


Combined Outpatient Antibigram 2018

Unique Bacterial Isolates: % Susceptible

	Number of Isolates	Ampicillin	Amoxicillin/clavulanate	Ampicillin/Sulbactam	Piperacillin/Tazobactam	Cefazolin	Ceftazidime	Ceftriaxone	Cefepime	Imipenem	Gentamicin	Tobramycin	Ciprofloxacin	Levofloxacin	Nitrofurantoin [^]	Trimethoprim-Sulfamethoxazole	Erythromycin	Clindamycin	Linezolid	Daptomycin	Oxacillin [*]	Vancomycin	Doxycycline	Tetracycline	
GRAM-NEGATIVE ORGANISMS																									
<i>Acinetobacter baumannii</i> complex	45			91	71		78	13	82	93	89	93	84	84		82									
<i>Citrobacter freundii</i>	253				84		83	83	100	100	96	98	96	95	98	86									
<i>Citrobacter koseri</i>	271		99		100	99	100	100	100	100	100	100	100	100	94	99									
<i>Enterobacter aerogenes</i>	279				92		92	94	99	100	100	100	99	99		99									
<i>Enterobacter cloacae</i>	296				81		80	81	95	100	98	98	97	96		99									
<i>Enterobacter cloacae</i> complex [#]	132				82		81	80	96	100	98	97	95	95		89									
<i>Escherichia coli</i>	15083	63	85	67	98	91	96	96	97	100	94	95	89	89	97	84									
<i>Klebsiella oxytoca</i>	261		92	67	94	60	98	98	99	100	98	99	99	99	88	95									
<i>Klebsiella pneumoniae</i>	2001		96	90	97	96	98	98	98	99	98	98	98	98	37	94									
<i>Morganella morganii</i>	124				100	90	97	100	94*	98	97	94	94			81									
<i>Proteus mirabilis</i>	1150	87	95	93	100	94	99	99	99	94*	96	96	90	90		90									
<i>Pseudomonas aeruginosa</i>	980				97		96		95	93	96	99	90	86											
<i>Raoultella ornithinolytica</i>	35		91	86	97	91	91	91	97	100	91	91	97	97	97										
<i>Serratia marcescens</i>	159				X		97	96	97	X	99	91	98	97		99									
GRAM-POSITIVE ORGANISMS																									
<i>Enterococcus faecalis</i>	1736	99											87	88	99				94	100		97	27	28	
<i>Enterococcus faecium</i>	97	33											20	22	32				91			58	37	23	
<i>Staphylococcus aureus</i>	4461 ⁵										99		71	72	100	97	48	80	100	100	66	100	98	93	
- methicillin sensitive (MSSA)	2913									100			88	89		97	64	80	100	100	100	100		95	
- methicillin resistant (MRSA)	1575									99			38	38		97	17	80	100	100	0	100		94	
<i>Staphylococcus epidermidis</i>	100									95			75	75	100	100	18	59	100	100	35	100	81	71	
<i>Staphylococcus lugdunensis</i>	200									100			100	100	100	99	80	81	100	100	94	100	100	95	
<i>Streptococcus agalactiae</i> (Group B Strep)	75																	53							

Interpretive Notes:

1. Data includes outpatients served by ACM Global Laboratories, including Private Practices, Urgent Care Centers, Nursing Homes and Colleges/Universities.
2. Differences in the % susceptibility for an organism represented by <30 isolates may not be statistically significant from year to year.
3. Shaded squares are antibiotic/organism combinations that may not be recommended due to intrinsic resistance, have not been tested OR <30 isolates were tested.
4. [#] *Enterobacter cloacae* complex = *E. cloacae*/*E. asburiae* (not otherwise differentiated).
5. [^]Nitrofurantoin reported for urine isolates only.
6. ^{*}*P. mirabilis* and *M. morganii* isolates (6%) showed elevated MICs to Imipenem; however 100% of isolates were susceptible to Ertapenem.
7. X = A limitation in the testing system prevents reporting of *S. marcescens* and Imipenem and Piperacillin/Tazobactam.
8. Group B *Streptococcus* are limited to those isolates derived from screening for vaginal/rectal colonization.
9. [^] For *Staphylococci*, Oxacillin susceptibility predicts for β-lactam combination agents, oral and parenteral cepheims (including cefazolin) and carbapenems (CLSI, M100-S28).
10. ⁵ The total number of *S. aureus* isolates is less than the combined MSSA/MRSA isolate numbers since only 1 *S. aureus* isolate per patient per year is included in the data.

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