

Percentage of susceptible bacteria, 32 Hospitals , Jan - Dec 2003

| Organism | BETA - LACTAM | | | | | | | | | | | | | | QUINOLONE | | | AMINOGLYCOSIDE | | GLYCOPEPTIDE | | MISCELLANEOUS | | | | | | | | | | |
|------------------------------------------------------|----------------|--------------------------|---------------------------------|-------------|----------------|-------------------|-------------------|----------------|----------------|----------------|----------------------------|-----------------|-----------|---------------|-----------------------------|----------------|---------------|----------------|----------------|--------------|-------------------|---------------|-------------|------------|-----------------|----------------|----------------|--------------|---------------|----------------|--------------|--|
| | AMPICILLIN | AMPICILLIN/ SULBACTAM | AMOXICILLIN/ CLAVULANIC ACID | AZTREONAM | CEPHALOTHIN | CEFUROXIME AXETIL | CEFUROXIME SODIUM | CEFOTAXIME | CEFTRIAZONE | CEFTAZIDIME | CEFOPERAZONE/ SULBACTAM | IMPENEM | OXACILLIN | PENICILLIN | PIPERACILLIN/ TAZOBACTAM | CIPROFLOXACIN | NORFLOXACIN | OFLOXACIN | AMIKACIN | GENTAMICIN | GENTAMICIN 120 µg | NETILMICIN | TEICoplanin | VANCOMYCIN | CHLORAMPHENICOL | CLINDAMYCIN | CO-TRIMOXAZOLE | ERYTHROMYCIN | FOSFOMYCIN | NITROFURANTOIN | TETRACYCLINE | |
| <i>Acinetobacter calcoaceticus-baumannii</i> complex | | | | 1 (361) | | | | | 33 (11,917) | 69 (9,017) | 65 (10,670) | | | 34 (2,491) | 34 (10,296) | 26 (899) | | 38 (13,048) | 34 (13,060) | | 60 (6,920) | | | | | | 29 (10,682) | | | | | |
| <i>Acinetobacter</i> sp. | | | | 25 (16) | | | | | 53 (3,330) | 77 (2,694) | 70 (2,777) | | | 42 (822) | 52 (2,449) | 46 (434) | | 53 (3,571) | 46 (3,718) | | 67 (1,678) | | | | | | 43 (3,065) | | | | | |
| <i>Citrobacter freundii</i> | 14 (679) | 37 (121) | 22 (550) | 80 (10) | 9 (298) | 16 (56) | 70 (367) | 72 (530) | 70 (333) | 75 (628) | | 100 (497) | | | | 49 (212) | 72 (54) | 88 (699) | 75 (698) | | | | | | | 66 (671) | | | | 79 (29) | | |
| <i>Enterobacter aerogenes</i> | 5 (717) | 26 (105) | 13 (534) | 50 (8) | 12 (384) | 22 (68) | 61 (371) | 71 (508) | 66 (348) | 77 (568) | | 98 (423) | | | | 67 (109) | 88 (66) | 90 (718) | 82 (737) | | | | | | | 76 (713) | | | 29 (24) | | | |
| <i>Enterobacter cloacae</i> | 3 (4,718) | 14 (803) | 8 (3,198) | 56 (135) | 3 (1,930) | 12 (477) | 56 (2,022) | 55 (3,361) | 61 (2,367) | 59 (4,079) | | 99 (3,426) | | | | 38 (1,327) | 75 (462) | 75 (4,751) | 65 (4,922) | | | | | | | 59 (4,638) | | | 23 (175) | | | |
| <i>Enterobacter</i> sp. | 3 (2,270) | 21 (215) | 8 (1,981) | 63 (8) | 7 (909) | 16 (122) | 44 (753) | 46 (1,601) | 52 (1,427) | 53 (2,196) | | 98 (1,573) | | | | 53 (478) | 77 (35) | 76 (2,363) | 69 (2,460) | | | | | | | 53 (2,437) | | | 26 (53) | | | |
