



**Public Health  
England**

## **NOIDs Weekly Report**

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

#### **CAUSATIVE AGENTS**

**2019/06**

**WEEK ENDING: 10/02/2019**

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 CHOLERAЕ         |
| HAEMORRHAGIC FEVER     | MUMPS VIRUS            | WEST NILE VIRUS         |
| VIRUS                  | MYCOBACTERIUM          | YELLOW FEVER VIRUS      |
| CRYPTOSPORIDIUM SPP    | TUBERCULOSIS COMPLEX   | YERSINIA PESTIS         |
| DENGUE VIRUS           | NEISSERIA MENINGITIDIS |                         |
| EBOLA VIRUS            |                        |                         |
| ENTAMOEBА 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>201901</b> | <b>201902</b> | <b>201903</b> | <b>201904</b> | <b>201905</b> | <b>201906</b> |
|---|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>ARBOVIRUSES</b>                                |               |               |               |               |               |               |
| WEST NILE VIRUS                                   | -             | -             | -             | -             | 1             | -             |
| <b>BACILLUS</b>                                   |               |               |               |               |               |               |
| BACILLUS CEREUS                                   | 4             | 13            | 11            | 13            | 15            | 10            |
| <b>BORDETELLA</b>                                 |               |               |               |               |               |               |
| BORDETELLA PERTUSSIS                              | 13            | 10            | 17            | 40            | 29            | 25            |
| <b>BORRELIA</b>                                   |               |               |               |               |               |               |
| BORRELIA BURGDORFERI                              | 14            | 12            | 12            | 14            | 16            | 12            |
| BORRELIA SP                                       | 2             | -             | -             | 2             | 3             | 4             |
| <b>BRUCELLA</b>                                   |               |               |               |               |               |               |
| BRUCELLA MELITENSIS                               | -             | -             | 1             | 1             | -             | -             |
| <b>CAMPYLOBACTER</b>                              |               |               |               |               |               |               |
| CAMPYLOBACTER COLI                                | 10            | 8             | 11            | 13            | 11            | 19            |
| CAMPYLOBACTER FETUS                               | 2             | -             | -             | -             | -             | -             |
| CAMPYLOBACTER JEJUNI                              | 96            | 187           | 163           | 160           | 119           | 140           |
| CAMPYLOBACTER SP                                  | 504           | 751           | 642           | 635           | 574           | 636           |
| CAMPYLOBACTER UPSALIENSIS                         | 1             | -             | 1             | -             | 1             | -             |
| CAMPYLOBACTER UREOLYTICUS (BACTEROIDES CORRODENS) | -             | 1             | -             | -             | 3             | 1             |
| <b>CHIKUNGUNYA VIRUS</b>                          |               |               |               |               |               |               |
| CHIKUNGUNYA VIRUS                                 | -             | -             | 1             | 1             | -             | -             |
| <b>CLOSTRIDIUM</b>                                |               |               |               |               |               |               |
| CLOSTRIDIUM PERFRINGENS                           | 18            | 19            | 27            | 29            | 22            | 26            |
| CLOSTRIDIUM TETANI                                | -             | 1             | -             | -             | -             | -             |
| <b>CORYNEBACTERIUM</b>                            |               |               |               |               |               |               |
| CORYNEBACTERIUM DIPHTHERIAE                       | 2             | 2             | 2             | -             | 3             | 2             |
| <b>COXIELLA</b>                                   |               |               |               |               |               |               |
| COXIELLA BURNETII                                 | 3             | -             | 2             | 3             | 1             | 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 | 201901 | 201902 | 201903 | 201904 | 201905 | 201906 |
|----------------------------|--------|--------|--------|--------|--------|--------|
| <b>CRYPTOSPORIDIUM</b>     |        |        |        |        |        |        |
| CRYPTOSPORIDIUM HOMINIS    | 2      | 4      | 1      | -      | 1      | 1      |
| CRYPTOSPORIDIUM PARVUM     | 2      | 4      | -      | 1      | -      | -      |
| CRYPTOSPORIDIUM SP         | 36     | 52     | 53     | 43     | 45     | 27     |
| <b>ENTAMOEBIA</b>          |        |        |        |        |        |        |
| ENTAMOEBIA HISTOLYTICA     | -      | 2      | -      | 1      | -      | 1      |
| <b>ESCHERICHIA</b>         |        |        |        |        |        |        |
| ESCHERICHIA COLI O 157     | 3      | 2      | 4      | 5      | 4      | 5      |
| <b>FLAVIVIRUSES</b>        |        |        |        |        |        |        |
| DENGUE VIRUS               | 2      | 1      | 6      | 8      | 3      | -      |
| <b>HAEMOPHILUS</b>         |        |        |        |        |        |        |
| HAEMOPHILUS INFLUENZAE     | 39     | 62     | 63     | 71     | 60     | 61     |
| <b>HEPATITIS VIRUSES</b>   |        |        |        |        |        |        |
| HEPATITIS A                | 7      | 16     | 5      | 9      | 12     | 14     |
| HEPATITIS B                | 125    | 135    | 203    | 174    | 156    | 123    |
| HEPATITIS C                | 285    | 272    | 435    | 440    | 466    | 415    |
| HEPATITIS D                | 3      | 1      | 2      | 1      | 2      | 2      |
| HEPATITIS E                | 24     | 13     | 22     | 18     | 21     | 18     |
| <b>INFLUENZA VIRUS</b>     |        |        |        |        |        |        |
| INFLUENZA A                | 1955   | 2716   | 2726   | 2868   | 3265   | 3699   |
| INFLUENZA B                | 20     | 43     | 32     | 34     | 40     | 21     |
| INFLUENZA UNGROUPED        | 184    | 153    | 240    | 64     | 316    | 204    |
| <b>LEGIONELLA</b>          |        |        |        |        |        |        |
| LEGIONELLA OTHER NAMED     | -      | 2      | 1      | -      | -      | -      |
| LEGIONELLA PNEUMOPHILA     | 5      | 12     | 7      | 3      | 2      | 5      |
| LEGIONELLA SP              | 1      | -      | 2      | 2      | 1      | 1      |
| <b>LISTERIA</b>            |        |        |        |        |        |        |
| LISTERIA MONOCYTOGENES     | 1      | 2      | 2      | 3      | 2      | 2      |
| <b>MYCOBACTERIUM</b>       |        |        |        |        |        |        |
| MYCOBACTERIUM TUBERCULOSIS | 67     | 70     | 68     | 61     | 37     | 35     |

