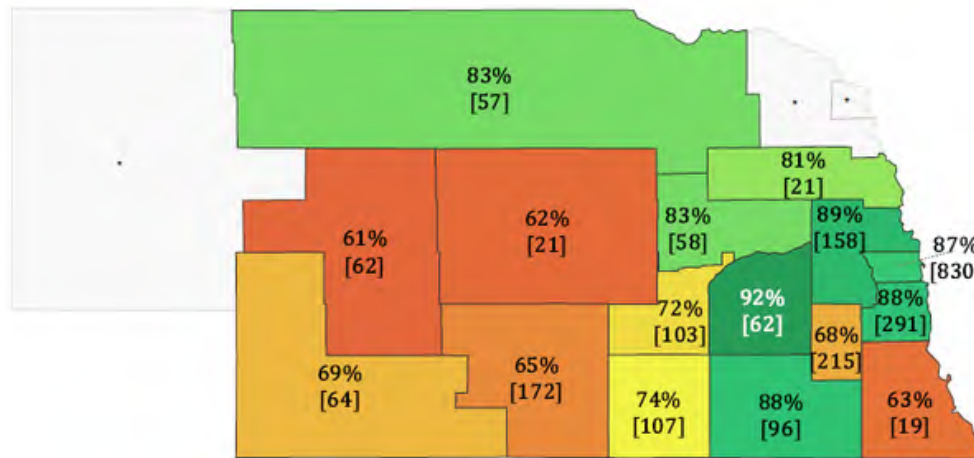
Proteus miribalis

The maps below display the percent susceptibility and the number of isolates included by local health department jurisdiction. Red indicates less effective drug-bug combinations, and darker green indicates more effective combinations.

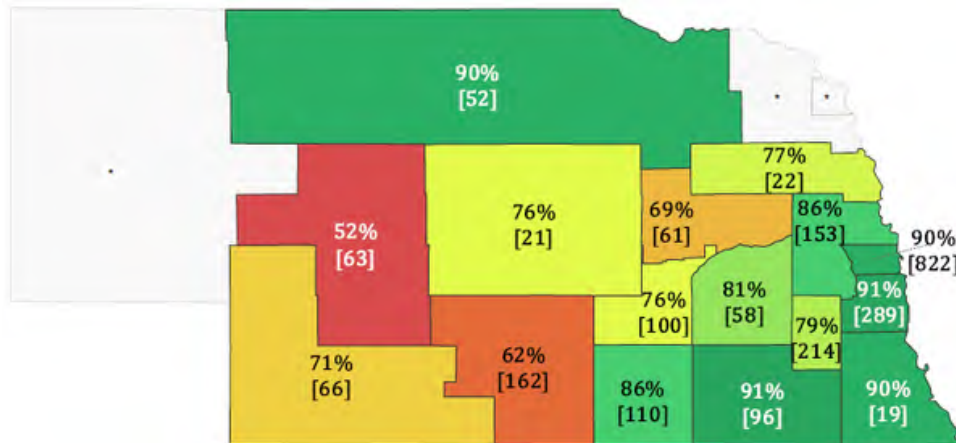
* indicates insufficient data to report (<10 isolates or <50% of susceptibility data available for the drug-bug combination)