| <i>Escherichia coli</i> (all isolates) | 21 (27,666) | 42 (5,069) | 63 (21,160) | 62 (486) | 31 (12,583) | 40 (2,799) | 72 (11,721) | 76 (19,175) | 75 (15,973) | 83 (23,756) | | 100 (17,739) | | | | 56 (14,075) | 61 (2,110) | 94 (26,881) | 71 (28,707) | | | | | | | 37 (27,446) | | | 86 (2,133) | | | |
| (Urine) | 19 (10,697) | 43 (2,182) | 62 (7,806) | 80 (79) | 32 (4,169) | 45 (1,464) | 74 (3,700) | 78 (7,142) | 78 (6,894) | 84 (8,719) | | 100 (6,264) | | | | 57 (10,293) | 60 (888) | 94 (10,232) | 71 (11,271) | | | | | | | 35 (10,660) | | | 86 (1,612) | | | |
| (Urine-ICU) | 20 (66) | - | 55 (60) | - | 33 (3) | 33 (12) | 53 (38) | 61 (33) | 58 (52) | 65 (48) | | 97 (30) | | | | 59 (63) | - | 83 (64) | 58 (67) | | | | | | | 32 (66) | | | 96 (25) | | | |
| (Urine-inpatient) | 18 (3,969) | 39 (119) | 67 (3,074) | - | 25 (844) | 61 (457) | 75 (1,753) | 79 (2,466) | 80 (2,516) | 85 (3,320) | | 100 (2,018) | | | | 59 (4,083) | 100 (1) | 93 (3,753) | 73 (4,352) | | | | | | | 35 (4,295) | | | 84 (430) | | | |
| (Urine-outpatient) | 20 (873) | 41 (22) | 67 (645) | - | 28 (313) | 50 (20) | 82 (215) | 86 (511) | 85 (566) | 90 (707) | | 100 (331) | | | | 58 (881) | - | 95 (750) | 75 (921) | | | | | | | 34 (914) | | | 84 (87) | | | |
| <i>Haemophilus influenzae</i> (all isolates) | 57 (1,431) | 98 (247) | 96 (1,146) | | | 95 (203) | 95 (414) | 96 (1,192) | 94 (496) | | | | | | | | | | | | | | | | 72 (1,287) | | 46 (1,306) | | | | | |
| (age 0-5 years old) | 59 (202) | 100 (39) | 99 (160) | | | 95 (37) | 99 (70) | 98 (149) | 96 (78) | | | | | | | | | | | | | | | | 79 (191) | | 42 (175) | | | | | |
| (age > 5 years old) | 57 (968) | 96 (115) | 96 (754) | | | 95 (153) | 94 (274) | 96 (821) | 93 (345) | | | | | | | | | | | | | | | | 70 (856) | | 47 (892) | | | | | |
| (Sterile sites) ** | 50 (129) | 100 (11) | 91 (95) | | | 100 (17) | 98 (40) | 94 (106) | 89 (46) | | | | | | | | | | | | | | | | 67 (121) | | 42 (118) | | | | | |
| (Non-sterile sites) *** | 57 (1,036) | 98 (200) | 97 (836) | | | 96 (147) | 95 (312) | 96 (865) | 94 (358) | | | | | | | | | | | | | | | | 71 (923) | | 47 (950) | | | | | |
| <i>Klebsiella oxytoca</i> | 4 (387) | 65 (68) | 76 (283) | 80 (5) | 59 (224) | 41 (44) | 82 (196) | 79 (294) | 74 (206) | 83 (355) | | 99 (239) | | | | 63 (95) | 79 (14) | 92 (422) | 81 (429) | | | | | | | 71 (402) | | | 25 (4) | | | |
| <i>Klebsiella pneumoniae</i> (all isolates) | 1 (17,949) | 53 (2,785) | 62 (14,264) | 54 (233) | 57 (7,448) | 41 (1,849) | 63 (7,748) | 65 (12,107) | 63 (11,350) | 67 (16,090) | | 100 (12,159) | | | | 59 (4,452) | 82 (1,821) | 84 (17,976) | 69 (18,888) | | | | | | | 58 (18,142) | | | 38 (590) | | | |
