



**Public Health  
England**

## **NOIDs Weekly Report**

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

#### **CAUSATIVE AGENTS**

**2020/06**

**WEEK ENDING: 09/02/2020**

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>202001</b> | <b>202002</b> | <b>202003</b> | <b>202004</b> | <b>202005</b> | <b>202006</b> |
|---|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>BACILLUS</b>                                   |               |               |               |               |               |               |
| BACILLUS CEREUS                                   | 13            | 19            | 17            | 14            | 13            | 25            |
| <b>BORDETELLA</b>                                 |               |               |               |               |               |               |
| BORDETELLA PERTUSSIS                              | 47            | 26            | 46            | 34            | 47            | 40            |
| <b>BORRELIA</b>                                   |               |               |               |               |               |               |
| BORRELIA BURGDORFERI                              | 7             | 7             | 13            | 21            | 10            | 13            |
| BORRELIA SP                                       | -             | -             | -             | 2             | 2             | 4             |
| <b>BRUCELLA</b>                                   |               |               |               |               |               |               |
| BRUCELLA SP                                       | 1             | -             | -             | -             | -             | 1             |
| <b>CAMPYLOBACTER</b>                              |               |               |               |               |               |               |
| CAMPYLOBACTER COLI                                | 9             | 22            | 16            | 12            | 10            | 11            |
| CAMPYLOBACTER FETUS                               | -             | -             | 1             | -             | -             | -             |
| CAMPYLOBACTER GRACILIS                            | -             | 1             | -             | -             | -             | -             |
| CAMPYLOBACTER JEJUNI                              | 113           | 258           | 216           | 201           | 172           | 172           |
| CAMPYLOBACTER RECTUS                              | 1             | -             | -             | -             | -             | -             |
| CAMPYLOBACTER SP                                  | 580           | 788           | 812           | 772           | 752           | 857           |
| CAMPYLOBACTER UPSALIENSIS                         | 2             | -             | -             | 1             | 3             | -             |
| CAMPYLOBACTER UREOLYTICUS (BACTEROIDES CORRODENS) | -             | 1             | -             | 1             | -             | -             |
| <b>CHIKUNGUNYA VIRUS</b>                          |               |               |               |               |               |               |
| CHIKUNGUNYA VIRUS                                 | -             | 1             | 1             | 1             | -             | -             |
| <b>CLOSTRIDIUM</b>                                |               |               |               |               |               |               |
| CLOSTRIDIUM PERFRINGENS                           | 35            | 33            | 21            | 36            | 21            | 34            |
| <b>CORYNEBACTERIUM</b>                            |               |               |               |               |               |               |
| CORYNEBACTERIUM DIPHTHERIAE                       | 1             | -             | -             | 1             | 1             | 1             |
| CORYNEBACTERIUM ULCERANS                          | -             | 1             | -             | -             | -             | -             |
| <b>COXIELLA</b>                                   |               |               |               |               |               |               |
| COXIELLA BURNETII                                 | -             | -             | 1             | 1             | 2             | 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 | 202001 | 202002 | 202003 | 202004 | 202005 | 202006 |
|----------------------------|--------|--------|--------|--------|--------|--------|
| <b>CRYPTOSPORIDIUM</b>     |        |        |        |        |        |        |
| CRYPTOSPORIDIUM HOMINIS    | 11     | 19     | 14     | 6      | -      | -      |
| CRYPTOSPORIDIUM PARVUM     | 20     | 29     | 15     | 11     | -      | 1      |
| CRYPTOSPORIDIUM SP         | 23     | 49     | 50     | 41     | 38     | 51     |
| <b>ENTAMOEBIA</b>          |        |        |        |        |        |        |
| ENTAMOEBIA HISTOLYTICA     | 1      | -      | 1      | 5      | -      | -      |
| <b>ESCHERICHIA</b>         |        |        |        |        |        |        |
| ESCHERICHIA COLI O 157     | 3      | 8      | 6      | 8      | 3      | 2      |
| <b>FLAVIVIRUSES</b>        |        |        |        |        |        |        |
| DENGUE VIRUS               | 3      | 6      | 3      | 3      | 2      | 2      |
| <b>HAEMOPHILUS</b>         |        |        |        |        |        |        |
| HAEMOPHILUS INFLUENZAE     | 46     | 73     | 78     | 79     | 60     | 80     |
| <b>HEPATITIS VIRUSES</b>   |        |        |        |        |        |        |
| HEPATITIS A                | 13     | 13     | 8      | 9      | 9      | 22     |
| HEPATITIS B                | 134    | 168    | 172    | 209    | 175    | 178    |
| HEPATITIS C                | 226    | 322    | 427    | 419    | 407    | 410    |
| HEPATITIS D                | 1      | 4      | 4      | 3      | 2      | 1      |
| HEPATITIS E                | 25     | 27     | 21     | 18     | 16     | 16     |
| <b>INFLUENZA VIRUS</b>     |        |        |        |        |        |        |
| INFLUENZA A                | 3612   | 3007   | 1392   | 727    | 633    | 538    |
| INFLUENZA B                | 164    | 183    | 162    | 129    | 179    | 178    |
| INFLUENZA UNGROUPED        | 67     | 44     | 52     | 13     | -      | 23     |
| <b>LEGIONELLA</b>          |        |        |        |        |        |        |
| LEGIONELLA PNEUMOPHILA     | 2      | 4      | 3      | 5      | 3      | 2      |
| LEGIONELLA SP              | 2      | 3      | -      | 2      | 1      | 1      |
| <b>LEPTOSPIRA</b>          |        |        |        |        |        |        |
| LEPTOSPIRA INTERROGANS     | 1      | -      | -      | -      | -      | -      |
| <b>LISTERIA</b>            |        |        |        |        |        |        |
| LISTERIA MONOCYTOGENES     | 1      | 4      | 1      | 2      | 1      | 3      |
| <b>MYCOBACTERIUM</b>       |        |        |        |        |        |        |
| MYCOBACTERIUM TUBERCULOSIS | 61     | 79     | 64     | 65     | 57     | 40     |

