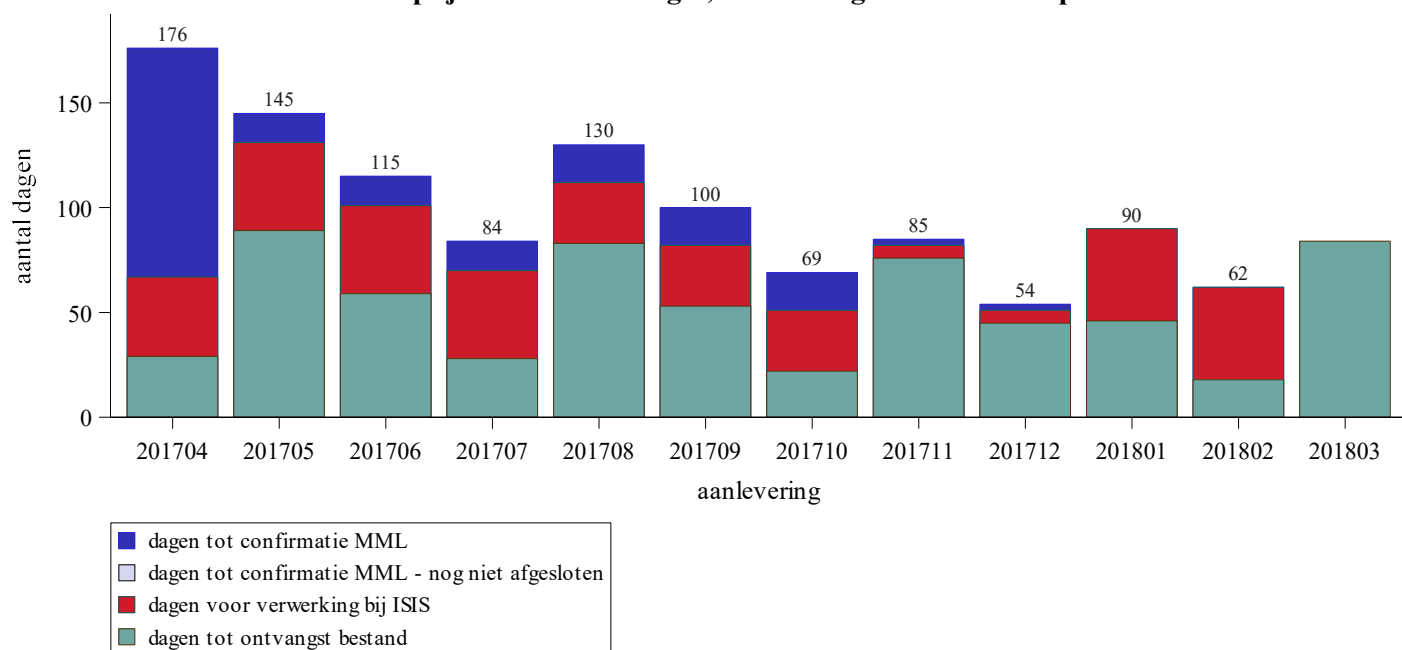


## Overzicht Aanlevering

|                                 |            |
|---------------------------------|------------|
| Laboratorium code               | ISIS005    |
| Maand - Jaar                    | Maart-2018 |
| Aanlever ID                     | 12133      |
| Datum ingelezen                 | 25/06/2018 |
| Aantal patiënten                | 1287       |
| Aantal isolaten                 | 2250       |
| Aantal isolaten ISIS organismen | 2095       |