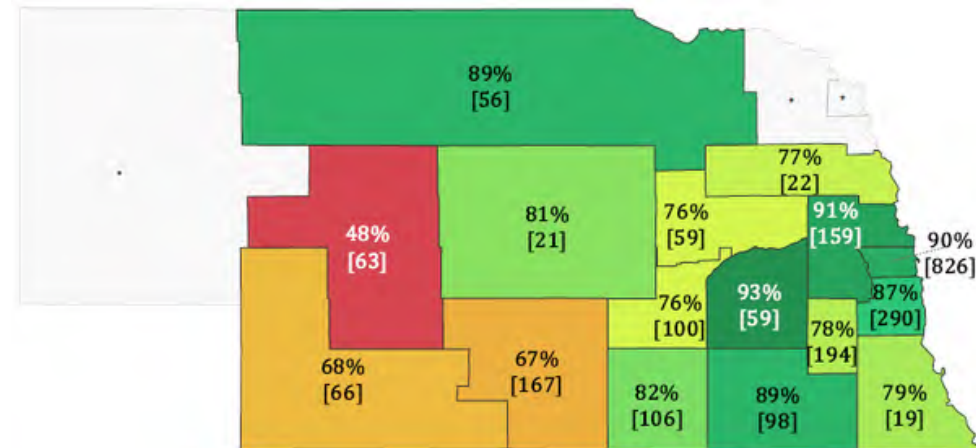
Ampicillin



Levofloxacin



Trimethoprim-Sulfamethoxazole

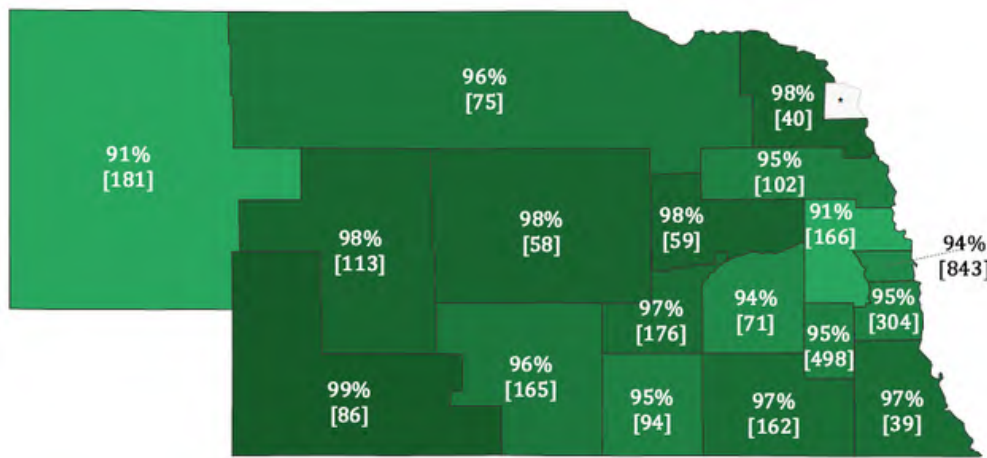


Pseudomonas aeruginosa

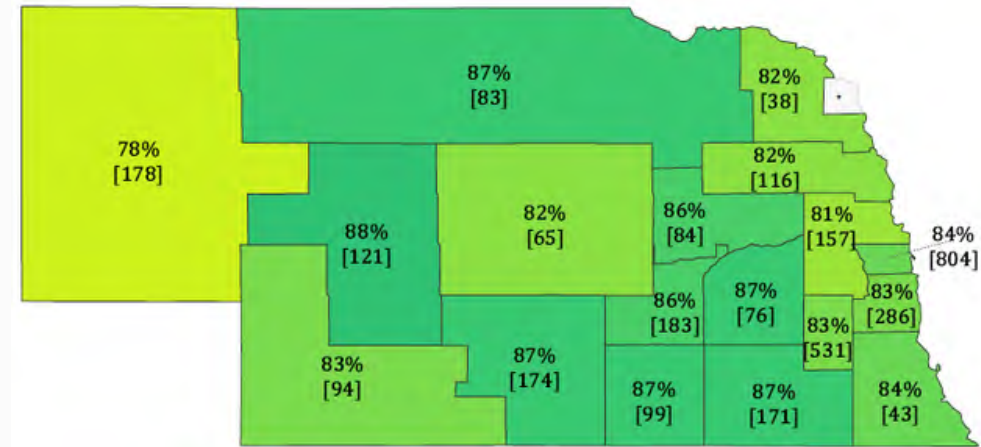


The maps below display the percent susceptibility and the number of isolates included by local health department jurisdiction. Red indicates less effective drug-bug combinations, and darker green indicates more effective combinations. * indicates insufficient data to report (<10 isolates or <50% of susceptibility data available for the drug-bug combination)

