

**Inpatient ICU - Gram Positive Organisms**

Category		Beta Lactams				Macrolide Lincosamide	Fluoroquinolone	Tetracyclines		Aminoglycosides			Other					
Organism	n	Penicillin G	Ampicillin	Oxacillin <sup>B</sup>	Cefazolin	Erythromycin	Clindamycin	Levofloxacin	Tetracycline	Minocycline	Gentamicin	Gent, High Level	Strep, High Level	Daptomycin	Linezolid	Rifampin	Trimethoprim/Sulfamethoxazole	Vancomycin <sup>C</sup>
breakpoints (mcg/mL) Staph spp				2 <sup>B</sup>	8	0.5	0.5	1	4	4	4			1	4	1	2/38	2 <sup>C</sup>
Staphylococcus aureus, all	210	—	—	66	66	53	78	72	86	98	92	—	—	100	100	100	98	100
Staphylococcus aureus	142	—	—	100	100	77	85	92	96	100	97	—	—	100	100	100	99	100
Staphylococcus aureus, MRSA	75	—	—	0	0	9	66	28	67	96	84	—	—	100	100	100	97	100
Coagulase Negative Staphylococci	21 <sup>A</sup>	—	—	57	57	38	55	85	85	100	76	—	—	100	100	95	—	100
breakpoints (mcg/mL) Enterococcus spp		8	8			0.5		2	4	4		S	S	4	2			4
Enterococcus species, all	95	68	70	0	0	18	0	65	37	40	0	91	60	95	97	0	0	76
Enterococcus faecium	38	23	23	0	0	7	0	27	30	43	0	100	28	85	97	—	0	47
Enterococcus faecalis	57	98	100	0	0	27	0	83	39	38	0	85	78	100	98	0	0	98

**Inpatient Non-ICU - Gram Positive Organisms**

Category		Beta Lactams				Macrolide Lincosamide	Fluoroquinolone	Tetracyclines		Aminoglycosides			Other					
Organism	n	Penicillin G	Ampicillin	Oxacillin <sup>B</sup>	Cefazolin	Erythromycin	Clindamycin	Levofloxacin	Tetracycline	Minocycline	Gentamicin	Gent, High Level	Strep, High Level	Daptomycin	Linezolid	Rifampin	Trimethoprim/Sulfamethoxazole	Vancomycin <sup>C</sup>
breakpoints (mcg/mL) Staph spp				2 <sup>B</sup>	8	0.5	0.5	1	4	4	4			1	4	1	2/38	2 <sup>C</sup>
Staphylococcus aureus, all	202	—	—	52	52	46	70	60	72	97	88	—	100	99	100	99	97	100
Staphylococcus aureus	108	—	—	100	100	68	78	87	88	97	95	—	—	100	100	100	100	100
Staphylococcus aureus, MRSA	95	—	—	0	0	20	62	33	55	98	81	—	100	98	100	97	94	100
Coagulase Negative Staphylococci	42	—	—	26	26	29	48	50	66	100	81	100	100	100	100	90	60	100
breakpoints (mcg/mL) Enterococcus spp		8	8			0.5		2	4	4		S	S	4	2			4
Enterococcus species, all	194	65	67	0	0	22	0	54	20	24	0	87	59	97	95	—	0	72
Enterococcus faecalis	115	98	100	0	0	29	0	80	20	23	0	80	81	100	98	—	0	96
Enterococcus faecium	78	11	14	0	0	6	0	15	17	22	0	98	23	94	93	—	0	38

Category		Beta Lactams				Macrolide Linco- samide	Fluor oquin olone	Tetra cyclines		Aminoglycosides			Other					
Organism	n	Penicillin G	Ampicillin	Oxacillin <sup>B</sup>	Cefazolin	Erythromycin	Clindamycin	Levofloxacin	Tetracycline	Minocycline	Gentamicin	Gent, High Level	Strep, High Level	Daptomycin	Linezolid	Rifampin	Trimethoprim / Sulfamethoxazole	Vancomycin <sup>C</sup>
breakpoints (mcg/mL) Staph spp				2 <sup>B</sup>	8	0.5	0.5	1	4	4	4			1	4	1	2/38	2 <sup>C</sup>
Staphylococcus aureus, all	612	—	—	77	77	56	73	72	86	96	93	—	100	100	100	99	99	100
Staphylococcus aureus	473	—	—	100	100	67	76	85	91	96	97	—	100	100	100	98	99	100
Staphylococcus aureus, MRSA	144	—	—	0	0	17	61	28	67	95	81	—	—	100	100	99	97	100
Coagulase Negative Staphylococci	79	—	—	83	83	72	77	86	84	95	98	100	100	100	100	100	100	100
breakpoints (mcg/mL) Enterococcus spp		8	8			0.5		2	4	4		S	S	4	2			4
Enterococcus species, all	322	95	96	0	0	10	0	87	28	30	0	88	84	99	100	—	0	96
Enterococcus faecalis	308	99	100	0	0	8	0	90	27	29	0	87	87	99	100	—	0	98
Enterococcus faecium	13 <sup>A</sup>	38	30	0	0	0	0	23	46	53	0	92	30	100	100	—	0	53

Data source: UCDH Laboratory Information Service, excluding duplicate, CF and surveillance isolates.

Breakpoints for susceptibility defined by Clinical Laboratory Standards Institute (CLSI M100 29th Edition, Jan 2019) .

Organisms with a total number of less than 10 isolates recovered for the year are not included in this report.

**Footnotes:**

<sup>A</sup> Calculated from fewer than the standard recommendation of 30 isolates. Interpret with caution.

<sup>B</sup> *S. aureus* and *S. lugdunensis* oxacillin breakpoint = 2 mcg/mL;

other coagulase-negative staphylococci breakpoint = 0.25 mcg/mL.

<sup>C</sup> Coagulase-negative staphylococci vancomycin breakpoint = 4 mcg/mL.