

Percentage of susceptible Organisms Isolated From All Specimen, 6 hospitals (RMSc-2), Jan - Dec 2017

| Organism | | TOTAL ISOLATES | BETA - LACTAMS | | | | | | | | | | | | CARBAPENEMS | | | POLY MYXINS | | QUINOLONES | | | AMINOGLYCOSIDES | | | GLYCOPEPTIDES | | MISCELLANEOUS | | | | | | | | | | | | |
|--|--|----------------|-----------------|-----------------|----------------------------|-----------------------|---------------------------|-----------------|---------------|--------------------------------|--------------------------|-------------------------|-----------------|-----------------|---------------|-------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------|-----------------|----------------------------|-----------------|----------------|------------|-------------------|------------|------------|-------------------|---------------|---------------|-----------------|-----------------|-----------------|-----------------|----------------|
| | | | PENICILLIN | AMPICILLIN | AMPCILLIN/ CLAVULANIC ACID | AMPCILLIN/ SUB-LACTAM | PIPERACILLIN / TAZOBACTAM | CEFAZOLIN (A) | CEFAZOLIN (U) | CEFUROXIME SODIUM [parenteral] | CEFUROXIME SODIUM [oral] | CEFORPENONE / SULBACTAM | CEFOTAXIME | CEFTAZIDIME | CEFTRAXONE | CEREFERINE | OXAFLIN | CEFOXTIN | ERTAPEPEN | IMIPENEM | MEROPENEM | COLISTIN BY MIC | NALIDIXIC ACID | CIPROFLOXACIN | LEVOFLOXACIN | NORFLOXACIN | OFLOXACIN | AMIKACIN | GENTAMICIN | GENTAMICIN 120 µg | NETILMICIN | VANCOMYCIN | VANCOMYCIN BY MIC | TEICOPOLIN | FOSFOMYCIN | CLINDAMYCIN | ERYTHROMYCIN | NITROFURANTOIN | CHLORAMPHENICOL | CD-TRIMOXAZOLE |
| <i>Acinetobacter calcoaceticus-baumannii</i> complex | | 2,963 | - | - | 34.1 (1,845) | 21.5 (2,371) | - | - | - | 6.7 (360) | 22.3 (2,913) | 3.8 (707) | - | - | - | - | - | 26 (1,932) | 26.1 (2,914) | - | 0 | 22 (2,886) | 17.1 (672) | - | - | (2,923) 32.8 (2,896) | - | - | - | - | - | - | - | - | - | 36.7 (2,521) | - | - | | |
| <i>Acinetobacter</i> spp. | | 228 | - | - | - | 69.7 (195) | - | - | - | 28.4 (134) | 67.7 (226) | 29.6 (135) | - | - | - | - | - | 78.6 (56) | 62.8 (67) | - | 0 | 72.9 (210) | 93 (43) | - | - | 79.6 (221) | 72.2 (227) | - | - | - | - | - | - | - | - | 73.2 (220) | - | - | | |
| <i>Aeromonas hydrophila</i> | | 106 | - | - | - | - | - | - | 89.4 (85) | - | - | - | - | - | - | - | - | - | - | - | 94.4 (89) | - | - | - | 98.5 (67) | 98.9 (82) | - | - | - | - | - | - | - | - | 96.3 (54) | 74.4 (90) | 82.3 (62) | | | |
| <i>Burkholderia cepacia</i> complex | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| <i>Burkholderia mallei</i> | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| <i>Burkholderia pseudomallei</i> | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| <i>Citrobacter freundii</i> | | 83 | - | - | - | 82 (50) | - | - | - | 84.9 (53) | 67.9 (56) | 71.2 (66) | - | - | - | - | - | 87 (46) | 94 (67) | - | 0 | 78.8 (66) | - | - | - | 97 (67) | 81.6 (76) | - | - | - | - | - | - | - | - | - | - | 82.7 (75) | - | - |
| <i>Enterobacter aerogenes</i> | | 136 | - | - | - | 81.6 (98) | - | - | - | 85.9 (71) | 74.8 (115) | 66.7 (96) | 78.6 (42) | - | - | - | - | 85.1 (67) | 91.4 (195) | - | WT | 85.6 (118) | - | - | - | 95.3 (107) | 91.1 (135) | - | - | - | - | - | - | - | - | - | 76.6 (124) | - | - | |
