



**Public Health  
England**

## **NOIDs Weekly Report**

### **STATUTORY NOTIFICATION OF INFECTIOUS DISEASES**

#### **CAUSATIVE AGENTS**

**2016/17**

**WEEK ENDING: 01/05/2016**

Laboratories in England have a statutory duty to notify Public Health England of the identification of the following causative agents:

|                        |                        |                         |
|------------------------|------------------------|-------------------------|
| BACILLUS ANTHRACIS     | GUANARITO VIRUS        | PLASMODIUM FALCIPARUM   |
| BACILLUS CEREUS        | HAEMOPHILUS INFLUENZAE | PLASMODIUM KNOWLESI     |
| BORDETELLA PERTUSSIS   | (INVASIVE)             | PLASMODIUM MALARIAE     |
| BORRELIA SPP           | HANTA VIRUS            | PLASMODIUM OVALE        |
| BRUCELLA SPP           | HEPATITIS A            | PLASMODIUM VIVAX        |
| BURKHOLDERIA MALLEI    | HEPATITIS B            | POLIO VIRUS             |
| BURKHOLDERIA           | HEPATITIS C            | RABIES VIRUS            |
| PSEUDOMALLEI           | HEPATITIS D            | RICKETTSIA SPP          |
| CAMPYLOBACTER SPP      | HEPATITIS E            | RIFT VALLEY FEVER VIRUS |
| CHIKUNGUNYA VIRUS      | INFLUENZA VIRUS        | RUBELLA VIRUS           |
| CHLAMYDOPHILA PSITTACI | JUNIN VIRUS            | SABIA VIRUS             |
| CLOSTRIDIUM BOTULINUM  | KYASANUR FOREST        | SALMONELLA SPP          |
| CLOSTRIDIUM            | DISEASE                | SARS CORONAVIRUS        |
| PERFRINGENS            | LASSA VIRUS            | SHIGELLA SPP            |
| CLOSTRIDIUM TETANI     | LEGIONELLA SPP         | STREPTOCOCCUS GROUP     |
| CORYNEBACTERIUM        | LEPTOSPIRA INTERROGANS | A (INVASIVE)            |
| DIPHThERIAE            | LISTERIA               | STREPTOCOCCUS           |
| CORYNEBACTERIUM        | MONOCYTOGENES          | PNEUMONIAE (INVASIVE)   |
| ULCERANS               | MACHUPO VIRUS          | VARICELLA ZOSTER VIRUS  |
| COXIELLA BURNETII      | MARBURG VIRUS          | VARIOLA VIRUS           |
| CRIMEAN-CONGO          | MEASLES VIRUS          | VIBRIO CHOLERAE         |
| HAEMORRHAGIC FEVER     | MUMPS VIRUS            | WEST NILE VIRUS         |
| VIRUS                  | MYCOBACTERIUM          | YELLOW FEVER VIRUS      |
| CRYPTOSPORIDIUM SPP    | TUBERCULOSIS COMPLEX   | YERSINIA PESTIS         |
| DENGUE VIRUS           | NEISSERIA MENINGITIDIS |                         |
| EBOLA VIRUS            |                        |                         |
| ENTAMOEBIA HISTOLYTICA | OMSK HAEMORRHAGIC      |                         |
| ESCHERICHIA COLI O 157 | FEVER VIRUS            |                         |
| FRANCISELLA TULARENSIS |                        |                         |
| GIARDIA LAMBLIA        |                        |                         |

Table 1: Statutory Notifications of causative agents, grouped by root organism, with totals for the current week compared to the previous five.