### Doorlooptijden voor ontvangst, verzending en reactie lab per bestand



### Doorlooptijden laatste 12 maanden

| Periode | Ontvangen ISIS-AR | dgn | Rapport naar Lab | dgn | Reactie Lab | dgn |
|---------|-------------------|-----|------------------|-----|-------------|-----|
| 201704  | 29/05/2017        | 29  | 06/07/2017       | 38  | 23/10/2017  | 109 |
| 201705  | 28/08/2017        | 89  | 09/10/2017       | 42  | 23/10/2017  | 14  |
| 201706  | 28/08/2017        | 59  | 09/10/2017       | 42  | 23/10/2017  | 14  |
| 201707  | 28/08/2017        | 28  | 09/10/2017       | 42  | 23/10/2017  | 14  |
| 201708  | 22/11/2017        | 83  | 21/12/2017       | 29  | 08/01/2018  | 18  |
| 201709  | 22/11/2017        | 53  | 21/12/2017       | 29  | 08/01/2018  | 18  |
| 201710  | 22/11/2017        | 22  | 21/12/2017       | 29  | 08/01/2018  | 18  |
| 201803  | 23/06/2018        | 84  | .                | .   | .           | 0   |
| 201802  | 18/03/2018        | 18  | 01/05/2018       | 44  | 01/05/2018  | 0   |
| 201711  | 14/02/2018        | 76  | 20/02/2018       | 6   | 23/02/2018  | 3   |
| 201712  | 14/02/2018        | 45  | 20/02/2018       | 6   | 23/02/2018  | 3   |
| 201801  | 18/03/2018        | 46  | 01/05/2018       | 44  | 01/05/2018  | 0   |

### Enterobacteriaceae, carbapenemase screen-positief volgens de NVMM richtlijn

| Patiënt    | Organisme                   | Monster     | # | Imipenem |      |       |         | Meropenem |      |       |         | 3e gen cefalosporines | Carbapenemases |              |
|------------|-----------------------------|-------------|---|----------|------|-------|---------|-----------|------|-------|---------|-----------------------|----------------|--------------|
|            |                             |             |   | Auto     | Disk | etest | uitslag | Auto      | Disk | etest | Uitslag | Uitslag               | feno-typisch   | geno-typisch |
| 2222321454 | Klebsiella pneumoniae       | 17E148279-1 | 1 | 4        |      |       | I       | 4         |      |       | I       | R                     | Leeg           | leeg         |
| 5862445223 | Klebsiella pneumoniae       | 18E027657-1 | 2 | 2        |      | 1     | S       | 4         |      | 2     | S       | R                     | Leeg           | leeg         |
| 5552425379 | Enterobacter cloacae        | 18E028128-1 | 3 | 4        |      | 2     | S       | 2         |      | 1     | S       | R                     | Leeg           | leeg         |
| 5552425379 | Enterobacter cloacae        | 18E028363-1 | 1 | 2        |      |       | S       | 0.5       |      |       | S       | R                     | Leeg           | leeg         |
| 5552425379 | Enterobacter species n.n.g. | 18E028363-1 | 2 | 4        |      | 4     | I       | 2         |      | 1     | S       | R                     | Leeg           | leeg         |
| 8937087366 | Providencia species n.n.g.  | 18E028991-1 | 1 |          |      |       |         | 2         |      |       | S       | S                     | Leeg           | leeg         |
| 1158718200 | Klebsiella pneumoniae       | 18E036839-1 | 1 | 8        |      | 0.5   | S       | 8         | 0.5  |       | R       | R                     | Leeg           | leeg         |
| 4731759780 | Klebsiella oxytoca          | 18E036845-1 | 1 | 0.5      |      |       | S       | 2         |      |       | S       | S                     | Leeg           | leeg         |
| 5552425379 | Enterobacter cloacae        | 18E037628-1 | 1 | 2        |      |       | S       | 0.5       |      |       | S       | R                     | Leeg           | leeg         |

### Bijzonder resistente micro-organismen (BRMO) met indicatie tot ziekenhuishygiënische maatregelen

| Antibiotica-pathogeen combinaties   | #patienten | #Isolaten |
|---|------------|-----------|
| E.coli ESBL positief  | 29         | 36        |
| Klebsiella ssp. ESBL positief   | 7          | 18        |
| Overige Enterobacteriaceae ESBL positief  | 5          | 6         |
| E.coli quinolonen en aminoglycosiden resistent  | 19         | 19        |
| Klebsiella spp. quinolonen en aminoglycosiden resistent   | 7          | 17        |
| Klebsiella spp. intermediair/resistent t.o.v. carbapenem  | 4          | 5         |
| Overige Enterobacteriaceae (excl. Proteus/Morganella/Serratia/Providencia) intermediair/resistent t.o.v. carbapenem   | 5          | 6         |
| Enterobacteriaceae (excl. E. coli/Klebsiella) quinolonen en aminoglycosiden resistent   | 8          | 10        |
| P. aeruginosa resistent t.o.v. quinolonen, ceftazidim, aminoglycosiden, carbapenems, piperacilline **Combinatie van resistentie voor antibiotica uit 3 van de aangeduide antibioticagroepen | 3          | 3         |
| MRSA  | 17         | 37        |
| S. pneumoniae penicilline I/R   | 3          | 3         |

