| indicatorcategory\_level1 | indicatorcategory\_level2 | indicatorcategory\_level3 | n\_studies | sum\_resistant\_tot | sum\_susceptible\_tot | sum\_resistant\_value | sum\_susceptible\_value | median\_or | q25\_or | q75\_or |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Antibiotic exposure | Prior antibiotic exposure, specific choice | Beta-lactams | 22 | 3836 | 8485 | 1437.0 | 1362.0 | 3.685 | 2.4025 | 4.9425 |
|  | Prior antibiotic exposure, specific choice | Carbapenems | 55 | 9940 | 21247 | 3538.0 | 2344.0 | 5.700 | 3.8600 | 9.3200 |
|  | Prior antibiotic exposure, specific choice | Cephems | 42 | 11324 | 24630 | 2926.0 | 2792.0 | 3.370 | 2.3600 | 5.4400 |
|  | Prior antibiotic exposure, specific choice | Fluoroquinolones | 48 | 8044 | 18662 | 1748.0 | 1818.0 | 3.690 | 2.7500 | 7.3250 |
|  | Prior antibiotic exposure, specific choice | Glycopeptides/oxazolidinones | 27 | 4102 | 7642 | 957.0 | 574.0 | 5.995 | 3.5100 | 10.6750 |
|  | Prior antibiotic exposure, specific choice | Other classes | 8 | 883 | 1156 | 257.0 | 163.0 | 3.715 | 1.9025 | 8.1900 |
|  | Prior antibiotic exposure, specific choice | Tigecycline | 13 | 2353 | 5684 | 379.0 | 151.0 | 6.750 | 4.1500 | 9.6250 |
|  | Prior antibiotic exposure, non specific |  | 119 | 47452 | 108586 | 16398.0 | 22123.0 | 3.360 | 1.8725 | 5.5800 |
|  | Inappropriate empirical antibiotic treatment |  | 36 | 4536 | 9030 | 2163.0 | 963.0 | 11.535 | 4.4450 | 34.9725 |
|  | Prior corticosteroid use |  | 16 | 2078 | 5625 | 754.0 | 1201.0 | 2.195 | 1.6925 | 3.6200 |
|  | Appropriate empirical antibiotic choice |  | 11 | 2146 | 3038 | 1160.0 | 2433.0 | 0.100 | 0.0300 | 0.4300 |
|  | Prior antibiotic exposure, duration |  | 1 | 277 | 400 | 123.0 | 131.0 | 1.640 | 1.6400 | 1.6400 |
| Biomedical results | Low blood values |  | 26 | 3223 | 8971 | 1648.0 | 4651.0 | 2.970 | 1.8600 | 5.3200 |
| Clinical presentation | Clinical severity |  | 35 | 6634 | 11921 | 2745.0 | 2521.0 | 2.980 | 1.6500 | 5.3425 |
|  | Clinical presentation, other than infection site |  | 10 | 1282 | 2833 | 666.0 | 1222.0 | 2.450 | 1.1500 | 3.7250 |
|  | Preterm birth/low birth weight |  | 5 | 1041 | 1394 | 326.0 | 427.0 | 3.575 | 1.1000 | 5.4750 |
| Comorbidities | Comorbidities |  | 104 | 227947 | 550426 | 42798.0 | 68278.0 | 2.080 | 0.7900 | 3.6300 |
|  | NCDs |  | 30 | 6310 | 38850 | 1928.0 | 9341.0 | 2.320 | 1.5350 | 3.5900 |
|  | Comorbidity score, high (Charlson >2;Elixhauser>13) |  | 2 | 272 | 1277 | 71.0 | 439.0 | 1.760 | 1.3800 | 2.1400 |
| Demographics | Male sex |  | 36 | 64512 | 231896 | 37630.0 | 111222.0 | 1.705 | 1.3550 | 2.4400 |
|  | Older age (cutoffs >/= 60 years) |  | 9 | 47747 | 53132 | 9881.0 | 9751.0 | 1.540 | 0.7625 | 1.8050 |
|  | Young age (cutoffs </= 5 years) |  | 6 | 2157 | 4322 | 156.0 | 519.0 | 0.950 | 0.5100 | 0.9500 |
|  | Geography |  | 4 | 323791 | 423356 | 93284.0 | 124824.0 | 1.000 | 0.8300 | 1.3300 |
|  | Ethnicity |  | 3 | 977 | 4024 | 137.0 | 538.0 | 4.955 | 2.5275 | 6.0175 |
| Healthcare exposure | Prior hospitalisation |  | 90 | 204212 | 288911 | 62195.0 | 69617.0 | 2.740 | 1.4900 | 4.0450 |
