



**Public Health
England**

NOIDs Weekly Report

STATUTORY NOTIFICATION OF INFECTIOUS DISEASES

CAUSATIVE AGENTS

2016/02

WEEK ENDING: 17/01/2016

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.

| Week notification received | 201550 | 201551 | 201552 | 201553 | 201601 | 201602 |
|---|---------------|---------------|---------------|---------------|---------------|---------------|
| ARBOVIRUSES | | | | | | |
| WEST NILE VIRUS | - | | | 1 | - | |
| BACILLUS | | | | | | |
| BACILLUS CEREUS | 8 | 7 | 5 | 7 | 8 | 7 |
| BORDETELLA | | | | | | |
| BORDETELLA PERTUSSIS | 31 | 35 | 34 | 20 | 17 | 33 |
| BORRELIA | | | | | | |
| BORRELIA BURGDORFERI | 11 | 7 | | 8 | 6 | 3 |
| BORRELIA SP | 1 | 2 | | - | | 2 |
| BURKHOLDERIA | | | | | | |
| BURKHOLDERIA PSEUDOMALLEI | - | | 1 | - | | |
| CAMPYLOBACTER | | | | | | |
| CAMPYLOBACTER COLI | 11 | 14 | 17 | 9 | 10 | 9 |
| CAMPYLOBACTER JEJUNI | 119 | 140 | 116 | 110 | 111 | 112 |
| CAMPYLOBACTER OTHER NAMED | - | 1 | - | | | |
| CAMPYLOBACTER SP | 708 | | 532 | 474 | 737 | 708 |
| CAMPYLOBACTER UPSALIENSIS | 1 | - | 1 | | - | |
| CAMPYLOBACTER UREOLYTICUS (BACTEROIDES CORRODENS) | | | | | 1 | - |
| CHIKUNGUNYA VIRUS | | | | | | |
| CHIKUNGUNYA VIRUS | - | 1 | - | | | 1 |
| CLOSTRIDIUM | | | | | | |
| CLOSTRIDIUM PERFRINGENS | 20 | 22 | 31 | 21 | 23 | 20 |
| CORYNEBACTERIUM | | | | | | |
| CORYNEBACTERIUM DIPHTHERIAE | - | 3 | 1 | - | | 1 |
| COXIELLA | | | | | | |
| COXIELLA BURNETII | - | | | | 1 | - |

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| Week notification received | 201550 | 201551 | 201552 | 201553 | 201601 | 201602 |
|----------------------------|--------|--------|--------|--------|--------|--------|
| CRYPTOSPORIDIUM | | | | | | |
| CRYPTOSPORIDIUM HOMINIS | 4 | 2 | - | 2 | 6 | 2 |
| CRYPTOSPORIDIUM PARVUM | 7 | 1 | - | | | 1 |
| CRYPTOSPORIDIUM SP | 107 | 93 | 61 | 57 | 81 | 66 |
| ENTAMOEBA | | | | | | |
| ENTAMOEBA HISTOLYTICA | - | | 1 | - | 1 | - |
| ESCHERICHIA | | | | | | |
| ESCHERICHIA COLI O 157 | 12 | 9 | 12 | 4 | 6 | 5 |
| FALVIVIRUSES | | | | | | |
| DENGUE VIRUS | 3 | 1 | | | 2 | - |
| GIARDIA | | | | | | |
| GIARDIA LAMBLIA | 72 | 75 | 56 | 60 | 83 | 60 |
| HAEMOPHILUS | | | | | | |
| HAEMOPHILUS INFLUENZAE | 42 | 59 | 54 | 45 | 55 | 57 |
| HEPATITIS VIRUSES | | | | | | |
| HEPATITIS A | 6 | 10 | 12 | 8 | 10 | 15 |
| HEPATITIS B | 335 | 445 | 237 | 304 | 241 | 429 |
| HEPATITIS C | 280 | 378 | 265 | 262 | 288 | 250 |
| HEPATITIS D | 5 | 1 | - | 10 | 2 | 1 |
| HEPATITIS E | 13 | 21 | 16 | 13 | 17 | 6 |
| INFLUENZA VIRUS | | | | | | |
| INFLUENZA A | 56 | 118 | 148 | 195 | 279 | 239 |
| INFLUENZA B | 8 | 11 | | 16 | 18 | 23 |
| INFLUENZA UNGROUPED | 4 | 10 | 8 | 14 | 5 | |
| LEGIONELLA | | | | | | |
| LEGIONELLA OTHER NAMED | - | | | | 1 | - |
| LEGIONELLA PNEUMOPHILA | 5 | 1 | 4 | 1 | 2 | 3 |
| LEGIONELLA SP | - | | | 2 | - | 1 |
| LISTERIA | | | | | | |
| LISTERIA MONOCYTOGENES | 2 | 5 | 2 | 4 | | 6 |