### EUCAST: Exceptional phenotypes of Gram-Negative Bacteria

| Antibiotica-pathoegen combinaties  | #patienten | #isolaten |
|--|------------|-----------|
| 5.2a Pseudomonas aeruginosa Resistant to colistin                                  | 1          | 1         |
| H. influenzae cefotaxime/ceftriaxon R  | 1          | 1         |
| 5.3c Haemophilus influenzae Resistant to fluoroquinolones                          | 1          | 1         |
| 5.5a Neisseria meningitidis intermediair/resistent t.o.v. penicilline/amoxicilline | 3          | 3         |

### EUCAST: Exceptional phenotypes of Gram-Positive Bacteria

| Antibiotica-pathoegen combinaties  | #patienten | #isolaten |
|--|------------|-----------|
| 6.1e Staphylococcus aureus Resistant to tigecycline                          | 1          | 1         |
| 6.2c Coagulase-negative staphylococci Resistant to quinupristin/dalfopristin | 2          | 2         |
| 6.2e Coagulase-negative staphylococci Resistant to tigecycline               | 4          | 4         |
| Streptococcus pneumoniae resistant t.o.v. meropenem/imipenem                 | 1          | 1         |
| 6.5b Group A en B B-haemolytic streptococci Resistant to cephalosporins      | 85         | 87        |

### Bijzondere Resistentiepatronen

| Bijzondere resistenties              | #patienten | #isolaten |
|--------------------------------------|------------|-----------|
| C. albicans fluconazol intermediair  | 1          | 1         |
| E. faecalis/E. faecium vancomycine R | 44         | 44        |

