



**Public Health
England**

NOIDs Weekly Report

STATUTORY NOTIFICATION OF INFECTIOUS DISEASES

CAUSATIVE AGENTS

2020/36

WEEK ENDING: 06/09/2020

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 | SARS-CoV-2 CORONAVIRUS |
| CLOSTRIDIUM TETANI | LEGIONELLA SPP | (Covid-19) |
| CORYNEBACTERIUM | LEPTOSPIRA INTERROGANS | SHIGELLA SPP |
| DIPHThERIAE | LISTERIA | STREPTOCOCCUS GROUP |
| CORYNEBACTERIUM | MONOCYTOGENES | A (INVASIVE) |
| ULCERANS | MACHUPO VIRUS | STREPTOCOCCUS |
| COXIELLA BURNETII | MARBURG VIRUS | PNEUMONIAE (INVASIVE) |
| CRIMEAN-CONGO | MEASLES VIRUS | VARICELLA ZOSTER VIRUS |
| HAEMORRHAGIC FEVER | MUMPS VIRUS | VARIOLA VIRUS |
| VIRUS | MYCOBACTERIUM | VIBRIO CHOLERAЕ |
| CRYPTOSPORIDIUM SPP | TUBERCULOSIS COMPLEX | WEST NILE VIRUS |
| DENGUE VIRUS | NEISSERIA MENINGITIDIS | YELLOW FEVER VIRUS |
| EBOLA VIRUS | | YERSINIA PESTIS |
| 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.

| Week notification received | 202031 | 202032 | 202033 | 202034 | 202035 | 202036 |
|---|---------------|---------------|---------------|---------------|---------------|---------------|
| BACILLUS | | | | | | |
| BACILLUS CEREUS | 28 | 25 | 31 | 35 | 41 | 74 |
| BORDETELLA | | | | | | |
| BORDETELLA PERTUSSIS | 3 | 1 | - | 4 | 1 | 1 |
| BORRELIA | | | | | | |
| BORRELIA BURGDORFERI | 23 | 36 | 30 | 23 | 22 | 21 |
| BORRELIA SP | 2 | 1 | - | - | 3 | - |
| BRUCELLA | | | | | | |
| BRUCELLA SP | - | - | - | - | 1 | - |
| CAMPYLOBACTER | | | | | | |
| CAMPYLOBACTER COLI | 31 | 24 | 28 | 23 | 27 | 22 |
| CAMPYLOBACTER FETUS | - | - | - | 1 | 1 | - |
| CAMPYLOBACTER JEJUNI | 237 | 220 | 212 | 253 | 200 | 177 |
| CAMPYLOBACTER LARI | - | - | - | 1 | - | - |
| CAMPYLOBACTER SP | 838 | 848 | 902 | 989 | 862 | 638 |
| CAMPYLOBACTER UPSALIENSIS | - | - | - | - | 2 | 1 |
| CAMPYLOBACTER UREOLYTICUS (BACTEROIDES CORRODENS) | 1 | - | - | - | - | - |
| CHIKUNGUNYA VIRUS | | | | | | |
| CHIKUNGUNYA VIRUS | 1 | - | - | - | - | - |
| CLOSTRIDIUM | | | | | | |
| CLOSTRIDIUM PERFRINGENS | 17 | 27 | 25 | 33 | 23 | 21 |
| CLOSTRIDIUM TETANI | 1 | - | - | - | - | - |
| CORONAVIRUS | | | | | | |
| CORONAVIRUS | 1 | 2 | - | - | - | 1 |
| COVID19 INDETERMINATE | 6 | 5 | 5 | 172 | 46 | 55 |
| SARS CORONAVIRUS | - | - | 2 | 1 | - | 5 |
| SARS-COV-2 ANTIBODY INDETERMINATE | 124 | 99 | 79 | 120 | 145 | 78 |
| SARS-COV-2 ANTIBODY VOID | 25 | 66 | 21 | 48 | 34 | 7 |
| SARS-CoV-2 CORONAVIRUS (Covid-19) | 5379 | 5867 | 7238 | 7053 | 8791 | 13146 |