| <i>Enterobacter cloacae</i> | | 623 | - | - | - | 83.9 (391) | - | - | - | 82.6 (384) | 66.6 (428) | 66.3 (212) | 72.6 (212) | - | - | - | - | 92.9 (282) | 97.4 (499) | - | WT | 78.3 (520) | - | 48.2 (85) | - | 95.8 (500) | 83.6 (579) | - | - | - | - | - | - | - | - | - | - | 75.1 (543) | - | - |
| <i>Enterobacter</i> spp. | | 118 | 15.2 (105) | - | 47.2 (89) | 78.1 (105) | - | 36.7 (98) | - | - | 77.4 (93) | 55.5 (110) | 60.7 (107) | - | - | - | - | 89.1 (92) | 89.8 (108) | - | WT | 57.1 (44) | - | 43.2 (112) | - | 96.3 (108) | 75.7 (115) | - | - | - | - | - | - | - | - | - | 52.3 (111) | - | - | |
| <i>Escherichia coli</i> (all isolates) | | 5,698 | 12.9 (4,929) | 61.7 (2,415) | 68 (2,325) | 93.4 (3,756) | - | - | - | - | 91.6 (3,405) | 58.8 (3,760) | 67.5 (4,503) | 64.7 (1,855) | - | - | - | 89.6 (798) | 95.7 (2,696) | 97.2 (4,531) | - | WT | 50.2 (4,169) | 60.8 (130) | 51.7 (414) | 99 (4,543) | 66.3 (5,308) | - | - | - | - | - | - | - | - | - | 87.6 (97) | 39.6 (4,889) | - | |
| (Urine) | | 3,330 | 12.6 (2,877) | 61.3 (1,459) | 65.3 (1,359) | 92.9 (2,172) | - | 57.9 (2,516) | - | - | 91.4 (1,974) | 58.2 (2,147) | 66.8 (2,673) | 61.1 (1,733) | - | - | - | 89.8 (489) | 95.8 (1,539) | 97.3 (2,694) | - | WT | 42.7 (2,244) | 41.7 (60) | 43.9 (2,811) | 46.4 (291) | 89.1 (2,706) | 6.4 (3,115) | - | - | - | - | - | - | - | - | 98.1 (1,284) | - | 38.3 (2,867) | |
| (Urine-inpatient) | | 364 | 9.3 (280) | 54.9 (162) | - | 89.3 (242) | - | 44.3 (61) | - | - | 84.2 (76) | 48.5 (99) | 50.6 (77) | 50 (40) | - | - | - | 90.5 (74) | 88.6 (79) | - | WT | 42.4 (59) | 47.2 (36) | 50.8 (61) | - | 97.5 (79) | 61.8 (225) | - | - | - | - | - | - | - | - | 94.1 (34) | - | 44.3 (61) | | |
| (Urine-outpatient) | | 109 | 10.9 (92) | 43.3 (30) | 51 (51) | 94.4 (90) | - | 52.9 (51) | - | - | 91.4 (58) | 54.1 (61) | 68.9 (61) | - | - | - | - | 95 (60) | 95.1 (61) | - | WT | 19.7 (61) | - | 25 (52) | - | 98.4 (61) | 50.6 (83) | - | - | - | - | - | - | - | 100 (40) | - | 38.5 (52) | | | |
| <i>Haemophilus influenzae</i> (all isolates) | | 153 | 53.6 (153) | 92.6 (54) | 100 (66) | - | - | - | - | - | 99.2 (125) | - | - | - | - | - | - | 100 (67) | 100 (98) | - | - | 100 (86) | - | 100 (67) | - | - | - | - | - | - | - | - | - | - | 31.8 (110) | - | - | | | |
| (age 0-5 years old) | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| (age > 5 years old) | | 130 | 53.8 (130) | 93.2 (44) | 100 (59) | - | - | - | - | - | 99 (102) | - | - | - | - | - | - | 100 (60) | 100 (85) | - | - | 100 (70) | - | 100 (60) | - | - | - | - | - | - | - | - | - | 33 (94) | - | - | | | | |
| (CSF) | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| (Sterile sites) ^b | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| (Non-sterile sites) ^c | | 143 | 54.5 (143) | 94.2 (52) | 100 (62) | - | - | - | - | - | 99.2 (119) | - | - | - | - | - | - | 100 (63) | 100 (90) | - | - | 100 (80) | - | 100 (63) | - | - | - | - | - | - | - | - | - | 32.4 (105) | - | - | | | | |