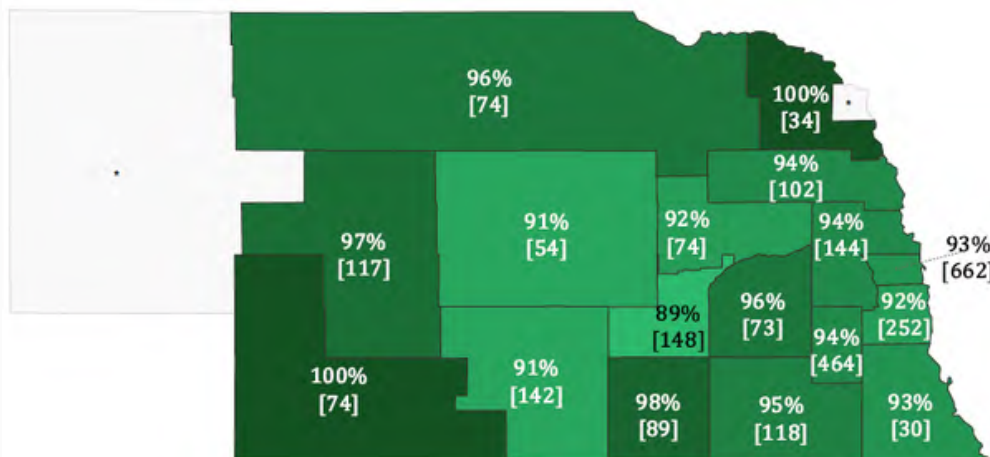
Cefepime



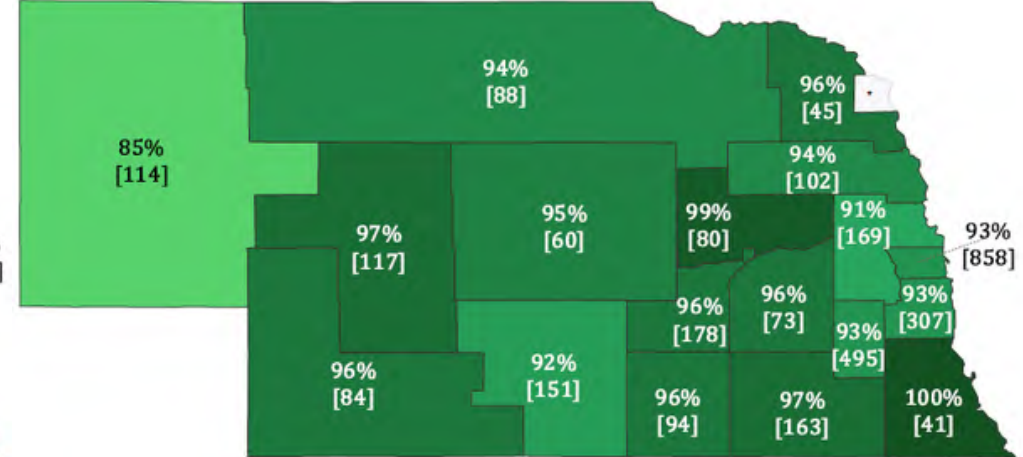
Levofloxacin



Meropenem



Piperacillin Tazobactam



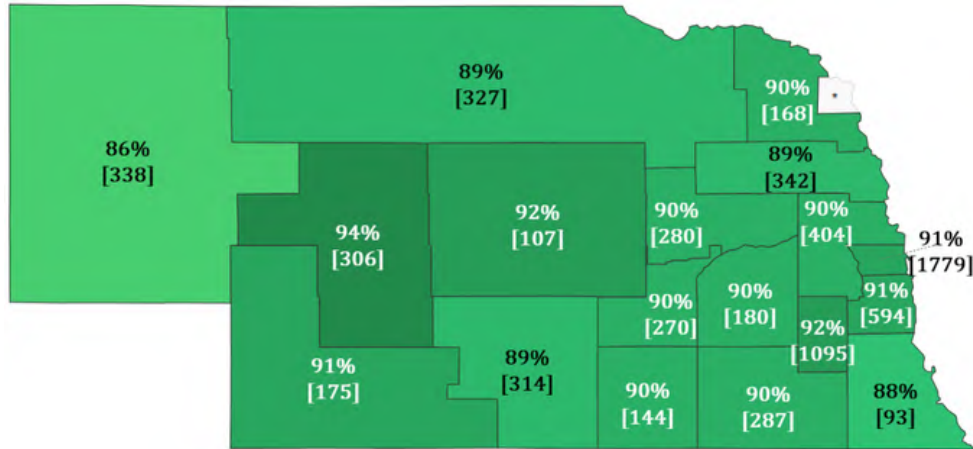
Please note: Even though meropenem shows high rates of susceptibility, cefepime or piperacillin/tazobactam are favored over meropenem to preserve carbapenems and due to the higher risk of acquired resistance with meropenem.

Staphylococcus aureus

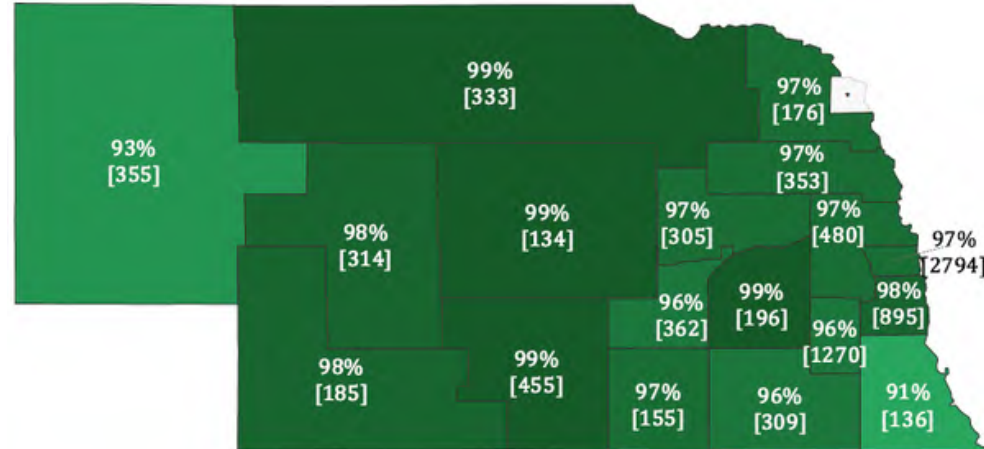
The maps below display the percent susceptibility and the number of isolates included by local health department jurisdiction. Red indicates less effective drug-bug combinations, and darker green indicates more effective combinations. * indicates insufficient data to report (<10 isolates or <50% of susceptibility data available for the drug-bug combination)