## Totaal aantal patiënten en isolaten per pathogeen, isolaten onderverdeeld naar materiaal

| Organisme                                | #pat | #iso | Bloed | Urine | Respiratoir | Overige |
|--|------|------|-------|-------|-------------|---------|
| Candida species n.n.g.                   | 5    | 5    | 0     | 0     | 2           | 3       |
| Candida albicans                         | 116  | 149  | 0     | 9     | 106         | 34      |
| Candida species, ex. C. albicans         | 50   | 69   | 0     | 11    | 50          | 8       |
| Escherichia coli                         | 447  | 514  | 27    | 401   | 23          | 63      |
| Klebsiella pneumoniae                    | 87   | 124  | 11    | 84    | 15          | 14      |
| Klebsiella oxytoca                       | 25   | 33   | 0     | 16    | 10          | 7       |
| Enterobacter species n.n.g.              | 3    | 5    | 2     | 0     | 0           | 3       |
| Enterobacter cloacae complex             | 27   | 34   | 4     | 14    | 8           | 8       |
| Enterobacter aerogenes                   | 15   | 19   | 0     | 8     | 8           | 3       |
| Citrobacter freundii complex             | 14   | 17   | 3     | 9     | 3           | 2       |
| Citrobacter amalonaticus/farmeri         | 1    | 1    | 0     | 1     | 0           | 0       |
| Citrobacter koseri/diversus              | 17   | 19   | 2     | 12    | 0           | 5       |
| Serratia species n.n.g.                  | 1    | 1    | 0     | 0     | 1           | 0       |
| Serratia marcescens                      | 14   | 18   | 0     | 5     | 8           | 5       |
| Serratia liquefaciens                    | 2    | 2    | 0     | 1     | 1           | 0       |
| Morganella morganii                      | 12   | 14   | 0     | 10    | 0           | 4       |
| Pantoea species                          | 2    | 2    | 0     | 0     | 0           | 2       |
| Proteus species n.n.g.                   | 4    | 4    | 0     | 3     | 0           | 1       |
| Proteus mirabilis                        | 70   | 81   | 1     | 60    | 4           | 16      |
| Proteus vulgaris complex                 | 4    | 4    | 0     | 3     | 0           | 1       |
| Providencia species n.n.g.               | 1    | 1    | 0     | 0     | 0           | 1       |
| Providencia rettgeri                     | 2    | 2    | 0     | 2     | 0           | 0       |
| Bacteroides fragilis complex             | 8    | 11   | 4     | 0     | 0           | 7       |
| Acinetobacter calcoaceticus/baumannii    | 1    | 1    | 0     | 1     | 0           | 0       |
| Acinetobacter spp                        | 3    | 4    | 0     | 4     | 0           | 0       |
| Pseudomonas aeruginosa                   | 60   | 74   | 1     | 27    | 22          | 24      |
| Pseudomonas spp. non-aeruginosa          | 5    | 5    | 0     | 2     | 1           | 2       |
| Stenotrophomonas maltophilia             | 3    | 3    | 0     | 0     | 3           | 0       |
| Staphylococcus aureus                    | 189  | 305  | 30    | 27    | 83          | 165     |
| Staphylococcus epidermidis               | 27   | 39   | 8     | 2     | 0           | 29      |
| Staphylococcus lugdunensis               | 6    | 6    | 0     | 1     | 0           | 5       |
| Staphylococcus saprophyticus             | 2    | 2    | 0     | 2     | 0           | 0       |
| CNS nader geïdentificeerd                | 26   | 36   | 12    | 2     | 0           | 22      |
| Enterococcus faecalis                    | 71   | 90   | 0     | 51    | 0           | 39      |
| Enterococcus faecium                     | 28   | 86   | 4     | 13    | 0           | 69      |
| Streptococcus pneumoniae                 | 37   | 44   | 18    | 0     | 26          | 0       |
| Groep A $\beta$ -haemolytic streptococci | 15   | 16   | 0     | 3     | 1           | 12      |
| Groep B $\beta$ -haemolytic streptococci | 70   | 71   | 0     | 30    | 3           | 38      |
| Groep C $\beta$ -haemolytic streptococci | 22   | 41   | 2     | 3     | 1           | 35      |
| Streptococcus mitis/oralis               | 9    | 10   | 2     | 0     | 1           | 7       |
| Neisseria meningitidis                   | 4    | 4    | 1     | 0     | 2           | 1       |
| Campylobacter jejuni                     | 5    | 5    | 0     | 0     | 0           | 5       |
| Haemophilus influenzae                   | 87   | 100  | 2     | 0     | 91          | 7       |
| Mycobacterium tuberculosis               | 1    | 1    | 0     | 0     | 1           | 0       |

| <b>Organisme</b>      | <b>#pat</b> | <b>#iso</b> | <b>Bloed</b> | <b>Urine</b> | <b>Respiratoir</b> | <b>Overige</b> |
|-----------------------|-------------|-------------|--------------|--------------|--------------------|----------------|
| Moraxella catarrhalis | 6           | 6           | 0            | 0            | 6                  | 0              |
| Aspergillus           | 1           | 1           | 0            | 0            | 1                  | 0              |