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|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>NEISSERIA</b>                  |               |               |               |               |               |               |
| NEISSERIA MENINGITIDIS            | 21            | 22            | 23            | 20            | 12            | 19            |
| <b>PARAMYXOVIRUSES</b>            |               |               |               |               |               |               |
| MEASLES VIRUS                     | 6             | 1             | 2             | 3             | 3             | 2             |
| MUMPS VIRUS                       | 6             | 9             | 24            | 11            | 39            | 10            |
| <b>PLASMIDIUM</b>                 |               |               |               |               |               |               |
| PLASMIDIUM FALCIPARUM             | 5             | 1             | -             | 2             | 4             | 1             |
| PLASMIDIUM OVALE                  | 1             | -             | -             | 1             | -             | -             |
| <b>POLYOMAVIRUS</b>               |               |               |               |               |               |               |
| POLYOMAVIRUS BK                   | 19            | 32            | 23            | 18            | 30            | 24            |
| POLYOMAVIRUS JC                   | 1             | 5             | -             | 1             | 1             | 3             |
| <b>RICKETTSIA</b>                 |               |               |               |               |               |               |
| RICKETTSIA SP                     | -             | 3             | -             | -             | 1             | -             |
| <b>RUBELLA VIRUS</b>              |               |               |               |               |               |               |
| RUBELLA VIRUS                     | 3             | 1             | 2             | 1             | 4             | 3             |
| <b>SALMONELLA</b>                 |               |               |               |               |               |               |
| OTHER SALMONELLAS                 | 32            | 55            | 50            | 32            | 26            | 20            |
| SALMONELLA AGONA                  | -             | -             | 5             | -             | -             | -             |
| SALMONELLA CHESTER                | -             | -             | -             | 5             | -             | -             |
| SALMONELLA ENTERITIDIS            | 19            | 29            | 33            | 12            | 6             | 9             |
| SALMONELLA INFANTIS               | -             | 5             | 5             | -             | -             | -             |
| SALMONELLA NEWPORT                | -             | -             | 7             | -             | -             | -             |
| SALMONELLA SAINT-PAUL             | 5             | -             | -             | -             | -             | -             |
| SALMONELLA SP                     | -             | 5             | 9             | 21            | 55            | 69            |
| SALMONELLA TYPHI AND<br>PARATYPHI | 6             | 9             | -             | 14            | 18            | 7             |
| SALMONELLA TYPHIMURIUM            | 14            | 29            | 20            | 25            | 15            | 11            |
| SALMONELLA VIRCHOW                | -             | 6             | -             | -             | -             | -             |

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|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>SHIGELLA</b>                   |               |               |               |               |               |               |
| SHIGELLA BOYDII                   | 2             | 1             | 3             | 1             | -             | -             |
| SHIGELLA DYSENTERIAE              | -             | -             | 2             | 2             | 1             | 1             |
| SHIGELLA FLEXNERI                 | -             | 9             | 13            | 12            | 11            | 14            |
| SHIGELLA SONNEI                   | 9             | 16            | 23            | 14            | 24            | 11            |
| SHIGELLA SP                       | 6             | 23            | 25            | 29            | 21            | 34            |
| <b>STREPTOCOCCUS</b>              |               |               |               |               |               |               |
| STREPTOCOCCUS GROUP A             | 56            | 54            | 69            | 59            | 57            | 71            |
| STREPTOCOCCUS PNEUMONIAE          | 256           | 218           | 196           | 161           | 145           | 176           |
| <b>VIBRIO</b>                     |               |               |               |               |               |               |
| VIBRIO CHOLERAЕ                   | -             | -             | 1             | 1             | 1             | -             |