| (ICU) | 1 (700) | 68 (19) | 52 (633) | - | 71 (52) | 56 (93) | 51 (337) | 64 (331) | 53 (446) | 57 (571) | | 98 (413) | | | | 71 (165) | 100 (9) | 74 (696) | 56 (681) | | | | | | | 59 (645) | | | 17 (12) | | | |

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| | AMPICILLIN | AMPICILLIN/ SULBACTAM | AMOXICILLIN/ CLAVULANIC ACID | AZTREONAM | CEPHALOTHIN | CEFUROXIME AXETIL | CEFUROXIME SODIUM | CEFOTAXIME | CEFTRIAZONE | CEFTAZIDIME | CEFOPERAZONE/ SULBACTAM | IMPENEM | OXACILLIN | PENICILLIN | PIPERACILLIN/ TAZOBACTAM | CIPROFLOXACIN | NORFLOXACIN | OFLOXACIN | AMIKACIN | GENTAMICIN | GENTAMICIN 120 µg | NETILMICIN | TEICoplanin | VANCOMYCIN | CHLORAMPHENICOL | CLINDAMYCIN | CO-TRIMOXAZOLE | ERYTHROMYCIN | FOSFOMYCIN | NITROFURANTOIN | TETRACYCLINE |
| (inpatient) | 1 (7,527) | 64 (107) | 63 (6,476) | - | 55 (1,797) | 54 (648) | 66 (2,826) | 69 (3,859) | 66 (5,099) | 68 (6,699) | | 100 (4,673) | | | | 62 (2,275) | 93 (14) | 83 (7,404) | 71 (8,048) | | | | | | | | 58 (7,896) | | | 37 (179) | |
| (outpatient) | 1 (571) | 77 (17) | 79 (456) | - | 73 (212) | 75 (8) | 80 (204) | 85 (365) | 86 (336) | 88 (488) | | 100 (266) | | | | 69 (176) | 100 (1) | 96 (507) | 89 (579) | | | | | | | | 71 (598) | | | 20 (5) | |
| <i>Morganella morganii</i> | 4 (822) | 29 (214) | 8 (631) | 85 (13) | 5 (423) | 3 (99) | 21 (375) | 85 (586) | 91 (439) | 89 (717) | | 100 (615) | | | | 71 (238) | 68 (66) | 98 (828) | 76 (834) | | | | | | | | 55 (801) | | | 9 (32) | |
| <i>Proteus mirabilis</i> | 51 (4,202) | 85 (788) | 92 (3,240) | 97 (70) | 76 (2,000) | 76 (409) | 86 (1,899) | 93 (2,883) | 93 (2,333) | 95 (3,501) | | 100 (2,613) | | | | 78 (1,413) | 79 (277) | 98 (4,131) | 86 (4,376) | | | | | | | | 45 (4,147) | | | 2 (223) | |
| <i>Proteus vulgaris</i> | 14 (696) | 78 (94) | 70 (558) | 100 (3) | 20 (300) | 12 (81) | 36 (318) | 87 (525) | 91 (390) | 89 (664) | | 99 (439) | | | | 85 (191) | 96 (46) | 99 (737) | 88 (763) | | | | | | | | 52 (749) | | | 5 (19) | |
| <i>Providencia rettgeri</i> | 20 (266) | 44 (27) | 26 (202) | 100 (1) | 13 (174) | 57 (21) | 40 (181) | 66 (278) | 70 (239) | 71 (310) | | 99 (215) | | | | 67 (66) | 85 (13) | 91 (341) | 69 (351) | | | | | | | | 59 (342) | | | 0 (2) | |
| <i>Providencia stuartii</i> | 11 (239) | 14 (94) | 11 (143) | 100 (9) | 4 (103) | 21 (76) | 33 (88) | 64 (151) | 46 (129) | 53 (180) | | 98 (169) | | | | 72 (39) | 75 (8) | 93 (228) | 60 (245) | | | | | | | | 38 (213) | | | 17 (6) | |
| <i>Providencia sp.</i> | 16 (335) | 25 (56) | 12 (298) | - | 7 (228) | 0 (2) | 38 (238) | 59 (349) | 82 (226) | 59 (367) | | 99 (248) | | | | 76 (25) | 53 (19) | 93 (369) | 55 (379) | | | | | | | | 58 (368) | | | 0 (3) | |
| <i>Pseudomonas aeruginosa</i> | | | | 44 (390) | | | | | | 71 (19,446) | 72 (15,056) | 83 (16,736) | | 78 (4,839) | 76 (17,436) | 53 (1,434) | | 78 (20,405) | 67 (19,990) | | 86 (10,958) | | | | | | 3 (7,389) | | | 10 (73) | |