### Totaal aantal patiënten en isolaten per materiaal

| Materiaal                                | RIVM Code | #Patiënten | #Isolaten |
|--|-----------|------------|-----------|
| Bloed                                    | 1         | 83         | 134       |
| Liquor                                   | 2         | 7          | 12        |
| Urine (niet gespecificeerd)              | 3         | 676        | 822       |
| Urine                                    | 3a        | 0          | 0         |
| Catheter urine                           | 3b        | 0          | 0         |
| Genitaal                                 | 4         | 64         | 82        |
| Respiratoir (niet gespecificeerd)        | 5         | 0          | 0         |
| Respiratoir (Lage Luchtwegen)            | 5a        | 215        | 421       |
| Respiratoir (Hoge Luchtwegen)            | 5b        | 53         | 65        |
| Faeces                                   | 6         | 44         | 59        |
| Wond/huid (niet gespecificeerd)          | 7         | 0          | 0         |
| Wond/ulcus                               | 7a        | 46         | 90        |
| Huid                                     | 7b        | 87         | 129       |
| Haar/nagel/huidschilder                  | 7c        | 2          | 4         |
| Pus (niet gespecificeerd)                | 8         | 0          | 0         |
| Pus                                      | 8a        | 5          | 11        |
| Ascites                                  | 8b        | 0          | 0         |
| Steriel weefsel of vocht                 | 8c        | 76         | 212       |
| C.A.P.D.-vloeistof                       | 8d        | 0          | 0         |
| Oog (niet gespecificeerd)                | 8e        | 3          | 3         |
| Oog steriel                              | 8f        | 0          | 0         |
| Oog niet steriel                         | 8g        | 0          | 0         |
| Vruchtwater                              | 8h        | 0          | 0         |
| Onbekende origine/overig                 | 9a        | 0          | 0         |
| Bloedproduct/plasma/serum                | 9b        | 0          | 0         |
| Catheter punt (vasc)                     | 9c        | 8          | 12        |
| Drain punt (chir)                        | 9d        | 0          | 0         |
| Drain punt (neurochir)                   | 9e        | 0          | 0         |
| Maaginhoud                               | 9f        | 0          | 0         |
| Urinewegcatheter                         | 9g        | 0          | 0         |
| Niet humaan implantatie-materiaal n.n.o. | 9h        | 0          | 0         |
| C.A.P.D.-catheter                        | 9i        | 0          | 0         |
| Niet klinisch                            | 9x        | 2          | 39        |
| Slijmvlies Maag / Darm                   | 10        | 0          | 0         |

### Totaal aantal patiënten en isolaten per type instelling

| Type Instelling          | #patiënten | #isolaten |
|--------------------------|------------|-----------|
| Huisarts                 | 412        | 461       |
| Dagbehandeling           | 24         | 35        |
| Kliniek                  | 350        | 819       |
| Spoedeisende Hulp        | 130        | 186       |
| Overige                  | 6          | 6         |
| Polikliniek              | 311        | 476       |
| Revalidatiecentrum       | 8          | 11        |
| Verpleeg/verzorgingshuis | 7          | 8         |
| Verpleeghuis             | 51         | 93        |

### Aantal patiënten en isolaten per afdeling in kliniek of dagbehandeling

| Afdeling                                | #Patiënten | #isolaten |
|---|------------|-----------|
| Algemene Afdeling                       | 151        | 282       |
| Cardiologie                             | 7          | 8         |
| Chirurgie                               | 26         | 65        |
| Gastroenterologie                       | 9          | 17        |
| ICU niet gespecificeerd                 | 79         | 272       |
| Interne Geneeskunde niet gespecificeerd | 2          | 6         |
| Kindergeneeskunde                       | 7          | 8         |
| Niet aangeleverd                        | 3          | 3         |
| Oncologie                               | 11         | 14        |
| Urologie                                | 13         | 21        |
| Verloskunde/Obstetrie                   | 11         | 19        |
| Verpleegafdeling                        | 83         | 139       |

### Overzicht van het aantal screenings-, inventarisatie- en klinische isolaten

|  | #pat | #Iso | Klinisch | Invent. klinisch | Inventarisatie | Screening | Onbekend |
|--|------|------|----------|------------------|----------------|-----------|----------|
| MRSA   | 17   | 37   | 33       | 0                | 0              | 4         | 0        |
| Enterobacteriaceae met ESBL                  | 40   | 60   | 53       | 0                | 0              | 7         | 0        |
| Aminoglycoside resistente enterobacteriaceae | 48   | 70   | 66       | 0                | 0              | 4         | 0        |
| Penicilline resistente pneumokokken          | 0    | 0    | 0        | 0                | 0              | 0         | 0        |
| Groep a $\beta$ -haemolytische streptokokken | 15   | 16   | 16       | 0                | 0              | 0         | 0        |