| <b>Week notification received</b> | <b>201612</b> | <b>201613</b> | <b>201614</b> | <b>201615</b> | <b>201616</b> | <b>201617</b> |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>ARBOVIRUSES</b>                |               |               |               |               |               |               |
| WEST NILE VIRUS                   | -             |               | 1             | -             |               |               |
| <b>BACILLUS</b>                   |               |               |               |               |               |               |
| BACILLUS ANTHRACIS                | -             |               |               |               |               | 1             |
| BACILLUS CEREUS                   | 9             | 7             | 12            | 8             | 14            | 8             |
| <b>BORDETELLA</b>                 |               |               |               |               |               |               |
| BORDETELLA PERTUSSIS              | 21            | 37            | 22            | 37            | 31            | 33            |
| <b>BORRELIA</b>                   |               |               |               |               |               |               |
| BORRELIA BURGDORFERI              | 1             | 2             |               | 3             | 4             | 1             |
| BORRELIA SP                       | 2             | 1             | -             | 1             | 4             | -             |
| <b>BRUCELLA</b>                   |               |               |               |               |               |               |
| BRUCELLA MELITENSIS               | -             |               |               |               |               | 1             |
| BRUCELLA SP                       | -             | 1             | -             |               |               |               |
| <b>BURKHOLDERIA</b>               |               |               |               |               |               |               |
| BURKHOLDERIA PSEUDOMALLEI         | 1             | -             |               |               |               |               |
| <b>CAMPYLOBACTER</b>              |               |               |               |               |               |               |
| CAMPYLOBACTER COLI                | 8             | 3             | 12            | 8             | 10            | 15            |
| CAMPYLOBACTER FETUS               | -             |               |               | 1             |               | -             |
| CAMPYLOBACTER JEJUNI              | 99            | 66            | 83            | 115           | 102           | 130           |
| CAMPYLOBACTER LARI                | -             |               |               |               |               | 1             |
| CAMPYLOBACTER RECTUS              |               | -             |               |               |               |               |
| CAMPYLOBACTER SP                  | 532           | 428           | 570           | 518           | 557           | 635           |
| CAMPYLOBACTER SPUTORUM            | 1             | -             |               |               |               |               |
| CAMPYLOBACTER UPSALIENSIS         |               |               | 1             | -             |               |               |
| <b>CHIKUNGUNYA VIRUS</b>          |               |               |               |               |               |               |
| CHIKUNGUNYA VIRUS                 | 1             | -             | 1             | -             |               |               |
| <b>CLOSTRIDIUM</b>                |               |               |               |               |               |               |
| CLOSTRIDIUM BOTULINUM             | -             |               |               |               | 1             | -             |
| CLOSTRIDIUM PERFRINGENS           | 11            | 10            | 19            | 22            | 24            |               |
| CLOSTRIDIUM TETANI                | -             |               |               |               |               | 1             |

Table 1: Statutory Notifications of causative agents, grouped by root organism, with totals for the current week compared to the previous five.

| Week notification received | 201612 | 201613 | 201614 | 201615 | 201616 | 201617 |
|----------------------------|--------|--------|--------|--------|--------|--------|
| <b>CORYNEBACTERIUM</b>     |        |        |        |        |        |        |
| CORYNEBACTERIUM ULCERANS   | -      |        |        |        | 1      | -      |
| <b>COXIELLA</b>            |        |        |        |        |        |        |
| COXIELLA BURNETII          | -      |        | 1      |        | -      |        |
| <b>CRYPTOSPORIDIUM</b>     |        |        |        |        |        |        |
| CRYPTOSPORIDIUM HOMINIS    | -      |        | 1      | -      | 1      | -      |
| CRYPTOSPORIDIUM PARVUM     | 1      | -      |        | 8      | 2      | 5      |
| CRYPTOSPORIDIUM SP         | 43     | 47     | 68     | 108    | 114    | 120    |
| <b>ENTAMOEBA</b>           |        |        |        |        |        |        |
| ENTAMOEBA HISTOLYTICA      | 1      |        | 2      | 3      | -      |        |
| <b>ESCHERICHIA</b>         |        |        |        |        |        |        |
| ESCHERICHIA COLI O 157     | 7      | 3      | 7      | 4      | 15     | 6      |
| <b>FALVIVIRUSES</b>        |        |        |        |        |        |        |
| DENGUE VIRUS               | -      |        | 1      | 2      |        |        |
| <b>GIARDIA</b>             |        |        |        |        |        |        |
| GIARDIA LAMBLIA            | 57     | 60     | 77     | 74     | 70     | 74     |
| <b>HAEMOPHILUS</b>         |        |        |        |        |        |        |
| HAEMOPHILUS INFLUENZAE     | 55     | 53     | 64     | 50     | 51     | 72     |
| <b>HEPATITIS VIRUSES</b>   |        |        |        |        |        |        |
| HEPATITIS A                | 2      | 6      | 14     | 5      | 6      | 11     |
| HEPATITIS B                | 322    | 257    | 297    | 276    | 326    | 269    |
| HEPATITIS C                | 332    | 312    | 378    | 308    | 276    | 374    |
| HEPATITIS D                | 11     | 5      | 1      | 8      | 7      | 5      |
| HEPATITIS E                | 19     | 18     | 17     | 12     | 13     | 23     |
| <b>INFLUENZA VIRUS</b>     |        |        |        |        |        |        |
| INFLUENZA A                | 788    | 657    | 454    | 288    | 159    | 120    |
| INFLUENZA B                | 554    | 602    | 527    | 379    | 272    | 205    |
| INFLUENZA UNGROUPED        | 26     | 33     | 20     | 15     | 4      | 6      |