| <i>Salmonella</i> , Non - typhoidal | 69 (2,666) | | | | | | | 98 (848) | 98 (946) | | | | | | | 99 (2,164) | | | | | | | | | 84 (1,693) | | 69 (2,679) | | | | |
| <i>Salmonella Paratyphi A</i> | 87 (15) | | | | | | | 100 (12) | 100 (15) | | | | | | | 100 (2) | | | | | | | | | 100 (6) | | 94 (16) | | | | |
| <i>Salmonella Typhi</i> | 79 (48) | | | | | | | 100 (29) | 100 (28) | | | | | | | 95 (21) | | | | | | | | | 79 (19) | | 64 (47) | | | | |
| <i>Serratia marcescens</i> | 2 (466) | 2 (207) | 4 (321) | 100 (7) | 1 (232) | 0 (110) | 6 (226) | 57 (405) | 59 (249) | 63 (421) | | 99 (363) | | | | 77 (61) | 63 (62) | 86 (456) | 60 (467) | | | | | | | | 59 (435) | | | 0 (3) | |
| <i>Shigella boydii</i> | 55 (11) | | | | | | | | | | | | | | | 100 (9) | | | | | | | | | | | 55 (11) | | | | 0 (8) |
| <i>Shigella dysenteriae</i> | 57 (7) | | | | | | | | | | | | | | | 100 (5) | | | | | | | | | | | 71 (7) | | | | 25 (4) |
| <i>Shigella flexneri</i> | 42 (65) | | | | | | | | | | | | | | | 100 (66) | | | | | | | | | | | 15 (67) | | | | 2 (59) |
| <i>Shigella sonnei</i> | 91 (125) | | | | | | | | | | | | | | | 100 (128) | | | | | | | | | | | 6 (134) | | | | 24 (119) |
| <i>Vibrio parahaemolyticus</i> | | | | | | | | 98 (43) | 99 (108) | | | | | | | 100 (1,346) | 100 (38) | | 99 (151) | | | | | | | | 99 (1,384) | | | | 98 (1,359) |
| <i>Staphylococcus aureus</i> (all isolates) | | 65 (2,245) | 67 (7,426) | | | | | | | | | | 68 (17,091) | 5 (12,469) | | | | | | | | 97 (3,459) | 100 (15,071) | | | 80 (9,988) | 69 (16,248) | 62 (12,551) | 86 (7,766) | | |

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|---------------------------------------------------|---------------|--------------------------|---------------------------------|-----------|-------------|-------------------|-------------------|------------|-------------|-------------|----------------------------|-----------------|---------------|------------|-----------------------------|---------------|-------------|----------------|----------|------------|-------------------|------------|---------------|-----------------|-----------------|---------------|----------------|---------------|---------------|----------------|---------------|
| | AMPICILLIN | AMPICILLIN/ SULBACTAM | AMOXICILLIN/ CLAVULANIC ACID | AZTREONAM | CEPHALOTHIN | CEFUROXIME AXETIL | CEFUROXIME SODIUM | CEFOTAXIME | CEFTRIAZONE | CEFTAZIDIME | CEFOPERAZONE/ SULBACTAM | IMPENEM | OXACILLIN | PENICILLIN | PIPERACILLIN/ TAZOBACTAM | CIPROFLOXACIN | NORFLOXACIN | OFLOXACIN | AMIKACIN | GENTAMICIN | GENTAMICIN 120 µg | NETILMICIN | TEICoplanin | VANCOMYCIN | CHLORAMPHENICOL | CLINDAMYCIN | CO-TRIMOXAZOLE | ERYTHROMYCIN | FOSFOMYCIN | NITROFURANTOIN | TETRACYCLINE |