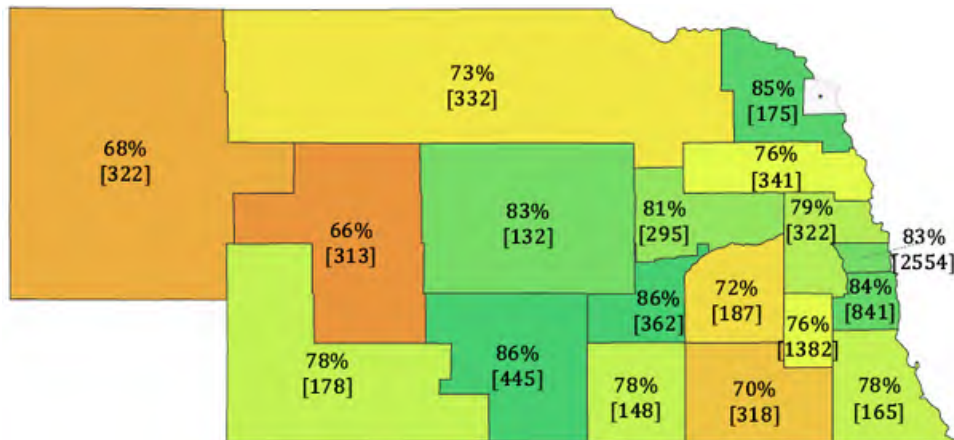
Tetracycline



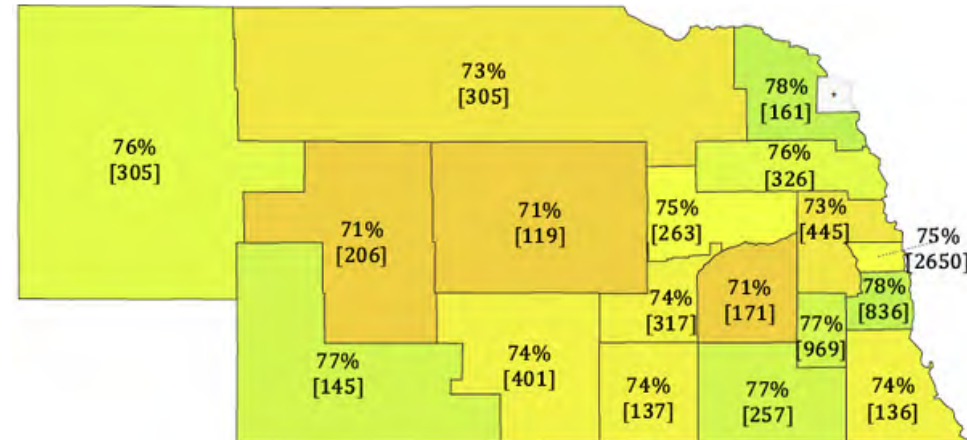
Trimethoprim-sulfamethoxazole



Oxacillin