|  | Prior ICU stay |  | 69 | 13896 | 56231 | 6459.0 | 16457.0 | 3.160 | 1.8350 | 7.8700 |
|  | Hospital-acquired |  | 41 | 8661 | 42568 | 4928.0 | 10296.0 | 3.000 | 2.0100 | 7.3900 |
|  | Community-acquired |  | 29 | 17240 | 59513 | 4627.0 | 26575.0 | 0.350 | 0.2225 | 0.6000 |
|  | Healthcare associated, other than hospital-acquired or non specified if hospital |  | 21 | 4601 | 35150 | 2765.0 | 10714.0 | 2.930 | 2.1600 | 6.5900 |
|  | Long-term care facility |  | 14 | 2688 | 5963 | 749.0 | 631.0 | 4.840 | 4.2950 | 6.2575 |
| Invasive procedures | Gastrointestinal/urinary tubes or drains |  | 72 | 17242 | 39802 | 7587.0 | 9319.0 | 3.370 | 2.1900 | 5.6000 |
|  | Airway/respiratory procedures |  | 55 | 15162 | 41750 | 4924.0 | 6515.0 | 4.210 | 2.0850 | 7.3475 |
|  | Surgery / Invasive procedure |  | 44 | 10207 | 18920 | 3045.0 | 3577.0 | 2.860 | 1.9350 | 5.0450 |
|  | Central venous access/dialysis |  | 31 | 49503 | 58092 | 7804.0 | 9296.0 | 4.030 | 2.2600 | 6.3000 |
|  | Internal device / implant |  | 27 | 9505 | 12956 | 4219.0 | 3157.0 | 2.970 | 2.3400 | 7.8000 |
|  | Transplant |  | 25 | 49142 | 56252 | 1469.0 | 1805.0 | 3.880 | 1.5400 | 7.7600 |
|  | Prior IV therapy |  | 10 | 932 | 2017 | 578.0 | 556.0 | 2.320 | 0.2800 | 3.6600 |
|  | Blood transfusion |  | 4 | 298 | 1167 | 141.0 | 350.0 | 2.235 | 2.1075 | 2.4475 |
| Other | Other |  | 98 | 75911 | 208677 | 17009.5 | 58762.2 | 2.620 | 0.5400 | 4.5900 |
| Patient outcomes | Patient outcomes, mortality |  | 76 | 17036 | 41130 | 5710.0 | 5796.0 | 3.250 | 2.1550 | 6.8500 |
|  | Patient outcomes, cure |  | 6 | 779 | 1803 | 498.0 | 1869.0 | 0.230 | 0.1725 | 0.4250 |
|  | Patient outcomes, complications |  | 4 | 435 | 1280 | 108.0 | 104.0 | 4.670 | 2.6000 | 5.0200 |
|  | Patient outcomes, treatment failure |  | 4 | 452 | 1306 | 295.0 | 552.0 | 3.200 | 2.2625 | 4.6000 |
|  | Patient outcomes, duration of hospitalisation or treatment |  | 2 | 350 | 11519 | 87.0 | 1199.0 | 1.870 | 1.3150 | 2.4250 |
| Primary/specific infection site | Respiratory tract/pulmonary |  | 37 | 49461 | 60301 | 15343.0 | 13420.0 | 3.570 | 2.3375 | 5.3000 |
|  | Primary/specific infection site |  | 25 | 5381 | 13851 | 1810.0 | 2129.0 | 5.270 | 2.9525 | 10.0975 |
|  | Mixed/unspecified site |  | 21 | 8669 | 91295 | 2157.0 | 24682.0 | 1.265 | 0.4600 | 2.4375 |
|  | Intra-abdominal/hepatobiliary |  | 20 | 4389 | 33837 | 1307.0 | 6717.0 | 1.750 | 0.6100 | 2.7850 |
|  | Urinary tract |  | 17 | 3360 | 6749 | 593.0 | 1176.0 | 1.000 | 0.3400 | 2.3800 |
|  | Skin/soft tissue |  | 8 | 45956 | 50271 | 8777.0 | 8103.0 | 2.005 | 1.6150 | 2.5575 |
|  | Bone/joint |  | 5 | 1309 | 1714 | 197.0 | 289.0 | 2.360 | 0.9100 | 2.9800 |
|  | Endocarditis |  | 3 | 44970 | 48038 | 4503.0 | 6584.0 | 0.700 | 0.5800 | 1.7900 |
|  | Mucosal barrier injury |  | 1 | 77 | 167 | 42.0 | 52.0 | 2.650 | 2.6500 | 2.6500 |
| Prior colonization or infection | Prior colonization or infection |  | 28 | 5880 | 38251 | 1276.0 | 3019.0 | 4.365 | 2.5950 | 10.6300 |