



**SUSCEPTIBILITY  
PATTERNS OF  
— ALL INPATIENT —  
COMMON ISOLATES  
(including critical care units)**

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University of Toledo Medical Center

**Jan 2013 – December 2013**

**% SUSCEPTIBILITY OF COMMON GRAM NEGATIVE ISOLATES**  
**ALL INPATIENT ISOLATES** (including critical care)

Jan 2013 – December 2013

ORGANISM	Total # tested	Aztreonam	Amikacin	Gentamicin	Trobramycin	Ampicillin	Ampicillin / Sulbactam	Piperacillin / Tazobactam	Meropenem	Cefazolin	Cefepime	Ceftriaxone	Ciprofloxacin	TMP/SMX	◇ ESBL positive
<i>Acinetobacter baumannii</i>	28*		91	65	76		92		84		55		49		
<i>Enterobacter cloacae</i>	83	94	100	93	95				98		89	84	93	90	
<i>Enterobacter aerogenes</i>	26*	86	100	96	96				100		100	86	96	100	
<i>Escherichia coli</i>	730	91	100	90	91	45	55	95	100	91	95	94	72	75	4
<i>Klebsiella pneumoniae</i>	217	90	99	95	86		83	95	98	90	92	91	91	92	7
<i>Proteus mirabilis</i>	184	96	100	63	66	73	78	100	100	81	93	90	44	54	
<i>Pseudomonas aeruginosa</i>	189		99	91	94			90	91		91		82		

◇ ESBL = extended spectrum beta-lactamase

\* – number is lower than CLSI recommended number of isolates to be reported (30); to be interpreted with caution

**% SUSCEPTIBILITY OF COMMON GRAM POSITIVE ISOLATES**  
**ALL INPATIENT ISOLATES** (including critical care)

Jan 2013 – December 2013

ORGANISM	Total # tested	Ampicillin	Penicillin	Ceftriaxone	Clindamycin	Gentamicin	Linezolid	Oxacillin	Rifampicin	Tetracycline	TMP/SMX	Vancomycin
<i>Staphylococcus aureus</i> (MSSA and MRSA)	558		4		64	98	100	47	100	92	96	100
MRSA	296				59	97	100		100	92	92	100
Coagulase-negative Staphylococcus	205		1		52	78	100	31	97	77	45	100
<i>Enterococcus faecalis</i>	267	100	100				100			23		97
<i>Enterococcus faecium</i>	64	17	8				98			10		37
<i>Streptococcus pneumoniae</i>	15*		65	100			100			80		100

\* number is lower than CLSI recommended number of isolates to be reported; to be interpreted with caution

\*\* gentamicin and rifampicin should never be used by themselves for treatment of Gram positive organisms



**SUSCEPTIBILITY  
PATTERNS OF  
COMMON ISOLATES**  
— **Critical Care** —

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University of Toledo Medical Center

**January 2013 – December 2013**

## % SUSCEPTIBILITY OF COMMON GRAM NEGATIVE ISOLATES

### Critical care (MICU + SICU)

January 2013 – December 2013

ORGANISM	Total # tested	Aztreonam	Amikacin	Gentamicin	Trobramycin	Ampicillin	Ampicillin / Sulbactam	Piperacillin / Tazobactam	Meropenem	Cefazolin	Cefepime	Ceftriaxone	Ciprofloxacin	TMP/SMX	◇ ESBL positive
<i>Acinetobacter baumannii</i>	10*		78	50	60		70		44		40		30		
<i>Enterobacter cloacae</i>	20*	75	100	85	85				95		95	80	85	80	
<i>Enterobacter aerogenes</i>	7*	71	100	86	86				100		100	71	100	100	
<i>Escherichia coli</i>	96	86	100	83	84	35	45	88	100	78	88	85	55	63	14
<i>Klebsiella pneumoniae</i>	52	75	98	90	83		71	81	94	71	77	75	77	75	23
<i>Proteus mirabilis</i>	34	94	100	56	71	74	76	100	100	85	94	94	35	32	
<i>Pseudomonas aeruginosa</i>	62		100	90	90			85	85		82		75		

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(n) = number of isolates tested was smaller than total number

**% SUSCEPTIBILITY OF COMMON GRAM POSITIVE ISOLATES**  
**Critical Care (MICU + SICU)**

January 2013 – December 2013

ORGANISM	Total # tested	Ampicillin	Penicillin	Ceftriaxone	Clindamycin	Gentamicin	Linezolid	Oxacillin	Rifampicin	Tetracycline	TMP/SMX	Vancomycin
<i>Staphylococcus aureus</i> (MSSA and MRSA)	111				52	96	100	41	100	93	88	100
MRSA	65				38	94	100		100	91	81	100
Coagulase-negative Staphylococcus	39				28	62	100	26	92	87	36	100
<i>Enterococcus faecalis</i>	45	100	100				100			16		96
<i>Enterococcus faecium</i>	30	10	7				96			10		21
<i>Streptococcus pneumoniae</i>	8*		88	100			100			88		100

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**SUSCEPTIBILITY  
PATTERNS OF  
COMMON ISOLATES**  
— **Urinary isolates only** —

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University of Toledo Medical Center

**January 2013 – December 2013**

**% SUSCEPTIBILITY OF COMMON GRAM NEGATIVE ISOLATES**  
**URINARY ISOLATES ONLY**

January 2013 – December 2013

ORGANISM	Total # tested	Aztreonam	Amikacin	Gentamicin	Trobramycin	Ampicillin	Ampicillin / Sulbactam	Piperacillin / Tazobactam	Meropenem	Cefazolin	Cefepime	Ceftriaxone	Ciprofloxacin	TMP/SMX	◇ ESBL positive
<i>Acinetobacter baumannii</i>	9*		88	66	78		89		88		56		45		
<i>Enterobacter cloacae</i>	33	88	100	97	100				100		88	82	88	100	
<i>Enterobacter aerogenes</i>	13*	78	100	100	100				100		100	78	100	100	
<i>Escherichia coli</i>	571	94	100	91	94	44	57	95	100	91	95	94	72	77	4
<i>Klebsiella pneumoniae</i>	148	90	99	94	91		83	94	99	89	93	90	93	86	8
<i>Proteus mirabilis</i>	105	88	100	68	82	83	86	100	100	88	91	91	87	69	
<i>Pseudomonas aeruginosa</i>	62		96	90	95			86	93		91		83		

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 (n) = number of isolates tested was smaller than total number