

Table 1. Summary overview of the numbers of clinical *K. pneumoniae* and *E. coli* isolates submitted by country, and combined incidence estimates for carbapenemase-producing¹ *K. pneumoniae* and *E. coli* in European hospitals.

| Country | <i>K. pneumoniae</i> | | | <i>E. coli</i> | | | Hospitals | | | | |
|---|---------------------------|---|---------------------|---------------------------|---|---------------------|--|--|------|--|----|
| | Submitted non-susceptible | Confirmed carbapenemase producer ¹ | Comparator isolates | Submitted non-susceptible | Confirmed carbapenemase producer ¹ | Comparator isolates | No. of sentinel hospitals (Mean no. of beds ²) | incidence per 10,000 admissions ³ | | Incidence density/100,000 hospital days ⁴ | |
| | | | | | | | | Rank | Rank | | |
| Albania | 8 | 0 | 11 | 6 | 0 | 5 | 5 (586) | 0 (5) | 25 | 0 (5) | 24 |
| Austria | 15 | 10 | 15 | 1 | 0 | 1 | 10 (968) | 0 (1) | | n.d. (0) | |
| Belgium | 48 | 33 | 49 | 13 | 5 | 13 | 15 (837) | 1.2 (11) | 8 | 1.74 (11) | 8 |
| Bulgaria | 4 | 2 | 4 | 8 | 8 | 8 | 11 (538) | 0.7 (11) | 10 | 1.29 (11) | 11 |
| Croatia | 48 | 7 | 52 | 2 | 1 | 2 | 32 (714) | 0.29 (23) | 16 | 0.44 (22) | 18 |
| Cyprus | 1 | 1 | 1 | 2 | 2 | 2 | 1 (453) | 2.45 (1) | 6 | 4.09 (1) | 6 |
| Czech Republic | 26 | 2 | 9 | 2 | 0 | 0 | 10 (1460) | 0.09 (9) | 21 | 0.14 (9) | 21 |
| Denmark | 8 | 6 | 8 | 1 | 1 | 1 | 10 (n.d.) | n.d. (0) | | n.d. (0) | |
| Estonia | 9 | 0 | 8 | 3 | 0 | 3 | 1 (635) | n.d. (0) | | n.d. (0) | |
| Finland | 1 | 0 | 1 | 6 | 0 | 10 | 9 (1126) | 0 (8) | 25 | 0 (7) | 24 |
| France | 27 | 11 | 26 | 12 | 3 | 14 | 26 (763) | n.d. (0) | | n.d. (0) | |
| Germany | 36 | 22 | 36 | 10 | 3 | 10 | 20 (1189) | 0.56 (17) | 13 | 0.6 (1) | 16 |
| Greece | 86 | 79 | 79 | 1 | 1 | 1 | 10 (407) | 5.78 (3) | 2 | 17.3 (3) | 1 |
| Hungary | 36 | 26 | 27 | 1 | 0 | 1 | 11 (1680) | 0.68 (11) | 11 | 1.04 (11) | 12 |
| Iceland | 0 | 0 | 0 | 0 | 0 | 0 | 1 (612) | 0 (1) | 25 | 0 (1) | 24 |
| Ireland | 12 | 6 | 10 | 10 | 0 | 9 | 10 (528) | 0.44 (10) | 15 | 0.67 (10) | 15 |
| Israel | 39 | 34 | 36 | 6 | 6 | 4 | 8 (669) | n.d. (0) | | n.d. (0) | |
| Italy | 195 | 192 | 198 | 5 | 5 | 5 | 22 (740) | 5.96 (22) | 1 | 7.8 (22) | 3 |
| Kosovo | 0 | 0 | 0 | 0 | 0 | 0 | 2 (n.d.) | n.d. (0) | | n.d. (0) | |
| Latvia | 4 | 2 | 5 | 0 | 0 | 0 | 1 (826) | 0.85 (1) | 9 | 1.68 (1) | 9 |
| Lithuania | 4 | 0 | 4 | 1 | 1 | 1 | 10 (780) | 0.06 (9) | 22 | 0.09 ⁵ (9) | 23 |
| Luxembourg | 10 | 8 | 10 | 0 | 0 | 0 | 5 (435) | 1.45 (5) | 7 | 2.25 (5) | 7 |
| Malta | 9 | 9 | 9 | 1 | 1 | 1 | 1 (850) | n.d. (0) | | n.d. (0) | |
| Montenegro | 10 | 10 | 10 | 0 | 0 | 0 | 1 (760) | 5.65 (1) | 3 | 9.27 (1) | 2 |
| Norway | 5 | 1 | 5 | 5 | 1 | 5 | 45 (253) | 0.02 (30) | 24 | n.d. (0) | |
| Poland | 34 | 4 | 28 | 0 | 0 | 0 | 21 (639) | 0.15 (17) | 19 | 0.25 (17) | 19 |
| Portugal | 61 | 36 | 33 | 6 | 2 | 4 | 26 (721) | 0.65 (26) | 12 | 1.4 ⁵ (24) | 10 |
| Romania | 68 | 61 | 49 | 0 | 0 | 9 | 12 (891) | n.d. (0) | | n.d. (0) | |
| Serbia | 67 | 43 | 46 | 5 | 5 | 5 | 18 (754) | 3 (12) | 5 | 4.35 (12) | 5 |
| Slovakia | 22 | 1 | 22 | 2 | 0 | 2 | 6 (800) | 0.1 (6) | 20 | 0.15 (6) | 20 |
| Slovenia | 12 | 3 | 10 | 2 | 0 | 2 | 12 (577) | 0.25 (10) | 17 | 0.54 ⁵ (8) | 17 |
| Spain | 116 | 102 | 122 | 14 | 4 | 24 | 20 (696) | 4.01 (20) | 4 | 5.88 (20) | 4 |
| Sweden | 0 | 0 | 1 | 1 | 1 | 1 | 10 (978) | n.d. (0) | | n.d. (0) | |
| The former Yugoslav Republic of Macedonia | 3 | 2 | 0 | 0 | 0 | 3 | 2 (1170) | 0.51 (2) | 14 | 0.85 (2) | 13 |
| Turkey | 124 | 112 | 130 | 22 | 20 | 20 | 18 (980) | n.d. (0) | | n.d. (0) | 18 |
| UK - England, Northern Ireland | 47 | 25 | 36 | 29 | 6 | 25 | 18 (1176) | 0.19 (18) | 18 | 0.85 ⁵ (18) | 14 |
| UK - Scotland | 8 | 0 | 8 | 17 | 1 | 17 | 14 (428) | 0.03 (13) | 23 | 0.1 (13) | 22 |
| Total/Average | 1,203 | 850 | 1,098 | 194 | 77 | 208 | 455 (800) | 1.3 (321) | | 2.51 (268) | |

¹ Including carbapenemase classes KPC, NDM, OXA-48-like and VIM. ² In parenthesis the mean number of beds per hospital for countries that provided data for the financial year 2013. ³ In parenthesis number of hospitals that provided number of admissions per hospital for the financial year 2013. ⁴ In parenthesis number of hospitals that provided number of admissions and average length of stay for the financial year 2013. ⁵ For Lithuania, Portugal, Slovenia and UK -England, Northern Ireland total number of patient days was calculated as average bed occupancy x number of beds x 365. n.d. = no data