**E. coli gevoeliheidsbepalingen**

| Antibioticum               | #patienten | #Isolaten | % S  | % I | % R  |
|----------------------------|------------|-----------|------|-----|------|
| amoxicilline               | 447        | 513       | 55%  | 0%  | 45%  |
| ampicilline                | 447        | 513       | 55%  | 0%  | 45%  |
| piperacilline              | 447        | 513       | 56%  | 1%  | 43%  |
| amoxicilline/clavulaanzuur | 447        | 514       | 71%  | 0%  | 29%  |
| piperacilline/tazobactam   | 447        | 514       | 97%  | 1%  | 2%   |
| cefazoline                 | 1          | 1         | 100% | 0%  | 0%   |
| cefoxitine                 | 446        | 511       | 98%  | 0%  | 2%   |
| cefuroxim                  | 447        | 514       | 90%  | 0%  | 10%  |
| cefotaxim                  | 446        | 513       | 93%  | 0%  | 7%   |
| ceftazidim                 | 447        | 514       | 94%  | 3%  | 4%   |
| ceftriaxon                 | 447        | 514       | 93%  | 0%  | 7%   |
| cefepime                   | 447        | 513       | 93%  | 3%  | 4%   |
| ertapenem                  | 446        | 512       | 100% | 0%  | 0%   |
| imipenem                   | 447        | 513       | 100% | 0%  | 0%   |
| meropenem                  | 446        | 513       | 100% | 0%  | 0%   |
| ciprofloxacin              | 447        | 514       | 84%  | 3%  | 13%  |
| levofloxacin               | 446        | 513       | 86%  | 2%  | 12%  |
| moxifloxacin               | 57         | 65        | 0%   | 0%  | 100% |
| norfloxacin                | 447        | 514       | 80%  | 7%  | 13%  |
| amikacin                   | 447        | 513       | 100% | 0%  | 0%   |
| gentamicin                 | 447        | 514       | 96%  | 1%  | 4%   |
| tobramycin                 | 447        | 514       | 94%  | 0%  | 5%   |
| colistin                   | 446        | 512       | 98%  | 0%  | 2%   |
| cotrimoxazole              | 446        | 513       | 77%  | 0%  | 23%  |
| trimethoprim               | 447        | 513       | 59%  | 0%  | 41%  |
| tigecycline                | 446        | 512       | 99%  | 0%  | 1%   |
| fosfomycin                 | 446        | 512       | 78%  | 0%  | 22%  |
| nitrofurantoin             | 447        | 513       | 75%  | 0%  | 25%  |

*De berekening berust op alle isolaten van een patiënt en is gebaseerd op deze maandaanlevering, daarom alleen bedoeld als terugkoppeling*



### Relatie tussen gevoeligheid ceftriaxon/cefotaxim en ESBL confirmatie

| Organisme             | ceftriaxon cefotaxim | #pat | #Iso | ESBL + | ESBL - |
|-----------------------|----------------------|------|------|--------|--------|
| Escherichia coli      | S                    | 418  | 476  | 0      | 1      |
|                       | I                    | 1    | 1    | 0      | 1      |
|                       | R                    | 30   | 37   | 36     | 1      |
| Klebsiella pneumoniae | S                    | 80   | 105  | 2      | 2      |
|                       | I                    | 2    | 2    | 1      | 1      |
|                       | R                    | 7    | 17   | 15     | 1      |
| Klebsiella oxytosa    | S                    | 24   | 32   | 0      | 0      |
|                       | I                    | 0    | 0    | 0      | 0      |
|                       | R                    | 1    | 1    | 0      | 1      |

### Relatie tussen gevoeligheid ceftazidim en ESBL confirmatie

| Organisme             | ceftazidim | #pat | #Iso | ESBL + | ESBL - |
|-----------------------|------------|------|------|--------|--------|
| Escherichia coli      | S          | 423  | 482  | 7      | 0      |
|                       | I          | 11   | 14   | 13     | 1      |
|                       | R          | 16   | 18   | 16     | 2      |
| Klebsiella pneumoniae | S          | 79   | 101  | 0      | 0      |
|                       | I          | 2    | 2    | 1      | 1      |
|                       | R          | 9    | 21   | 17     | 3      |
| Klebsiella oxytosa    | S          | 25   | 33   | 0      | 1      |
|                       | I          | 0    | 0    | 0      | 0      |
|                       | R          | 0    | 0    | 0      | 0      |

