



**Public Health
England**

NOIDs Weekly Report

STATUTORY NOTIFICATION OF INFECTIOUS DISEASES

CAUSATIVE AGENTS

2020/45

WEEK ENDING: 08/11/2020

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 | 202040 | 202041 | 202042 | 202043 | 202044 | 202045 |
|---|---------------|---------------|---------------|---------------|---------------|---------------|
| BACILLUS | | | | | | |
| BACILLUS CEREUS | 23 | 31 | 16 | 19 | 12 | 12 |
| BORDETELLA | | | | | | |
| BORDETELLA PERTUSSIS | 1 | - | 2 | - | - | - |
| BORRELIA | | | | | | |
| BORRELIA BURGDORFERI | 25 | 16 | 22 | 20 | 24 | 8 |
| BORRELIA SP | - | - | 2 | 1 | 4 | 1 |
| BRUCELLA | | | | | | |
| BRUCELLA MELITENSIS | 1 | - | - | - | - | - |
| BRUCELLA SP | - | 1 | - | - | - | - |
| BURKHOLDERIA | | | | | | |
| BURKHOLDERIA PSEUDOMALLEI | - | - | - | - | - | 1 |
| CAMPYLOBACTER | | | | | | |
| CAMPYLOBACTER COLI | 33 | 17 | 30 | 32 | 17 | 10 |
| CAMPYLOBACTER FETUS | - | - | 1 | - | - | 1 |
| CAMPYLOBACTER JEJUNI | 244 | 205 | 245 | 220 | 220 | 143 |
| CAMPYLOBACTER SP | 811 | 721 | 752 | 741 | 690 | 588 |
| CAMPYLOBACTER UPSALIENSIS | 1 | - | - | - | - | - |
| CAMPYLOBACTER UREOLYTICUS (BACTEROIDES CORRODENS) | 2 | - | 1 | - | 2 | - |
| CLOSTRIDIUM | | | | | | |
| CLOSTRIDIUM PERFRINGENS | 26 | 19 | 22 | 27 | 22 | 16 |

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|--|--------|--------|--------|--------|--------|--------|
| CORONAVIRUS | | | | | | |
| CORONAVIRUS | 1 | 34 | 4 | 32 | 43 | - |
| SARS CORONAVIRUS | 13 | 25 | - | - | - | - |
| SARS-COV-2 ANTIBODY INTERMEDIATE | 133 | 147 | 184 | 181 | 121 | 122 |
| SARS-COV-2 ANTIBODY VOID | 15 | 17 | 2 | 14 | 5 | 6 |
| SARS-CoV-2 CORONAVIRUS (Covid-19) | 69625 | 84533 | 104730 | 128799 | 141317 | 143541 |
| SARS-CoV-2 CORONAVIRUS (Covid-19) INTERMEDIATE | 259 | 106 | 88 | 56 | 53 | 100 |
| SARS-COV-2 IGG ANTIBODY NEGATIVE | 11045 | 26699 | 9877 | 8929 | 9793 | 7246 |
| SARS-COV-2 IGG ANTIBODY POSITIVE | 1888 | 3296 | 1370 | 1603 | 1800 | 1368 |
| SARS-COV-2 IGM ANTIBODY NEGATIVE | - | - | - | 13 | - | - |
| SARS-COV-2 TOTAL ANTIBODY NEGATIVE | 12267 | 8484 | 35675 | 6794 | 6725 | 6916 |
| SARS-COV-2 TOTAL ANTIBODY POSITIVE | 3321 | 2486 | 6821 | 2075 | 1954 | 2389 |
| CORYNEBACTERIUM | | | | | | |
| CORYNEBACTERIUM DIPHTHERIAE | - | 1 | 1 | - | 1 | - |
| COXIELLA | | | | | | |
| COXIELLA BURNETII | - | - | 1 | - | 1 | - |
| CRYPTOSPORIDIUM | | | | | | |
| CRYPTOSPORIDIUM HOMINIS | 3 | 1 | - | - | - | - |
| CRYPTOSPORIDIUM PARVUM | 28 | 29 | 15 | 29 | - | - |
| CRYPTOSPORIDIUM SP | 23 | 26 | 22 | 43 | 56 | 25 |
| CRYPTOSPORIDIUM UBIQUITUM | - | - | 1 | - | - | - |
| ENTAMOEBIA | | | | | | |
| ENTAMOEBIA HISTOLYTICA | 7 | - | 1 | 6 | 1 | - |
| ESCHERICHIA | | | | | | |
| ESCHERICHIA COLI O 157 | 15 | 9 | 13 | 7 | 6 | 7 |
| FLAVIVIRUSES | | | | | | |
| DENGUE VIRUS | - | - | - | - | 1 | - |

