

TABLE 1 PERCENTAGE OF GRAM NEGATIVE BACILLI SUSCEPTIBLE TO VARIOUS ANTIMICROBIAL AGENTS⁵ - Organisms (No. Strains Tested)

COMPUNET CLINICAL LABORATORIES January-December, 2012 Numbers are Percent Susceptible	Acinetobacter baumannii (107)	Acinetobacter Iwoffii (102)	Achromobacter xylosoxidans (53)	Aeromonas hydrophila (23)	Citrobacter amalonaticus (54)	Citrobacter freundii (565)	Citrobacter koseri (310)	Enterobacter aerogenes (443)	Enterobacter agglomerans (36)	Enterobacter cloacae (728)	Escherichia coli (16292)	Escherichia fergusonii (32)	Klebsiella oxytoca (545)	Klebsiella pneumoniae (3492)	Kluyvera ascorbata (20)	Morganella morganii (200)	Proteus mirabilis(1597)	Proteus vulgaris (47)	Providencia rettgeri (63)	Providencia stuartii (61)	Pseudomonas aeruginosa (1589)	Pseudomonas fluorescens (73)	Pseudomonas stutzeri (21)	Salmonella sp.(36)	Shigella (23)	Serratia marcescens (334)	Stenotrophomonas maltophilia (185)	Weeksiella virosa (23)	Daily Relative Cost		
AMINOGLYCOSIDES																															
Amikacin	76	100	13		98	100	100	99	97	99	99	100	100	99		100	99	100	100	100	96	100					100				\$\$\$
Gentamicin	67	100	4		91	96	98	100	100	96	91	100	97	97		85	79	100	95	59	86	99					97				\$
Tobramycin	77	100	6		91	96	99	99	100	95	92	100	97	95		94	83	100	97	39	94	99					92				\$
PENICILLINS																															
Ampicillin ^b											56	59	5	3		3	86									94	48				\$\$\$
Ampicillin/Sulbactam (Unasyn)					41	76	95				60	69	66	83		7	94														\$
Piperacillin/Tazobactam (Zosyn)			92		96	95	99	93	97	87	98	100	94	97		96	99	100	100	98	96	97					89				\$\$\$
CEPHALOSPORINS																															
Oral first generation cephalosporins ^g					9	1	94				53	58	51	87		0	91	0	21	10							0				
Cefazolin (Ancef)					30	6	95	8	81	5	90	97	47	92		3	94	0	46	16							0				\$
Cefuroxime (Kefurox)					37	81	91	76	83	40	94	97	88	91		7	98	9	90	52						2				\$	
Ceftazidime (Fortaz)	57	90	49		94	89	99	90	100	83	97	100	98	96		82	99	100	97	93	93	93					92				\$\$
Ceftriaxone (Rocephin)	34	95	6		77	89	98	91	100	80	97	100	96	95		96	99	78	100	100				100			95				\$
Cefotaxime (Claforan)	30	92	0		89	90	99	90	100	81	97	100	99	95		89	99	93	98	95							93				\$\$
Cefepime (Maxipime)	54	94	16		98	99	99	99	97	96	98	100	99	96		100	99	100	100	100	96	96					99				\$\$
OTHERS																															
Aztreonam (Azactam)			2		81	90	97	93	97	81	97	100	95	95		94	99	94	98	100	74	30					97				\$\$\$
Meropenem/Imipenem			89		100	100	100	100	97	99	99	100	99	99		100	99	100	100	100	89	99					99				\$\$\$\$
Ciprofloxacin (Cipro)	56	95	22		81	92	97	96	94	90	77	91	97	93		72	69	98	83	20	75	89		100	96	84					\$
Levofloxacin ^f (Levo)	59	96	82		83	96	97	99	97	94	78	91	98	97		83	74	100	84	24	73	88					95				\$
Tetracycline	58	99	25		74	79	97	87	94	84	77	81	92	84		2	0	0	19	0							12				\$
Trimeth/Sulfa (Bactrim, Septra)	55	97	87		72	83	96	98	97	86	76	75	94	88		68	71	100	78	66				100	57	91	98				\$
Nitrofurantoin (Macrochantin)					55	93	88	24		27	97	100	94	54		0	0	0	0	0							1				\$

A lack of data indicates that the organism is intrinsically resistant to the antibiotic, or that insufficient data (<20 isolates) exists.

TABLE 2 PERCENTAGE OF GRAM POSITIVE COCCI
SUSCEPTIBLE TO VARIOUS ANTIMICROBIAL AGENTS ^a

COMPUNET CLINICAL LABORATORIES January-December, 2012 Numbers are Percent Susceptible	Enterococcus faecalis (4574)	Enterococcus faecium (554)	Staphylococcus aureus (6418)	Staphylococcus - coagulase negative (1376)	Gp. B streptococci (31)	Streptococcus pneumoniae (167)	Daily Relative Cost
							\$ = <\$20 \$\$ = \$20-50 \$\$\$ = \$50-100 \$\$\$\$ = \$100-150 \$\$\$\$\$ = >\$150
BETA-LACTAMS							
Ampicillin ^b	99	17					\$\$\$
Penicillin					100	64	\$
Oxacillin ^c			47	44			\$\$\$
Cefazolin (Ancef)			47	44			\$
Ceftriaxone (Rocephin)						88	\$
OTHER ANTIBIOTICS							
Gentamicin			98	84			\$
Clindamycin (Cleocin)			82	69			\$
Erythromycin			31	34		47	\$\$\$
Linezolid (Zyvox)	99	98	99	99			\$\$\$\$\$
Rifampin			99	99			\$\$
Synercid	0	85	99	99			\$\$\$\$\$
Tetracycline			92	80		77	\$
Trimeth/Sulfa (Bactrim, Septra)			98	62		71	\$
Daptomycin			99	100			\$\$\$\$\$
Vancomycin	99	36	99	100		100	\$\$
Moxifloxacin			62	55			\$\$
Ciprofloxacin (Cipro)	64 ^d	10 ^d	61	56			\$
Levofloxacin	69 ^d	12 ^d	62	41		99	\$
UTI							
Nitrofurantoin (Macrochantin)	99	59	99	99			\$