| (MRSA) | | 2 (790) | 4 (2,497) | | | | | | | | | 0 (5,420) | 0 (3,472) | | | | | | | | | | 98 (1,262) | 100 (4,858) | | 44 (2,958) | 12 (5,251) | 2 (3,938) | 66 (2,654) | | |
| (MSSA) | | 100 (1,428) | 99 (4,835) | | | | | | | | | 100 (11,643) | 6 (8,926) | | | | | | | | | | 97 (2,173) | 100 (10,076) | | 96 (6,995) | 97 (10,856) | 90 (8,493) | 97 (5,074) | | |
| (ICU) | | 100 (1) | 45 (479) | | | | | | | | | 47 (613) | 5 (374) | | | | | | | | | | 94 (89) | 100 (581) | | 62 (430) | 49 (596) | 38 (358) | 61 (233) | | |
| (inpatient) | | 100 (12) | 69 (3,469) | | | | | | | | | 69 (6,793) | 4 (5,583) | | | | | | | | | | 94 (1,332) | 100 (6,314) | | 80 (4,218) | 69 (6,573) | 60 (4,990) | 84 (3,304) | | |
| (outpatient) | | 100 (7) | 90 (309) | | | | | | | | | 89 (789) | 7 (704) | | | | | | | | | | 94 (78) | 100 (747) | | 92 (518) | 85 (735) | 76 (636) | 94 (433) | | |
| <i>Staphylococcus, coagulase negative</i> | | 85 (1,054) | 81 (4,229) | | | | | | | | | 42 (7,404) | 14 (6,665) | | | | | | | | | | 92 (2,256) | 100 (8,726) | | 71 (5,573) | 57 (8,281) | 51 (6,098) | 55 (3,342) | | |
| <i>Staphylococcus, coagulase negative (blood)</i> | | 85 (911) | 86 (2,432) | | | | | | | | | 46 (3,694) | 16 (3,213) | | | | | | | | | | 95 (1,482) | 100 (4,563) | | 73 (3,000) | 57 (4,442) | 52 (3,344) | 50 (1,790) | | |
| <i>Staphylococcus saprophyticus</i> | | 100 (10) | 92 (110) | | | | | | | | | 13 (278) | 21 (271) | | | | | | | | | | 85 (54) | 97 (301) | | 41 (255) | 76 (304) | 44 (129) | 29 (124) | | |
| <i>Streptococcus pneumoniae</i> (all isolates) | | | | | | | | | | | | | 55 (1,228) | | | | | | | | | | | 99 (1,436) | 81 (1,378) | | 41 (1,474) | 62 (1,646) | | | 35 (736) |
| (age 0-5 years old) | | | | | | | | | | | | | 37 (168) | | | | | | | | | | | 100 (212) | 77 (197) | | 29 (203) | 51 (232) | | | 34 (118) |
| (age > 5 years old) | | | | | | | | | | | | | 57 (901) | | | | | | | | | | | 99 (1,047) | 81 (1,012) | | 42 (1,072) | 65 (1,217) | | | 36 (516) |
| (Sterile sites) ** | | | | | | | | | | | | | 64 (274) | | | | | | | | | | | 100 (332) | 82 (302) | | 46 (341) | 74 (368) | | | 37 (164) |
| (Non-sterile sites) *** | | | | | | | | | | | | | 52 (735) | | | | | | | | | | | 99 (843) | 80 (806) | | 40 (858) | 60 (961) | | | 31 (433) |
| <i>Enterococcus faecalis</i> | | 85 (2,620) | | | | | | | | | | | 71 (1,417) | | | | | | | | | | 98 (767) | 98 (1,851) | 69 (1,113) | | | 11 (1,641) | | 90 (242) | 20 (1,273) |
| <i>Enterococcus faecium</i> | | 22 (1,018) | | | | | | | | | | | 17 (501) | | | | | | | | | | 99 (328) | 98 (853) | 73 (336) | | | 7 (588) | | 31 (227) | 9 (551) |
| <i>Enterococcus sp.</i> | | 63 (1,387) | | | | | | | | | | | 60 (505) | | | | | | | | | | 97 (381) | 93 (1,234) | 69 (840) | | | 18 (185) | | 0 (5) | 13 (830) |