| <i>Klebsiella oxytoca</i> | | 60 | 0 (49) | - | - | 85.7 (35) | - | 71.4 (42) | - | - | 86.2 (29) | 78.4 (37) | 78.7 (47) | - | - | - | - | 95.7 (47) | 97.7 (41) | - | WT | 78 (41) | - | - | - | 95.9 (49) | 90.6 (53) | - | - | - | - | - | - | - | - | 73.5 (49) | - | - | | |
| <i>Klebsiella pneumoniae</i> (all isolates) | | 3,031 | 64.6 (1,168) | 54.4 (1,426) | 71.5 (2,005) | - | 59.3 (2,409) | u | - | 72.2 (1,852) | 58.1 (2,091) | 60 (2487) | 68.6 (949) | - | 90.1 (342) | - | 83.7 (1,546) | 87.7 (2,479) | - | WT | 59.8 (2,331) | 69.9 (73) | 47.5 (699) | 76.5 (302) | 91.8 (2,497) | 79.2 (2,883) | - | - | - | - | - | - | - | - | - | 57.9 (2,679) | - | - | | |
| (ICU) | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| (inpatient) | | 371 | 58.2 (146) | 48.8 (41) | 74.4 (227) | - | 63 (100) | u | - | 60.6 (94) | 61.4 (140) | 42.7 (96) | 52.4 (42) | - | - | - | - | 81.6 (98) | 78 (100) | - | WT | 65.4 (133) | 60.6 (33) | u | - | 90.2 (102) | 78.8 (260) | - | - | - | - | - | - | - | - | 61 (100) | - | - | | |
| (outpatient) | | 37 | - | - | - | 87.9 (33) | - | u | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | |
| <i>Morganella morganii</i> | | 154 | - | - | 47.2 (36) | 69.9 (65) | - | - | - | 98.6 (70) | 90.9 (77) | 96 (100) | 97.2 (71) | - | 55.9 (34) | - | 89.7 (39) | 100 (108) | - | WT | 84.8 (46) | 84.8 (105) | 78.3 (46) | 99.1 (108) | 84.4 (135) | - | - | - | - | - | - | - | - | - | 71.7 (127) | - | - | | | |
| <i>Neisseria meningitidis</i> | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| <i>Proteus mirabilis</i> | | 685 | 51.3 (651) | 86 (214) | 84.3 (356) | 97.5 (435) | - | 80.3 (589) | u | - | 97.1 (456) | 86.7 (460) | 95.3 (553) | 89.3 (196) | - | 98 (101) | - | 93.8 (371) | 97.9 (560) | - | WT | 77.7 (529) | 76.7 (60) | 76.7 (562) | 100 (654) | 83 (654) | - | - | - | - | - | - | - | - | - | 53.5 (607) | - | - | | |
| <i>Proteus vulgaris</i> | | 87 | - | - | - | 90.9 (44) | 100 (59) | - | - | - | 96.6 (59) | 91.2 (68) | 89.3 (75) | 93.9 (33) | - | - | - | 93.5 (46) | 98.7 (78) | - | WT | 96.1 (76) | - | u | - | 100 (78) | 96.5 (85) | - | - | - | - | - | - | - | - | 75.3 (81) | - | - | | |
| <i>Providencia rettgeri</i> | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| <i>Providencia stuartii</i> | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| <i>Providencia spp.</i> | | 39 | 30.8 (39) | - | 39.4 (33) | 96.9 (32) | - | 43.6 (39) | u | - | 94.6 (37) | 88.6 (35) | 86.5 (37) | - | - | - | - | 84.8 (33) | 97.2 (36) | - | WT | 92.3 (39) | - | u | - | 100 (37) | 100 (39) | - | - | - | - | - | - | - | - | 84.6 (39) | - | - | | |
| <i>Pseudomonas aeruginosa</i> | | 2,189 | - | - | - | 77.8 (1,444) | - | - | - | - | 81.5 (2,048) | - | - | - | - | - | - | 78.7 (1,359) | 80.6 (1,924) | - | WT | 86.7 (1,992) | 89.3 (522) | 61.7 (230) | - | 92.5 (1,768) | 87.6 | | | | | | | | | | | | | |

^a: No CLSI Interpretive Criteria. Interpret according to cefoperazone/sulbactam in *Enterobacteriaceae*.

^b: Blood, Pleural Fluid

^c: Sputum, Ear, Sinus

^d L'assiette de l'impôt sur le revenu (1996) est de 1 200 000 francs.

^c MGL, *metabolic Glutathione*.

^b TMB-2, 10⁶ CFU/ml.

" : Urine Urine