Clindamycin

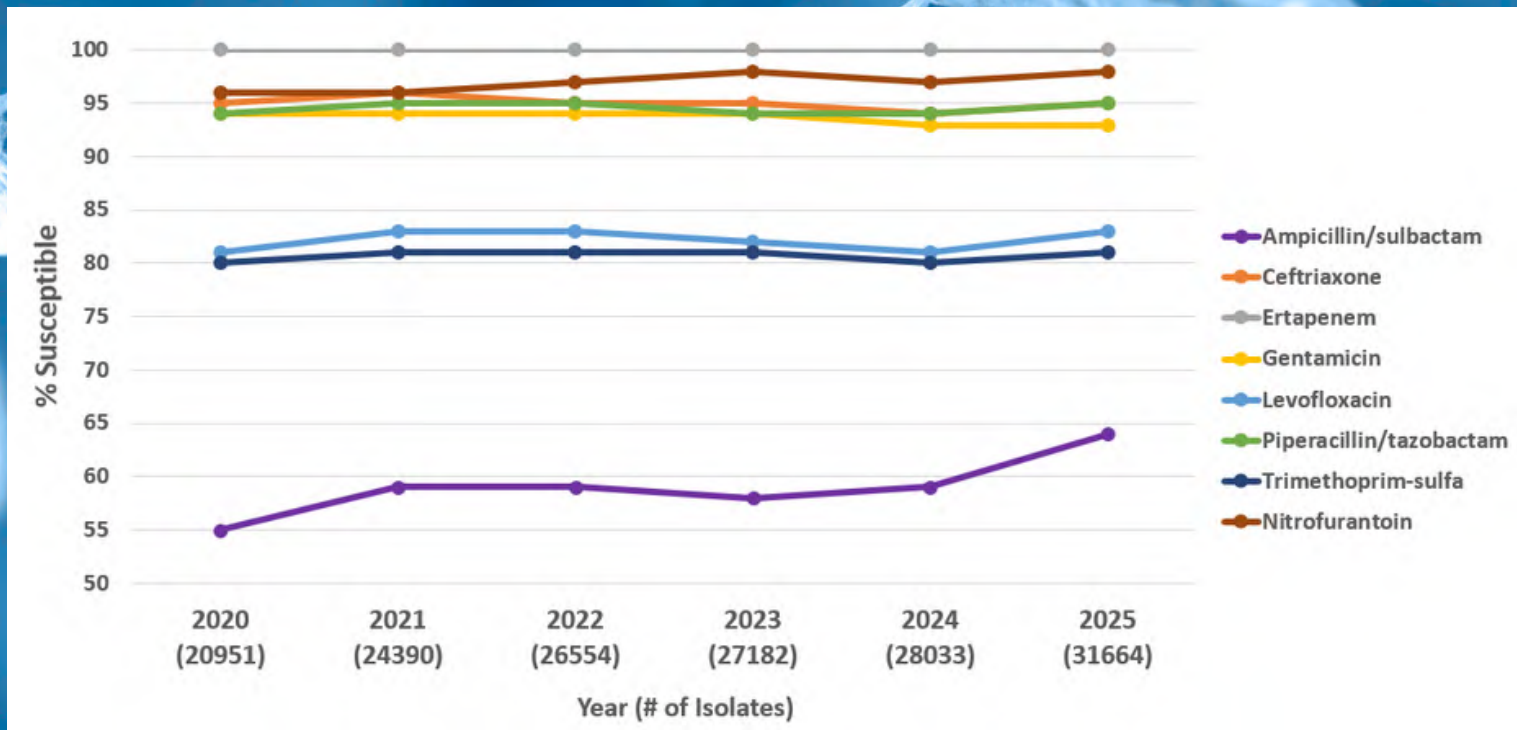




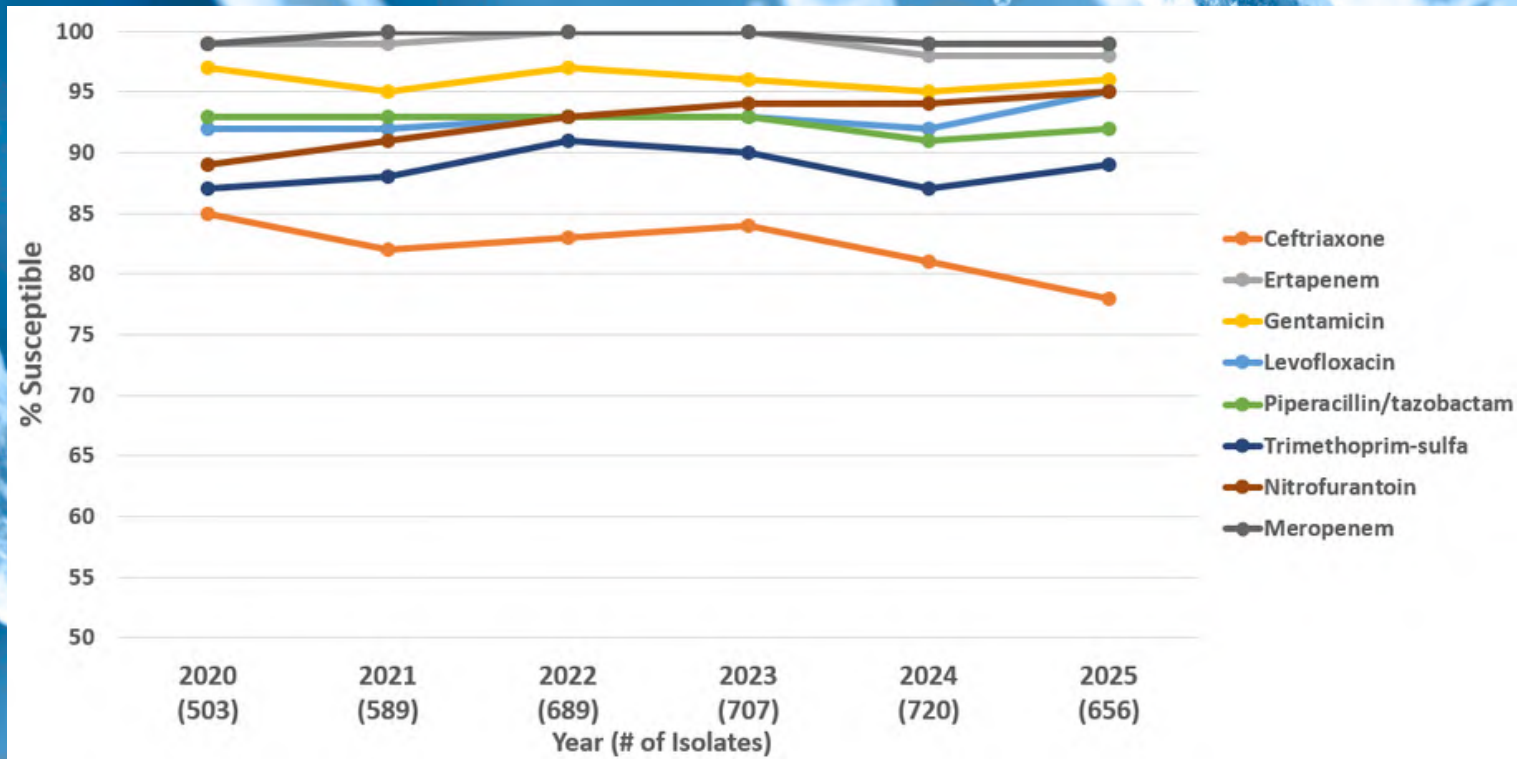
Statewide Susceptibility Trends 2020–2025