**S. aureus gevoeligheidsbepalingen**

| Antibioticum                | #patienten | #Isolaten | % S  | % I | % R  |
|-----------------------------|------------|-----------|------|-----|------|
| doripenem                   | 185        | 300       | 88%  | 0%  | 12%  |
| penicilline                 | 186        | 302       | 35%  | 0%  | 65%  |
| flucloxacilline             | 185        | 300       | 88%  | 0%  | 12%  |
| cloxacilline                | 185        | 300       | 88%  | 0%  | 12%  |
| dicloxacilline              | 185        | 300       | 88%  | 0%  | 12%  |
| oxacilline                  | 185        | 301       | 88%  | 0%  | 12%  |
| amoxicilline                | 186        | 302       | 0%   | 0%  | 100% |
| ampicilline                 | 186        | 301       | 0%   | 0%  | 100% |
| ticarcilline                | 185        | 300       | 0%   | 0%  | 100% |
| piperacilline               | 185        | 300       | 0%   | 0%  | 100% |
| amoxicilline/clavulaanzuur  | 185        | 300       | 88%  | 0%  | 12%  |
| piperacilline/tazobactam    | 185        | 300       | 88%  | 0%  | 12%  |
| cefalexine                  | 185        | 300       | 88%  | 0%  | 12%  |
| cefadroxil                  | 185        | 300       | 88%  | 0%  | 12%  |
| cefazoline                  | 185        | 300       | 88%  | 0%  | 12%  |
| cefaclor                    | 185        | 300       | 88%  | 0%  | 12%  |
| cefoxitine                  | 189        | 303       | 88%  | 0%  | 12%  |
| cefuroxim                   | 185        | 300       | 88%  | 0%  | 12%  |
| cefotaxim                   | 185        | 300       | 88%  | 0%  | 12%  |
| cefpodoxim                  | 185        | 300       | 88%  | 0%  | 12%  |
| ceftriaxon                  | 185        | 300       | 88%  | 0%  | 12%  |
| cefepime                    | 185        | 300       | 88%  | 0%  | 12%  |
| ceftaroline                 | 185        | 300       | 100% | 0%  | 0%   |
| ertapenem                   | 185        | 300       | 88%  | 0%  | 12%  |
| imipenem                    | 185        | 301       | 100% | 0%  | 0%   |
| ciprofloxacin               | 186        | 302       | 94%  | 0%  | 6%   |
| levofloxacin                | 185        | 301       | 94%  | 0%  | 6%   |
| moxifloxacin                | 185        | 301       | 94%  | 0%  | 6%   |
| ofloxacin                   | 8          | 17        | 0%   | 0%  | 100% |
| teicoplanine                | 185        | 301       | 100% | 0%  | 0%   |
| vancomycine                 | 186        | 302       | 100% | 0%  | 0%   |
| azitromycine                | 185        | 301       | 85%  | 0%  | 15%  |
| claritromycine              | 185        | 301       | 85%  | 0%  | 15%  |
| erytromycine                | 185        | 301       | 85%  | 0%  | 15%  |
| roxitromycine               | 185        | 301       | 85%  | 0%  | 15%  |
| clindamycine                | 186        | 302       | 98%  | 0%  | 2%   |
| amikacine                   | 185        | 301       | 96%  | 0%  | 4%   |
| gentamicine                 | 183        | 296       | 98%  | 0%  | 2%   |
| kanamycine                  | 185        | 301       | 96%  | 0%  | 4%   |
| tobramycine                 | 186        | 302       | 96%  | 0%  | 4%   |
| quinupristine/dalfopristine | 185        | 301       | 100% | 0%  | 0%   |
| cotrimoxazole               | 185        | 301       | 96%  | 0%  | 4%   |
| trimethoprim                | 185        | 300       | 82%  | 13% | 5%   |
| doxycycline                 | 185        | 301       | 90%  | 0%  | 10%  |

