

UCSF ADULT INPATIENT SUSCEPTIBILITY DATA 2019¹

N/A-testing NOT APPLICABLE to organism. AMP-ampicillin, AMP/SUL-ampicillin/sulbactam, CZOL-cefazolin, CTRX-ceftriaxone, CFPM-cefepime, CIP-ciprofloxacin, CLIN-clindamycin, DAP-daptomycin, DOX-doxycycline, LZD-linezolid, MER –meropenem, NAF-nafcillin, NTF-nitrofurantoin, PCN-penicillin, P/T-piperacillin-tazobactam, TOB-tobramycin, T/S-trimethoprim/sulfamethoxazole, VANC-vancomycin

Total isolates include Floor Isolates and ICU Isolates from Parnassus (% Strains Susceptible, tested from all sites except as indicated)

Organism	Total Isolates	CTRX	ERTA	CTAZ	CFPM	TOB	CIP	P/T	MER	
<i>Incidence-weighted Gram-negative susceptibility, by location</i>										
Floor	1112	62 (74) ²	82 (98) ²	82	85	87	72	91	97	
ICU	316	64 (78) ²	80 (97) ²	81	89	91	85	86	97	
<i>Gram-negative susceptibility, by organism, Inpatient+ICU</i>										
<i>Citrobacter freundii</i>	44	63	95	61	93	84	86	87	95	
<i>Enterobacter cloacae</i>	123	66	91	66	94 (98) ³	94	91	72	99	
<i>Escherichia coli</i>	555	69	99	79	78 (91) ³	82	61	94	99	
<i>Klebsiella aerogenes</i>	44	77	95	79	100	100	88	81	97	
<i>Klebsiella oxytoca</i>	45	84	100	84	91 (98) ³	84	84	86	100	
<i>Klebsiella pneumoniae</i>	206	77	94	80	80 (90) ³	83	82	88	97	
<i>Proteus mirabilis</i>	122	94	100	95	95 (98) ³	88	72	99	100	
<i>Pseudomonas aeruginosa</i> *	238	N/A	N/A	89	91	97	84	85	89	
ICU	57	N/A	N/A	80	84	94	82	73	87	
Non-ICU	181	N/A	N/A	93	94	98	85	89	90	
<i>Serratia marcescens</i>	51	96	100	100	100	100	98	100	100	
<i>Gram-positive susceptibility by organism, Inpatient+ICU</i>										
	Total Isolate	PCN/AMP	CTRX	NAF	CLIN	DOX	T/S	VANC	DAP	LZD
<i>Staphylococcus aureus</i>	562	N/A	N/A	73	73	91	95	100	100	100
MSSA	422	N/A	N/A	100	78	93	97	100	100	100
MRSA	148	N/A	N/A	N/A	56	88	90	100	100	100
<i>Staphylococcus epidermidis</i>	248	N/A	N/A	38	60	89	51	100	100	100
<i>Streptococcus pneumoniae</i> ⁴	18	100 (72)	100 (83)	N/A	94	94	94	100	N/A	N/A
<i>Enterococcus faecalis</i> (bloodstream isolates only)	30	100 ⁵	N/A	N/A	N/A	23	N/A	97	100	100
<i>Enterococcus faecium</i> (bloodstream isolates only)	23	13 ⁵	N/A	N/A	N/A	30	N/A	39	100 ⁶	100

*For critically ill patients where double coverage is desired, contact ID consult or antimicrobial stewardship

¹Adult inpatient susceptibilities include data from 4/1/2019 – 3/31/2020; ²Parentheses excludes *Pseudomonas* isolates; ³Percent susceptibility including susceptibility dose-dependent isolates; ⁴results in parentheses are using breakpoints for meningitis (vancomycin should be added empirically for suspected meningitis); ⁵results are for ampicillin; ⁶represents susceptible dose-dependent isolates only

UCSF ADULT OUTPATIENT SUSCEPTIBILITY DATA 2019

	Total Isolates	NAF	CLIN	T/S	DOX	VANC	LZD
<i>Staphylococcus aureus</i>	522	86	71	96	90	100	100
MSSA	452	99	74	97	92	100	100
MRSA	72	N/A	50	90	80	100	100
	Total Isolates	AMP/SUL	CZOL	T/S	CIP	NTF	CTX
<i>E.coli, urine</i>	796	65 ¹	66 ²	71	79	99	90

¹reasonable to extrapolate to PO amoxicillin/clavulanate; ²reasonable to extrapolate to PO cephalexin for lower urinary tract infections (cystitis); ³nitrofurantoin only achieves adequate concentrations in the bladder; not effective in pyelonephritis