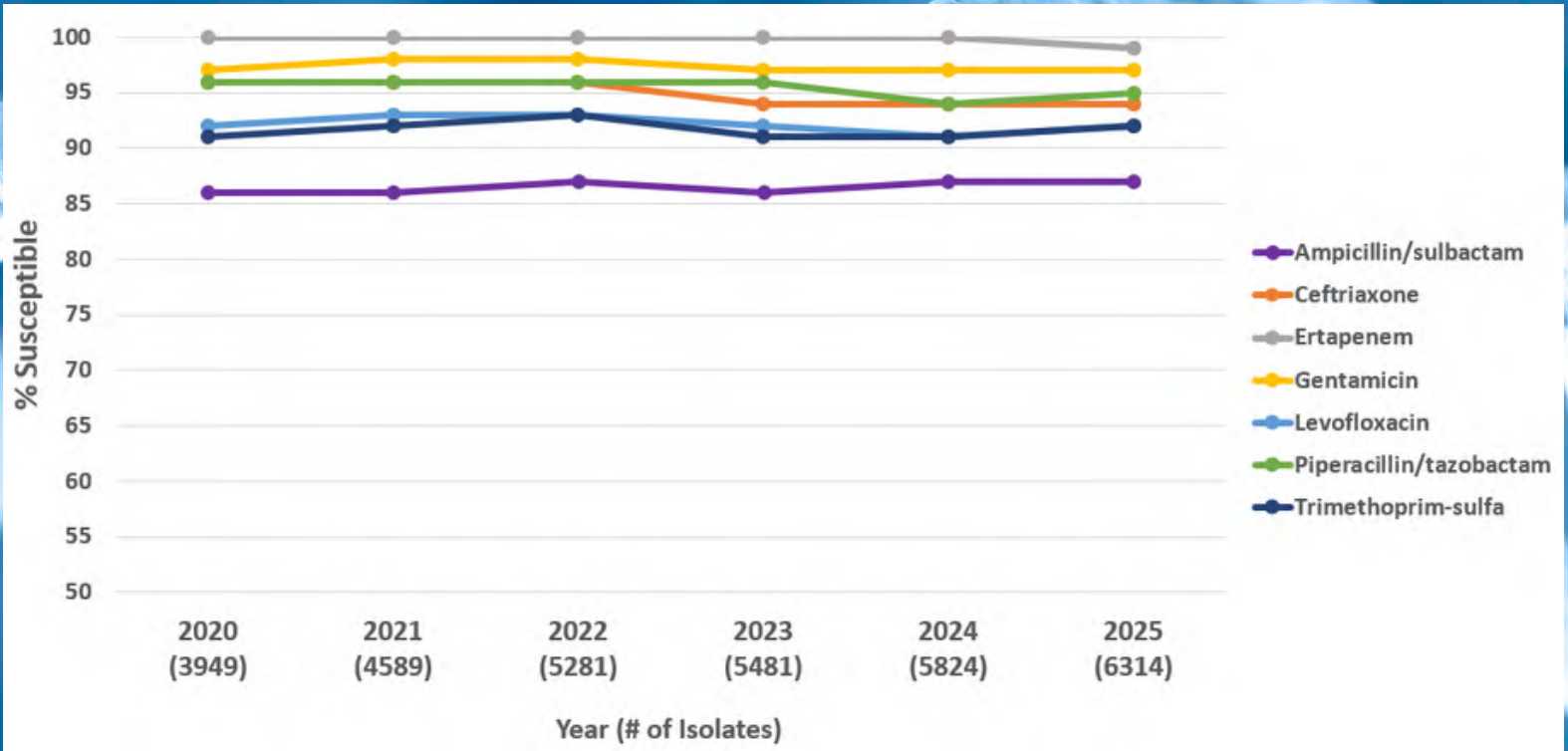
Escherichia coli



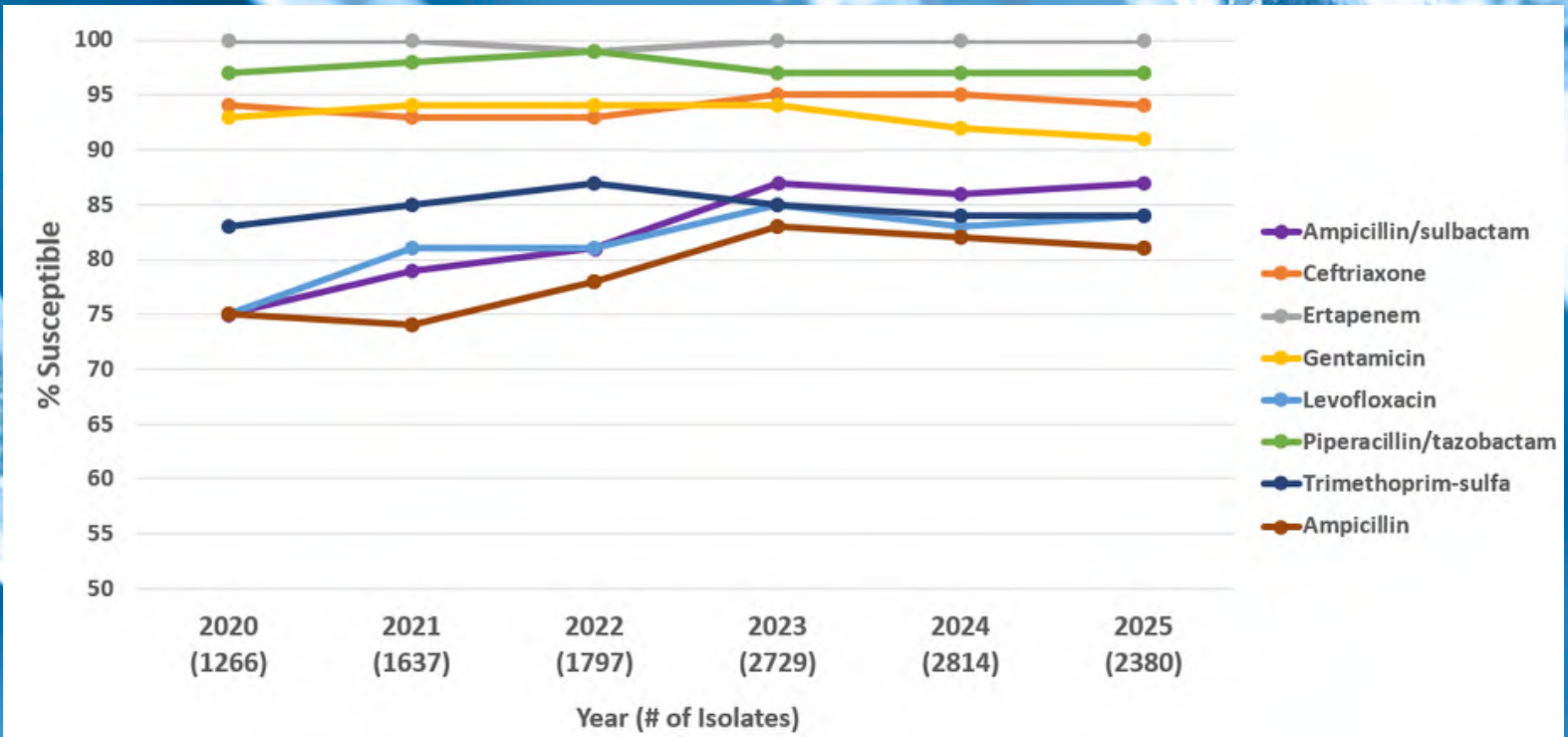
Citrobacter freundii