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|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>LEGIONELLA</b>                 |               |               |               |               |               |               |
| LEGIONELLA OTHER NAMED            | -             |               |               |               |               | 1             |
| LEGIONELLA PNEUMOPHILA            | 2             | 4             |               | 2             | -             | 1             |
| LEGIONELLA SP                     | -             | 1             | -             |               |               | 1             |
| <b>LISTERIA</b>                   |               |               |               |               |               |               |
| LISTERIA MONOCYTOGENES            | 1             | 4             | 1             |               | 2             | 3             |
| <b>MYCOBACTERIUM</b>              |               |               |               |               |               |               |
| MYCOBACTERIUM TUBERCULOSIS        | 57            | 61            | 82            | 76            | 75            | 57            |
| <b>NEISSERIA</b>                  |               |               |               |               |               |               |
| NEISSERIA MENINGITIDIS            | 26            | 29            |               | 26            | 15            | 24            |
| <b>PARAMYXOVIRUSES</b>            |               |               |               |               |               |               |
| MEASLES VIRUS                     | 11            | 5             | 9             | 2             | 7             | 4             |
| MUMPS VIRUS                       | 3             | 7             | 14            | 24            | 15            | 12            |
| <b>PLASMODIUM</b>                 |               |               |               |               |               |               |
| PLASMODIUM FALCIPARUM             | 2             | 8             | 7             | 2             | 6             | 8             |
| PLASMODIUM MALARIAE               | 1             |               | -             |               | 1             | -             |
| PLASMODIUM OVALE                  | 1             | -             |               |               |               |               |
| PLASMODIUM VIVAX                  |               |               | 1             | -             |               |               |
| <b>POLYOMAVIRUS</b>               |               |               |               |               |               |               |
| POLYOMAVIRUS BK                   | 14            | 22            |               | 25            | 15            | 38            |
| POLYOMAVIRUS JC                   | 2             |               |               |               | -             |               |
| POLYOMAVIRUS UNTYPED              | 7             |               | 10            | 4             | 10            | 8             |
| <b>RICKETTSIA</b>                 |               |               |               |               |               |               |
| RICKETTSIA SP                     | 1             | -             |               |               |               |               |
| <b>RUBELLA VIRUS</b>              |               |               |               |               |               |               |
| RUBELLA VIRUS                     | 1             | -             |               | 1             |               | 4             |
| <b>SALMONELLA</b>                 |               |               |               |               |               |               |
| OTHER SALMONELLAS                 | 55            | 46            | 49            | 40            | 41            | 15            |
| SALMONELLA BRAENDERUP             | 9             | -             | 9             | -             |               |               |
| SALMONELLA ENTERITIDIS            | 22            | 14            | 24            | 28            | 23            | 5             |
| SALMONELLA INFANTIS               | -             |               | 5             |               | -             |               |

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|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| SALMONELLA NEWPORT                | 7             | -             |               |               |               |               |
| SALMONELLA SP                     |               | 8             | 42            | 34            | 66            | 97            |
| SALMONELLA TYPHI AND<br>PARATYPHI | 6             | 8             | 9             | 5             | 15            | 8             |
| SALMONELLA TYPHIMURIUM            | 19            | 18            | 36            | 21            |               | 16            |
| <b>SHIGELLA</b>                   |               |               |               |               |               |               |
| SHIGELLA BOYDII                   | 2             | 3             | -             |               | 1             | -             |
| SHIGELLA DYSENTERIAE              | 1             | -             | 1             | -             | 2             | -             |
| SHIGELLA FLEXNERI                 | 13            | 7             | 8             | 9             | 14            | 9             |
| SHIGELLA SONNEI                   | 15            | 9             | 11            | 15            | 22            | 25            |
| SHIGELLA SP                       | 11            | 3             |               | 2             | 9             | 8             |
| <b>STREPTOCOCCUS</b>              |               |               |               |               |               |               |
| STREPTOCOCCUS GROUP A             | 77            | 68            | 94            | 60            | 73            | 62            |
| STREPTOCOCCUS<br>PNEUMONIAE       | 125           | 166           | 173           | 159           | 118           | 123           |
| <b>VIBRIO</b>                     |               |               |               |               |               |               |
| VIBRIO CHOLERAЕ                   | 1             |               | -             | 2             |               | -             |