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| Week notification received     | 202001 | 202002 | 202003 | 202004 | 202005 | 202006 |
|--------------------------------|--------|--------|--------|--------|--------|--------|
| <b>NEISSERIA</b>               |        |        |        |        |        |        |
| NEISSERIA MENINGITIDIS         | 31     | 43     | 37     | 35     | 18     | 24     |
| <b>PARAMYXOVIRUSES</b>         |        |        |        |        |        |        |
| MEASLES VIRUS                  | 2      | 6      | 3      | 2      | 3      | 5      |
| MUMPS VIRUS                    | 32     | 70     | 54     | 79     | 51     | 60     |
| <b>PLASMODIUM</b>              |        |        |        |        |        |        |
| PLASMODIUM FALCIPARUM          | -      | 3      | 17     | 5      | 2      | 3      |
| PLASMODIUM OVALE               | -      | -      | 3      | -      | -      | -      |
| <b>POLYOMAVIRUS</b>            |        |        |        |        |        |        |
| POLYOMAVIRUS BK                | 23     | 38     | 40     | 43     | 22     | 39     |
| POLYOMAVIRUS JC                | 1      | 1      | 1      | 1      | 2      | 2      |
| <b>RICKETTSIA</b>              |        |        |        |        |        |        |
| RICKETTSIA PROWAZEKII          | -      | -      | 1      | -      | -      | -      |
| RICKETTSIA SP                  | -      | -      | -      | -      | 1      | -      |
| RICKETTSIA SPOTTED FEVER       | -      | -      | 1      | -      | -      | -      |
| <b>RUBELLA VIRUS</b>           |        |        |        |        |        |        |
| RUBELLA VIRUS                  | 1      | 2      | 5      | -      | -      | -      |
| <b>SALMONELLA</b>              |        |        |        |        |        |        |
| OTHER SALMONELLAS              | 50     | 74     | 58     | 61     | 27     | 14     |
| SALMONELLA ENTERICA            | -      | -      | 5      | 5      | -      | -      |
| SALMONELLA ENTERITIDIS         | 28     | 37     | 35     | 18     | 10     | 10     |
| SALMONELLA NEWPORT             | -      | -      | -      | 5      | -      | -      |
| SALMONELLA SP                  | 5      | 8      | 18     | 18     | 40     | 65     |
| SALMONELLA TYPHI AND PARATYPHI | 5      | 9      | 12     | 13     | 22     | 15     |
| SALMONELLA TYPHIMURIUM         | 16     | 24     | 31     | 20     | 11     | 10     |
| <b>SHIGELLA</b>                |        |        |        |        |        |        |
| SHIGELLA BOYDII                | 2      | 2      | -      | 1      | 2      | 1      |
| SHIGELLA DYSENTERIAE           | -      | 1      | -      | 1      | 1      | 1      |
| SHIGELLA FLEXNERI              | 10     | 20     | 17     | 22     | 15     | 10     |
| SHIGELLA SONNEI                | 10     | 31     | 12     | 19     | 8      | 20     |
| SHIGELLA SP                    | 13     | 27     | 42     | 39     | 28     | 50     |

| <b>Week notification received</b> | <b>202001</b> | <b>202002</b> | <b>202003</b> | <b>202004</b> | <b>202005</b> | <b>202006</b> |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>STREPTOCOCCUS</b>              |               |               |               |               |               |               |
| STREPTOCOCCUS GROUP A             | 65            | 86            | 79            | 72            | 57            | 61            |
| STREPTOCOCCUS<br>PNEUMONIAE       | 255           | 307           | 162           | 114           | 134           | 148           |
| <b>VIBRIO</b>                     |               |               |               |               |               |               |
| VIBRIO CHOLERAEE                  | -             | -             | 1             | -             | -             | -             |