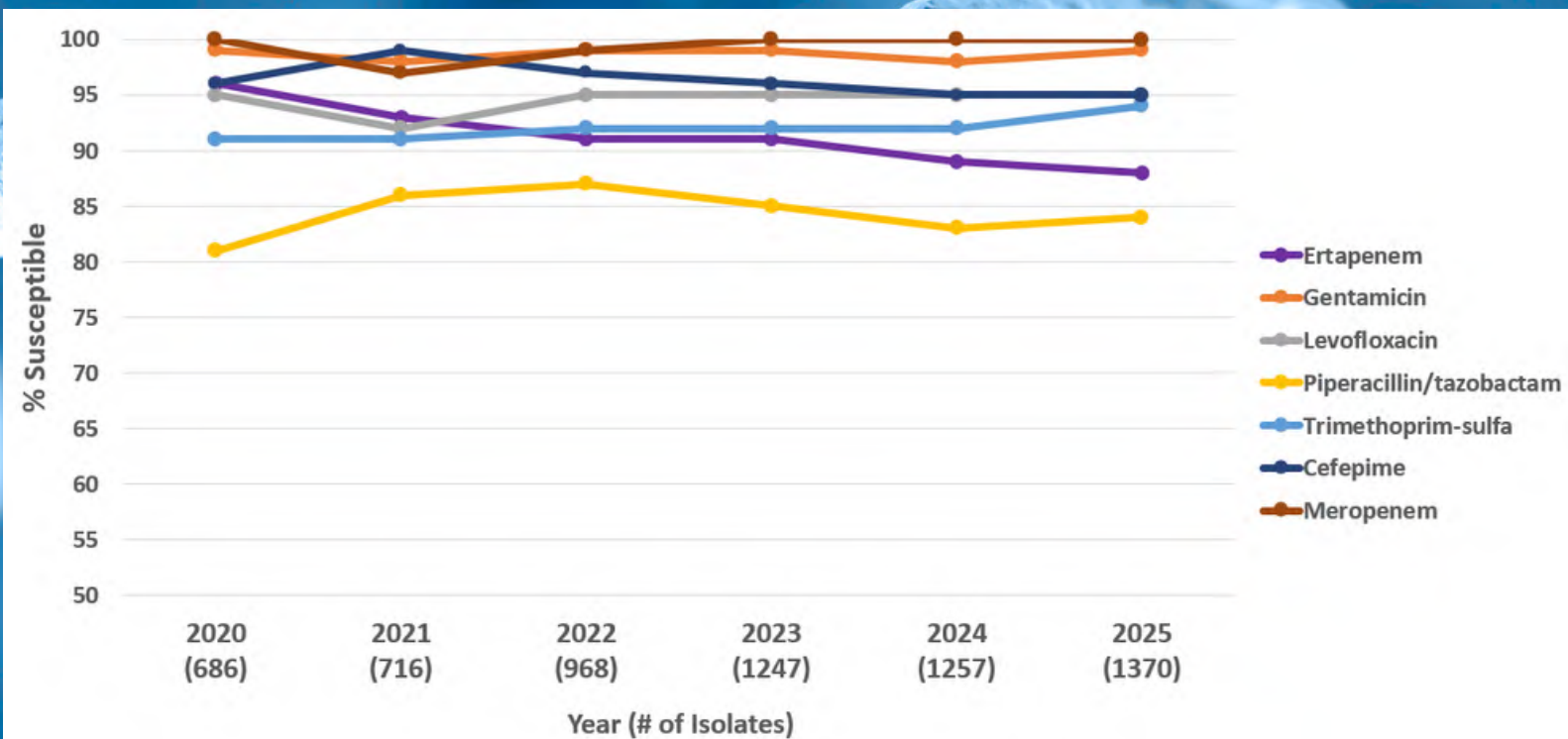
Klebsiella pneumoniae



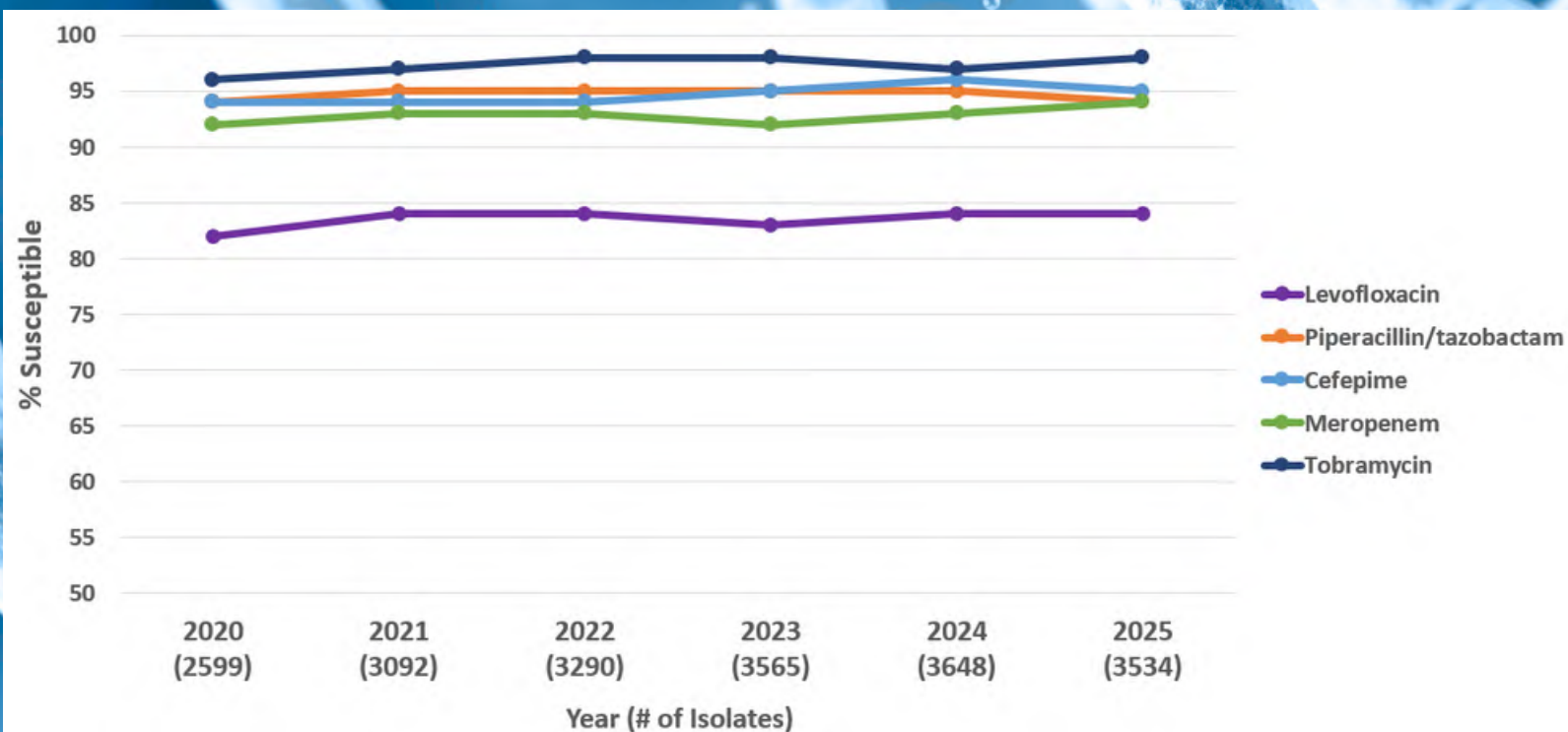
Proteus mirabilis