| Antibioticum    | #patienten | #Isolaten | % S  | % I | % R  |
|-----------------|------------|-----------|------|-----|------|
| minocycline     | 170        | 270       | 100% | 0%  | 0%   |
| tetracycline    | 185        | 301       | 90%  | 0%  | 10%  |
| tigecycline     | 185        | 301       | 100% | 0%  | 0%   |
| rifampicine     | 185        | 301       | 100% | 0%  | 0%   |
| daptomycine     | 185        | 301       | 100% | 0%  | 0%   |
| fosfomycine     | 186        | 302       | 0%   | 0%  | 100% |
| linezolid       | 184        | 300       | 100% | 0%  | 0%   |
| nitrofurantoin  | 185        | 301       | 0%   | 0%  | 100% |
| mupirocine      | 186        | 302       | 100% | 0%  | 0%   |
| fusidinezuur    | 185        | 301       | 93%  | 0%  | 7%   |
| chlooramfenicol | 184        | 300       | 95%  | 0%  | 5%   |

*De berekening berust op alle isolaten van een patiënt en is gebaseerd op deze maandaanlevering, daarom alleen bedoeld als terugkoppeling*

### Confrmatie MRSA screen positief (PCR mecA of PBP2a agglutinatie)

| S. aureus patiënten | S. aureus isolaten | MRSA SP patiënten | MRSA SP isolaten | Pos geconfirmeerd | Neg geconfirmeerd |
|---------------------|--------------------|-------------------|------------------|-------------------|-------------------|
| 189                 | 305                | 17                | 37               | 37                | 0                 |

*MRSA SP = R voor Cefoxitin of Methiciline (equivalent)*

### Gevoeligheid Aspergillus fumigatus

| Antibioticum   | #patienten | #Isolaten | % S  | % I | % R |
|----------------|------------|-----------|------|-----|-----|
| amfotericine B | 1          | 1         | 100% | 0%  | 0%  |
| anidulafungin  | 1          | 1         | 100% | 0%  | 0%  |
| itraconazol    | 1          | 1         | 100% | 0%  | 0%  |
| micafungin     | 1          | 1         | 100% | 0%  | 0%  |
| posaconazol    | 1          | 1         | 100% | 0%  | 0%  |
| voriconazol    | 1          | 1         | 100% | 0%  | 0%  |

### Gevoeligheid van Candida albicans

| Antibioticum     | #patienten | #Isolaten | % S  | % I | % R |
|------------------|------------|-----------|------|-----|-----|
| 5-fluorocytosine | 116        | 149       | 100% | 0%  | 0%  |
| amfotericine B   | 116        | 149       | 100% | 0%  | 0%  |
| anidulafungin    | 116        | 149       | 98%  | 0%  | 2%  |
| casprofungin     | 116        | 149       | 100% | 0%  | 0%  |
| fluconazol       | 116        | 149       | 99%  | 1%  | 0%  |
| itraconazol      | 116        | 148       | 100% | 0%  | 0%  |
| micafungin       | 116        | 149       | 100% | 0%  | 0%  |
| posaconazol      | 116        | 149       | 100% | 0%  | 0%  |
| voriconazol      | 116        | 149       | 100% | 0%  | 0%  |

### Gevoeligheid van Candida glabrata

| Antibioticum     | #patienten | #Isolaten | % S  | % I | % R  |
|------------------|------------|-----------|------|-----|------|
| 5-fluorocytosine | 37         | 47        | 98%  | 2%  | 0%   |
| amfotericine B   | 37         | 47        | 100% | 0%  | 0%   |
| anidulafungin    | 37         | 47        | 94%  | 0%  | 6%   |
| casprofungin     | 37         | 47        | 100% | 0%  | 0%   |
| fluconazol       | 37         | 47        | 100% | 0%  | 0%   |
| itraconazol      | 36         | 45        | 33%  | 42% | 24%  |
| micafungin       | 37         | 47        | 100% | 0%  | 0%   |
| posaconazol      | 37         | 47        | 0%   | 0%  | 100% |
| voriconazol      | 37         | 47        | 0%   | 0%  | 100% |