



Cumulative Antimicrobial Susceptibility Report

January 1, 2021 — December 31, 2021

	(n)	Ampicillin	Amp/Sulbactam	Pip/Tazobactam	Ceftazidime	Ceftriaxone	Cefepime	Ertapenem	Meropenem	Ciprofloxacin	Trim/Sulfa	Amikacin	Gentamicin	Tobramycin	Nitrofurantoin ^U
<i>Citrobacter diversus</i>	40	R	R	98	100	100	100	100	NT	100	NT	100	100	100	*
<i>C. freundii</i> Complex	95	R	R	NT	67	65	98	NT	NT	96	NT	100	98	99	89
<i>Enterobacter cloacae</i> Complex	187	R	R	NT	76	74	94	NT	99	98	90	100	98	97	44
<i>Escherichia coli</i>	2172	57	67	97	95	90	99	100	100	82	79	100	94	93	97
<i>Klebsiella aerogenes</i>	94	R	R	NT	82	82	100	100	NT	100	98	100	100	99	15
<i>K. oxytoca</i>	157	R	67	NT	97	93	100	100	99	98	92	100	97	97	83
<i>K. pneumoniae</i>	482	R	83	96	96	93	98	100	100	95	90	100	98	96	29
<i>Morganella morganii</i>	100	R	R	99	93	91	98	100	100	89	86	100	91	96	R
<i>Proteus mirabilis</i>	371	80	87	98	99	98	100	100	100	84	80	100	89	92	R
<i>P. vulgaris</i>	33	R	97	100	97	91	97	100	100	100	84	100	100	100	R
<i>Providencia rettgeri</i>	35	R	74	100	91	97	100	100	100	100	NT	100	100	97	R
<i>Serratia marcescens</i>	82	R	R	NT	99	95	99	100	99	95	NT	100	99	94	R
<i>Acinetobacter baumannii</i> Complex	46	R	95	88	76	NT	91	R	NT	92	NT	NT	100	100	R
<i>Pseudomonas aeruginosa</i>	438	R	R	99	92	NT	93	R	98	93	R	99	97	100	R

Organism Groups

Acinetobacter baumannii Complex: *A. baumannii*, *A. calcoaceticus*, *A. nosocomialis*, *A. pittii*.
Citrobacter freundii Complex: *C. freundii*, *C. braakii*, *C. sedlakii*, *C. werkmanii*, *C. youngae*.
Enterobacter cloacae Complex: *E. cloacae*, *E. asburiae*, *E. hormaechei*, *E. kobei*, *E. ludwigii*, *E. mori*, *E. nimipressuralis*.
Streptococcus anginosus Group: *S. anginosus*, *S. constellatus*, *S. intermedius*.
Streptococcus mitis Group: *S. mitis*, *S. gordonii*, *S. infantarius*, *S. oralis*, *S. parasanguinus*, *S. sanguinus*.

	(n)	Ceftazidime	Levofloxacin	Trim/Sulfa
<i>Stenotrophomonas maltophilia</i>	72	25	88	94

Swedish Links

- [Blood Culture BCID2 Provider Guidance](#)
- [Adult Urinary Tract Infection \(UTI\) Guidelines](#)
- [Empiric ADULT ED - Inpatient Antibiotic Selection](#)
- [Empiric PEDIATRIC ED - Inpatient Antibiotic Selection](#)

Legend

Values are percentage of isolates which are Susceptible.

R Intrinsically Resistant
 S Intrinsically Susceptible

NU Non-Urine isolates only
 U Urine isolates only

NT Not Tested—drug is not on the standard panel for the organism, or primary method has reporting limitations. Testing available upon request.

* <30 Isolates (refer to Methodology for details)

Methodology

Susceptibility rates based upon the first isolate per patient within the given year. Excludes subsequent isolates from the same patient.

All organisms with 30 or more isolates included. Previous years' antibiograms may be reviewed for historical data on *Bacteroides fragilis* Group and *Haemophilus influenzae*, as insufficient numbers of these were seen for inclusion this year.

Compilation for 2021 was derived from Cerner DA2 line list data.

	(n)	Oxacillin	Ciprofloxacin	Levofloxacin	Trim/Sulfa	Gentamicin	Tetracycline	Vancomycin	Clindamycin ^{NU}	Erythromycin ^{NU}	Nitrofurantoin ^U
<i>Staphylococcus aureus</i>	1280	60	61	62	85	99	90	100	79	45	–
<i>S. aureus</i> (MSSA only)	763	S	89	90	96	99	96	100	82	68	–
<i>S. aureus</i> (MRSA only)	517	R	19	21	70	99	82	100	75	11	*
<i>S. lugdunensis</i>	58	76	93	95	NT	93	91	100	79	81	*
<i>Staphylococcus</i> spp., not <i>S. aureus</i> or <i>S. lugdunensis</i>	1336	50	74	75	NT	93	83	100	67	43	99
<i>S. capitis</i>	121	88	88	87	NT	98	95	100	82	75	*
<i>S. epidermidis</i>	735	39	69	70	NT	89	82	100	62	36	99
<i>S. haemolyticus</i>	55	55	58	58	NT	80	82	100	51	38	*
<i>S. hominis</i>	287	60	84	84	NT	100	74	100	70	37	*
<i>S. warneri</i>	34	71	85	85	NT	100	97	100	81	72	*

	(n)	Penicillin	Ceftriaxone	Cefotaxime	Clindamycin ^{NU}	Erythromycin ^{NU}	Levofloxacin	Vancomycin
<i>Streptococcus pneumoniae</i>								
Meningitis Breakpoints	34	82	97	97	NT	82	100	100
Non-Meningitis Breakpoints		85	100	100				
<i>Streptococcus</i> ‘viridans’	88	75	100	100	NT	NT	NT	100
<i>Streptococcus</i> ‘viridans’ <i>S. mitis</i> Group Only	49	71	100	100	NT	NT	NT	100
<i>Streptococcus anginosus</i> Group	39	94	100	100	NT	NT	NT	100
<i>Streptococcus pyogenes</i> (Beta-hemolytic Strep, Group A)	37	100	100	100	62	58	100	100
<i>Streptococcus agalactiae</i> (Beta-hemolytic Strep, Group B)	35	100	100	97	51	41	95	100

	(n)	Penicillin	Vancomycin	Gentamicin	Streptomycin	Nitrofurantoin ^U	Ciprofloxacin	Levofloxacin
<i>Enterococcus faecalis</i>	602	100	99	83	88	100	87	88
<i>E. faecium</i>	65	49	83	94	80	*	38	31

Amoxicillin is drug of choice for *Enterococcus* cystitis regardless of susceptibilities, Susceptibility testing should be requested for complicated or upper tract infections. AAC PMIC:26369973