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| Week notification received | 202040 | 202041 | 202042 | 202043 | 202044 | 202045 |
|----------------------------|--------|--------|--------|--------|--------|--------|
| HAEMOPHILUS | | | | | | |
| HAEMOPHILUS INFLUENZAE | 30 | 32 | 39 | 34 | 31 | 18 |
| HEPATITIS VIRUSES | | | | | | |
| HEPATITIS A | 6 | 10 | 3 | 7 | 7 | 10 |
| HEPATITIS B | 130 | 149 | 88 | 106 | 105 | 82 |
| HEPATITIS C | 303 | 286 | 231 | 274 | 265 | 271 |
| HEPATITIS D | 1 | - | 1 | 1 | - | - |
| HEPATITIS E | 12 | 15 | 19 | 17 | 21 | 4 |
| INFLUENZA VIRUS | | | | | | |
| INFLUENZA A | 6 | 9 | 14 | 29 | 8 | 39 |
| INFLUENZA B | 7 | 8 | 32 | 14 | 9 | 6 |
| INFLUENZA UNGROUPED | - | 1 | - | - | - | - |
| LEGIONELLA | | | | | | |
| LEGIONELLA LONGBEACHAE | 1 | - | - | - | - | - |
| LEGIONELLA PNEUMOPHILA | 4 | 5 | 3 | 2 | 1 | - |
| LEGIONELLA SP | 1 | 1 | 4 | 4 | 1 | - |
| LISTERIA | | | | | | |
| LISTERIA MONOCYTOGENES | 5 | 5 | 4 | 7 | 1 | - |
| MYCOBACTERIUM | | | | | | |
| MYCOBACTERIUM TUBERCULOSIS | 63 | 55 | 62 | 50 | 52 | 17 |
| NEISSERIA | | | | | | |
| NEISSERIA MENINGITIDIS | 2 | 6 | 5 | 9 | 3 | 4 |
| PARAMYXOVIRUSES | | | | | | |
| MEASLES VIRUS | - | - | 2 | - | - | - |
| MUMPS VIRUS | - | 1 | 1 | 2 | 2 | - |
| PLASMODIUM | | | | | | |
| PLASMODIUM FALCIPARUM | 3 | - | - | 3 | - | 1 |
| PLASMODIUM MALARIAE | 1 | - | - | - | - | - |
| PLASMODIUM VIVAX | 1 | - | - | 1 | - | - |

| Week notification received | 202040 | 202041 | 202042 | 202043 | 202044 | 202045 |
|-----------------------------------|--------|--------|--------|--------|--------|--------|
| POLYOMAVIRUS | | | | | | |
| POLYOMAVIRUS BK | 26 | 27 | 38 | 19 | 35 | 12 |
| POLYOMAVIRUS JC | - | 3 | - | 1 | 2 | - |
| SALMONELLA | | | | | | |
| OTHER SALMONELLAS | 39 | 33 | 30 | 24 | 18 | 7 |
| SALMONELLA ENTERITIDIS | 46 | 38 | 37 | 21 | 24 | 10 |
| SALMONELLA INFANTIS | - | 5 | 5 | - | - | - |
| SALMONELLA NEWPORT | - | 5 | - | - | - | - |
| SALMONELLA SP | 25 | 20 | 28 | 25 | 46 | 45 |
| SALMONELLA TYPHI AND PARATYPHI | 7 | - | - | - | - | - |
| SALMONELLA TYPHIMURIUM | 39 | 34 | 22 | 15 | 16 | - |
| SHIGELLA | | | | | | |
| SHIGELLA DYSENTERIAE | - | - | - | 1 | - | 1 |
| SHIGELLA FLEXNERI | 11 | 10 | 7 | 7 | 4 | 4 |
| SHIGELLA SONNEI | - | 2 | 3 | 1 | 1 | 2 |
| SHIGELLA SP | 7 | 11 | 6 | 7 | 12 | 2 |
| STREPTOCOCCUS | | | | | | |
| STREPTOCOCCUS GROUP A | 16 | 28 | 21 | 16 | 19 | 14 |
| STREPTOCOCCUS PNEUMONIAE | 64 | 54 | 63 | 63 | 54 | 27 |