

Organism (% susceptible)	Maximum # of isolates tested		Amikacin		Ampicillin		Amp/Sulbact		Aztreonam		Cefazolin		Cefepime		Cefotetan		Cefazidime		Ceftiozone		Ciprofloxacin		Doxycycline		Ertapenem		Gentamicin		Imipenem		Levofloxacin		Meropenem		Minocycline		Moxifloxacin		Nitrofurantoin ^b		Pip/tazo		Ticar/clav		Tobramycin		Trimeth/sulfa	
	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U		
<i>Acinetobacter</i> spp. ^f	87		77			33				60				60				44				0		62		72		47		60		79				49		41		69								
<i>Citrobacter freundii</i> complex ^a	36	44			0	0	75	68	86	84	0	0	100	100			86	81	86	82	94	86	69	74	100	95	92	82			97	86	100	100			72	60	93	86	92	89			86	64		
<i>Enterobacter aerogenes</i> ^a	56	56			0	0	40	34	82	73	0	0	100	100	71	50	79	70	77	68	95	95	70	94	96	93	98	100			95	95	100	100			93	81	72	77	82	75			93	98		
<i>Enterobacter cloacae</i> ^a	174	122			0	0	38	34	83	80	0	0	97	98	72	70	78	79	75	74	92	93	74	83	94	83	94	93			95	93	100	99			76	79	80	73	89	86			89	84		
<i>Escherichia coli</i>	1234	1307			48	49	60	59	95	93	70	70	99	97	99	98	95	93	91	90	69	67	69	83	99	100	86	89			69	67	100	100			68	68	97	96	97	99			63	64		
<i>Haemophilus influenzae</i> ^e		94				78												100												100														73				
<i>Klebsiella oxytoca</i>	78	115			0	0	62	53	99	89	43	20	100	98	99	100	100	96	96	86	91	80	97	84	99	100	97	95			95	89	100	100			78	75	100	97	99	90			90	75		
<i>Klebsiella pneumoniae</i>	381	372			0	0	80	82	95	95	83	83	97	97	97	99	94	96	92	94	81	75	77	70	98	98	94	91			85	80	98	100			77	69	82	79	96	96			79	79		
<i>Morganella morganii</i> ^a	42	28			0	0	38	29	98	82	0	0	100	96	98	82	90	75	90	86	71	64	0	0	83	68	67	79			76	71	100	100			35	47	0	0	100	82			55	61		
<i>Proteus mirabilis</i>	218	123			60	74	94	92	100	99	15	20	100	98	99	99	99	99	97	98	48	74	0	0	98	93	78	89			57	81	100	98			46	69	0	0	100	98			54	69		
<i>Pseudomonas aeruginosa</i> (non-CF) ^a	320	308	98	99									90	90			85	90			66	70					92	94	79	88	66	68	83	89					76	83	42	43	93	94				
<i>Pseudomonas aeruginosa</i> (CF) ^{a,d}		697		55				58						51													47	53	37	67	67	17					65	44			74	51						
<i>Serratia marcescens</i> ^a	87	70			0	0	11	13	99	90	0	0	100	91	99	89	100	91	98	87	98	90	54	44	99	88	99	99			98	93	100	89			75	72	0	0	99	89			96	97		
<i>Stenotrophomonas maltophilia</i> (non-CF)	57	53																											0	0	74	83			100	100	g	g			58	72			98			
<i>Stenotrophomonas maltophilia</i> (CF) ^c		67		20				8						20																	36	5			95				14	45			9	78				

Blank cells = insufficient data or drug was not tested; H = HMC; U = UWMC.

^a *Citrobacter freundii*, *Enterobacter* spp., *Hafnia alvei*, *Morganella* spp., *Providencia* spp., *P. aeruginosa* and *Serratia* spp. have an inducible beta-lactamase. Resistance to penicillins and 3rd generation cephalosporins may arise on therapy.

^b Indicated in urinary tract infections only.

^c Chloramphenicol was tested at UWMC with 48% of CF *S. maltophilia* isolates susceptible.

^d Colistin was tested at UWMC with 95% of CF *P. aeruginosa* isolates susceptible.

^e 17% (n=199) of *H. influenzae* at HMC were beta-lactamase positive; 20% (n=88) at UWMC were beta-lactamase positive. At UWMC 100% of isolates were susceptible to amoxicillin-clavulanate, 99% susceptible to cefuroxime,

100% susceptible to azithromycin, and 96% susceptible to chloramphenicol.

^f An insufficient number of isolates were recovered at UWMC in 2011 to be statistically significant. Data collected in 2010 may be found on the Healthlinks website at

<http://hsl.uw.edu/files/antibiograms/uw-som-2010-antibiogram>

^g Studies indicate that moxifloxacin has superior *in vitro* activity against *S. maltophilia* when compared to levofloxacin. No CLSI breakpoints are available, however EUCAST breakpoints for Enterobacteriaceae are <= 0.50 ug/mL susceptible and >= 2.0 ug/mL resistant.

Using these breakpoints, 70% of isolates at HMC and 81% at UWMC were moxifloxacin susceptible.

Due to a change in testing methodology at both HMC and UWMC, data for this antibiogram were compiled from organisms isolated April 2011 through December 2011.