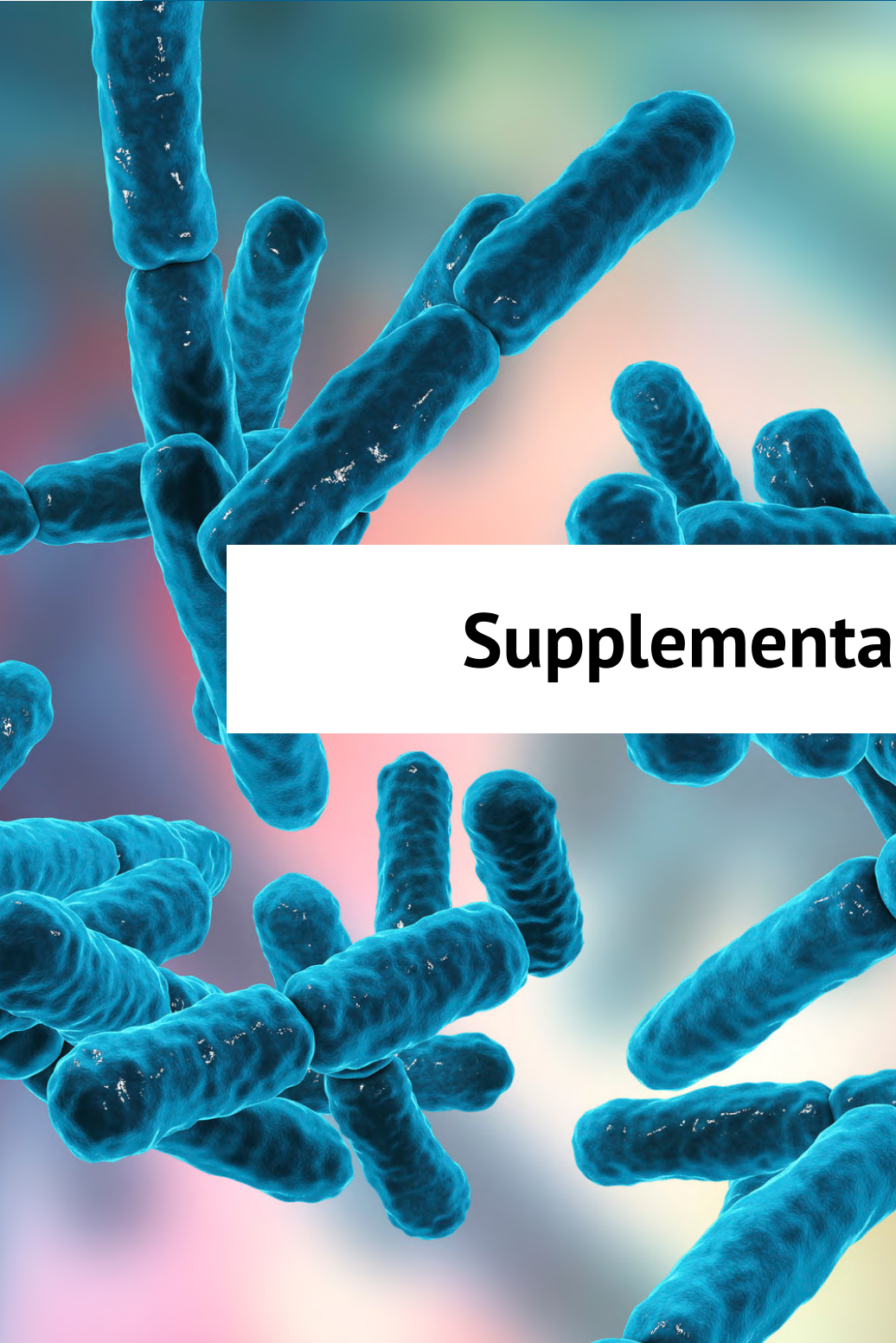


Enterobacter cloacae complex



Pseudomonas aeruginosa





Supplemental Data

2025 Enterococcus sp.

