

### UCSF ADULT INPATIENT SUSCEPTIBILITY DATA 2020<sup>1</sup>

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)

For detailed results including ICU-specific and combination antibiograms visit <https://idmp.ucsf.edu/antibiograms>

Organism	Total Isolates	CTRX	ERTA	CTAZ	CFPM	TOB	CIP	P/T	MER	
<i>Gram-negative organisms</i>										
Weighted average of all Gram-negative organisms	1325	65 (79) <sup>2</sup>	80 (98) <sup>2</sup>	86	88 (93) <sup>3</sup>	90	75	90	97	
<i>Citrobacter freundii</i>	31	76	100	87	93	87	83	90	100	
<i>Enterobacter cloacae</i>	81	70	93	72	87 (99) <sup>3</sup>	93	91	72	98	
<i>Escherichia coli</i>	478	75	99	85	84 (92) <sup>3</sup>	86	60	92	99	
<i>Klebsiella aerogenes</i>	49	63	100	63	100	100	100	67	100	
<i>Klebsiella oxytoca</i>	63	80	100	87	87 (95) <sup>3</sup>	84	85	92	100	
<i>Klebsiella pneumoniae</i>	201	84	96	86	85 (92) <sup>3</sup>	90	82	92	97	
<i>Proteus mirabilis</i>	127	92	100	99	93 (99) <sup>3</sup>	88	76	99	99	
<i>Pseudomonas aeruginosa</i> *	240	N/A	N/A	87	89	98	84	86	91	
<i>Serratia marcescens</i>	55	98	100	100	100	100	90	100	100	
<i>Gram-positive organisms</i>										
	Total Isolate	PCN/AMP	CTRX	NAF	CLIN	DOX	T/S	VANC	DAP	LZD
<i>Staphylococcus aureus</i>	476	N/A	N/A	69	73	91	96	100	100	99
MSSA	340	N/A	N/A	98	80	95	97	100	100	99
MRSA	148	N/A	N/A	N/A	53	80	92	100	100	100
<i>Staphylococcus epidermidis</i>	209	N/A	N/A	31	56	81	54	100	100	100
<i>Streptococcus pneumoniae</i> <sup>4</sup>	14	79 (50)	71 (64)	N/A	78	64	64	100	N/A	N/A
<i>Enterococcus faecalis</i> (bloodstream isolates only)	25	100 <sup>5</sup>	N/A	N/A	N/A	16	N/A	100	96	100
<i>Enterococcus faecium</i> (bloodstream isolates only)	22	14 <sup>5</sup>	N/A	N/A	N/A	45	N/A	41	100 <sup>6</sup>	95

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

<sup>1</sup>Adult inpatient susceptibilities include data from 4/1/2020 – 3/31/2021; <sup>2</sup>Parentheses excludes *Pseudomonas* isolates; <sup>3</sup>Percent susceptibility including susceptibility dose-dependent isolates; <sup>4</sup>Results in parentheses are using breakpoints for meningitis (vancomycin should be added empirically for suspected meningitis); <sup>5</sup>Results are for ampicillin; <sup>6</sup>Represents susceptible dose-dependent isolates only

### UCSF ADULT OUTPATIENT SUSCEPTIBILITY DATA 2020

	Total Isolates	NAF	CLIN	T/S	DOX	VANC	LZD
<i>Staphylococcus aureus</i>	376	82	77	97	89	100	100
MSSA	313	100	79	97	90	100	100
MRSA	67	N/A	65	97	83	100	100
	Total Isolates	AMP/SUL	CZOL	T/S	CIP	NTF	CTX
<i>E.coli, urine</i>	703	70 <sup>1</sup>	77 <sup>2</sup>	79	79	98 <sup>3</sup>	92

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