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 | 201550 | 201551 | 201552 | 201553 | 201601 | 201602 |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| MYCOBACTERIUM | | | | | | |
| MYCOBACTERIUM TUBERCULOSIS | 63 | 67 | 49 | 70 | 78 | 66 |
| NEISSERIA | | | | | | |
| NEISSERIA MENINGITIDIS | 20 | 30 | 17 | 16 | 37 | 32 |
| PARAMYXOVIRUSES | | | | | | |
| MEASLES VIRUS | 1 | - | | 1 | - | |
| MUMPS VIRUS | 4 | 20 | 21 | 13 | 10 | 3 |
| PLASMODIUM | | | | | | |
| PLASMODIUM FALCIPARUM | 6 | 3 | 1 | - | 12 | 3 |
| PLASMODIUM VIVAX | - | | | | 3 | - |
| POLYOMAVIRUS | | | | | | |
| POLYOMAVIRUS BK | 26 | 31 | 19 | 14 | 22 | 10 |
| POLYOMAVIRUS JC | 2 | | 1 | | - | |
| POLYOMAVIRUS UNTYPED | 8 | 5 | 6 | 7 | 6 | 4 |
| RICKETTSIA | | | | | | |
| RICKETTSIA SP | - | | 2 | - | | |
| RUBELLA VIRUS | | | | | | |
| RUBELLA VIRUS | 3 | 4 | 1 | 3 | 1 | 2 |
| SALMONELLA | | | | | | |
| OTHER SALMONELLAS | 67 | 50 | 43 | 24 | 36 | 21 |
| SALMONELLA BRAENDERUP | - | 6 | - | | | |
| SALMONELLA ENTERITIDIS | 41 | 20 | 21 | 15 | | 12 |
| SALMONELLA MIKAWASIMA | 5 | - | | | | |
| SALMONELLA NEWPORT | 7 | | - | | | |
| SALMONELLA SP | 15 | 30 | 11 | 22 | 50 | 97 |
| SALMONELLA STANLEY | 6 | - | | | | |
| SALMONELLA TYPHI AND PARATYPHI | | 10 | 7 | 8 | 10 | - |
| SALMONELLA TYPHIMURIUM | 44 | 31 | 33 | 12 | 23 | 12 |
| SALMONELLA VIRCHOW | - | | 6 | - | | |
| SHIGELLA | | | | | | |
| SHIGELLA BOYDII | - | 4 | 2 | 1 | | - |

| Week notification received | 201550 | 201551 | 201552 | 201553 | 201601 | 201602 |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| SHIGELLA DYSENTERIAE | - | 2 | - | 1 | - | |
| SHIGELLA FLEXNERI | 10 | 14 | 6 | 10 | 17 | 9 |
| SHIGELLA SONNEI | 13 | 18 | 9 | 7 | 19 | 16 |
| SHIGELLA SP | 4 | 2 | | 7 | 6 | 7 |
| STREPTOCOCCUS | | | | | | |
| STREPTOCOCCUS GROUP A | 33 | 49 | 28 | 34 | 46 | |
| STREPTOCOCCUS PNEUMONIAE | 121 | 133 | 132 | 172 | 190 | 133 |
| VIBRIO | | | | | | |
| VIBRIO CHOLERAЕ | - | 1 | | - | | |