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 | 202031 | 202032 | 202033 | 202034 | 202035 | 202036 |
|------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| SARS-COV-2 IGG ANTIBODY NEGATIVE | 16012 | 13336 | 12428 | 12431 | 10533 | 11897 |
| SARS-COV-2 IGG ANTIBODY POSITIVE | 2109 | 1840 | 1851 | 1663 | 1415 | 1524 |
| SARS-COV-2 IGM ANTIBODY NEGATIVE | 43 | 11 | - | - | 4 | - |
| SARS-COV-2 TOTAL ANTIBODY NEGATIVE | 21412 | 12622 | 10536 | 13658 | 12375 | 10189 |
| SARS-COV-2 TOTAL ANTIBODY POSITIVE | 2900 | 2291 | 2091 | 2984 | 2830 | 2707 |
| CORYNEBACTERIUM | | | | | | |
| CORYNEBACTERIUM DIPHTHERIAE | - | - | - | - | - | 3 |
| COXIELLA | | | | | | |
| COXIELLA BURNETII | 1 | - | - | - | 2 | - |
| CRYPTOSPORIDIUM | | | | | | |
| CRYPTOSPORIDIUM PARVUM | 1 | 2 | 2 | 1 | 1 | 2 |
| CRYPTOSPORIDIUM SP | 33 | 32 | 36 | 32 | 49 | 46 |
| ENTAMOEBA | | | | | | |
| ENTAMOEBA HISTOLYTICA | - | 4 | 1 | 3 | 5 | - |
| ESCHERICHIA | | | | | | |
| ESCHERICHIA COLI O 157 | 6 | 7 | 29 | 14 | 23 | 10 |
| HAEMOPHILUS | | | | | | |
| HAEMOPHILUS INFLUENZAE | 27 | 22 | 18 | 19 | 20 | 31 |
| HEPATITIS VIRUSES | | | | | | |
| HEPATITIS A | 5 | 6 | 2 | 5 | 5 | 1 |
| HEPATITIS B | 96 | 115 | 91 | 113 | 101 | 77 |
| HEPATITIS C | 199 | 246 | 182 | 215 | 315 | 155 |
| HEPATITIS D | 1 | - | 1 | 1 | - | 1 |
| HEPATITIS E | 23 | 22 | 17 | 25 | 16 | 16 |
| INFLUENZA VIRUS | | | | | | |
| INFLUENZA A | 2 | 2 | 1 | 1 | 1 | 7 |
| INFLUENZA B | 2 | 1 | 1 | - | 1 | 5 |

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 | 202031 | 202032 | 202033 | 202034 | 202035 | 202036 |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| LEGIONELLA | | | | | | |
| LEGIONELLA PNEUMOPHILA | 5 | 5 | 5 | - | 5 | 3 |
| LEGIONELLA SP | 4 | 1 | 1 | 1 | 2 | 5 |
| LISTERIA | | | | | | |
| LISTERIA MONOCYTOGENES | 2 | 3 | 1 | 4 | - | 4 |
| MYCOBACTERIUM | | | | | | |
| MYCOBACTERIUM TUBERCULOSIS | 57 | 62 | 45 | 66 | 56 | 44 |
| NEISSERIA | | | | | | |
| NEISSERIA MENINGITIDIS | 7 | 4 | 5 | 5 | 8 | 6 |
| PARAMYXOVIRUSES | | | | | | |
| MEASLES VIRUS | - | 1 | 1 | 1 | - | - |
| MUMPS VIRUS | 2 | 1 | - | 4 | 4 | - |
| PLASMODIUM | | | | | | |
| PLASMODIUM FALCIPARUM | - | 2 | - | 1 | 3 | - |
| PLASMODIUM OVALE | - | - | - | - | 3 | - |
| PLASMODIUM VIVAX | - | - | - | - | 4 | - |
| POLYOMAVIRUS | | | | | | |
| POLYOMAVIRUS BK | 28 | 28 | 21 | 23 | 17 | 22 |
| POLYOMAVIRUS JC | - | 1 | - | 3 | - | - |
| RICKETTSIA | | | | | | |
| RICKETTSIA SPOTTED FEVER | 1 | - | - | - | - | - |
| RUBELLA VIRUS | | | | | | |
| RUBELLA VIRUS | - | - | 1 | - | 1 | - |
| SALMONELLA | | | | | | |
| OTHER SALMONELLAS | 28 | 27 | 34 | 27 | 29 | 21 |
| SALMONELLA ENTERITIDIS | 28 | 33 | 34 | 36 | 13 | 7 |
| SALMONELLA INFANTIS | - | 6 | 7 | 11 | - | - |
| SALMONELLA SP | 6 | 13 | 21 | 29 | 102 | 88 |
| SALMONELLA TYPHIMURIUM | 25 | 33 | 39 | 24 | 12 | 13 |
| SHIGELLA | | | | | | |
| SHIGELLA BOYDII | 1 | - | - | - | - | - |

| Week notification received | 202031 | 202032 | 202033 | 202034 | 202035 | 202036 |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| SHIGELLA DYSENTERIAE | - | - | - | - | 1 | - |
| SHIGELLA FLEXNERI | 11 | 9 | 10 | 13 | 5 | 5 |
| SHIGELLA SONNEI | 2 | 1 | 3 | - | 1 | - |
| SHIGELLA SP | 4 | 8 | 5 | 6 | 7 | 9 |
| STREPTOCOCCUS | | | | | | |
| STREPTOCOCCUS GROUP A | 10 | 31 | 33 | 18 | 12 | 26 |
| STREPTOCOCCUS PNEUMONIAE | 20 | 18 | 20 | 27 | 30 | 29 |