



**Public Health  
England**

## **NOIDs Weekly Report**

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

#### **CAUSATIVE AGENTS**

**2021/29**

**WEEK ENDING: 25/07/2021**

Laboratories in England have a statutory duty to notify Public Health England of the identification of the following causative agents:

BACILLUS ANTHRACIS	ESCHERICHIA COLI O 157	PLASMODIUM FALCIPARUM
BACILLUS CEREUS	FRANCISELLA TULARENSIS	PLASMODIUM KNOWLESI
BORDETELLA PERTUSSIS	GIARDIA LAMBLIA	PLASMODIUM MALARIAE
BORRELIA SPP	GUANARITO VIRUS	PLASMODIUM OVALE
BRUCELLA SPP	HAEMOPHILUS	PLASMODIUM VIVAX
BURKHOLDERIA MALLEI	INFLUENZAE (INVASIVE)	POLIO VIRUS
BURKHOLDERIA	HANTA VIRUS	RABIES VIRUS
PSEUDOMALLEI	HEPATITIS A	RICKETTSIA SPP
CAMPYLOBACTER SPP	HEPATITIS B	RIFT VALLEY FEVER VIRUS
CARBAPENEMASE- PRODUCING GRAM- NEGATIVE ORGANISMS	HEPATITIS C	RUBELLA VIRUS
CHIKUNGUNYA VIRUS	HEPATITIS D	SABIA VIRUS
CHLAMYDOPHILA PSITTACI	HEPATITIS E	SALMONELLA SPP
CLOSTRIDIUM BOTULINUM	INFLUENZA VIRUS	SARS CORONAVIRUS
CLOSTRIDIUM	JUNIN VIRUS	SHIGELLA SPP
PERFRINGENS	KYASANUR FOREST DISEASE	STREPTOCOCCUS GROUP A (INVASIVE)
CLOSTRIDIUM TETANI	LASSA VIRUS	STREPTOCOCCUS PNEUMONIAE (INVASIVE)
CORYNEBACTERIUM	LEGIONELLA SPP	VARICELLA ZOSTER VIRUS
DIPHTHERIAE	LEPTOSPIRA	VARIOLA VIRUS
CORYNEBACTERIUM	INTERROGANS	VIBRIO CHOLERAЕ
ULCERANS	LISTERIA	WEST NILE VIRUS
COXIELLA BURNETII	MONOCYTOGENES	YELLOW FEVER VIRUS
CRIMEAN-CONGO	MACHUPO VIRUS	YERSINIA PESTIS
HAEMORRHAGIC FEVER VIRUS	MARBURG VIRUS	
CRYPTOSPORIDIUM SPP	MEASLES VIRUS	
DENGUE VIRUS	MUMPS VIRUS	
EBOLA VIRUS	MYCOBACTERIUM	
ENTAMOEBА HISTOLYTICA	TUBERCULOSIS COMPLEX	
	NEISSERIA MENINGITIDIS	
	OMSK HAEMORRHAGIC FEVER VIRUS	

Statutory Notifications of causative agents, grouped by root organism, with totals for the current week compared to the previous five.

Week notification received	202124	202125	202126	202127	202128	202129
<b>BACILLUS</b>						
BACILLUS CEREUS	28	19	18	13	28	25
<b>BORDETELLA</b>						
BORDETELLA PERTUSSIS	1	1	-	-	-	-
<b>BORRELIA</b>						
BORRELIA BURGDORFERI	22	18	30	22	25	31
BORRELIA SP	-	-	-	1	1	-
<b>BRUCELLA</b>						
BRUCELLA MELITENSIS	-	-	1	-	-	-
BRUCELLA SP	1	-	-	-	1	-
<b>CAMPYLOBACTER</b>						
CAMPYLOBACTER COLI	33	37	38	38	51	25
CAMPYLOBACTER GRACILIS	-	1	-	-	1	-
CAMPYLOBACTER JEJUNI	606	522	420	396	450	258
CAMPYLOBACTER LARI	3	1	1	-	2	1
CAMPYLOBACTER OTHER NAMED	-	1	1	-	-	-
CAMPYLOBACTER RECTUS	-	1	-	-	-	-
CAMPYLOBACTER SP	1345	1340	1209	1196	1071	1007
CAMPYLOBACTER UPSALIENSIS	-	-	1	2	1	1
CAMPYLOBACTER UREOLYTICUS (BACTEROIDES CORRODENS)	2	-	-	-	-	1
<b>CHIKUNGUNYA VIRUS</b>						
CHIKUNGUNYA VIRUS	-	1	-	-	-	-
<b>CLOSTRIDIUM</b>						
CLOSTRIDIUM PERFRINGENS	118	83	92	101	110	54
CLOSTRIDIUM TETANI	-	-	-	-	1	-
<b>CORONAVIRUS</b>						
CORONAVIRUS	56	43	43	46	37	46
HUMAN CORONAVIRUS 229E	-	-	-	1	1	-
SARS CORONAVIRUS	8	-	-	-	-	1
SARS-COV-2 ANTIBODY INDETERMINATE	172	118	64	86	86	78

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SARS-COV-2 ANTIBODY VOID	11	15	8	421	35	100
SARS-CoV-2 CORONAVIRUS (Covid-19)	56705	91859	145352	197828	288959	225289
SARS-CoV-2 CORONAVIRUS (Covid-19) INDETERMINATE	1069	1172	1385	1629	1965	2071
SARS-COV-2 IGG ANTIBODY NEGATIVE	2734	2319	1884	2096	1824	2153
SARS-COV-2 IGG ANTIBODY POSITIVE	3328	3344	2535	2549	2478	2564
SARS-COV-2 IGM ANTIBODY NEGATIVE	66	117	103	94	89	137
SARS-COV-2 IGM ANTIBODY POSITIVE	8	13	17	19	11	23
SARS-COV-2 TOTAL ANTIBODY NEGATIVE	58166	3041	4875	9807	4007	3630
SARS-COV-2 TOTAL ANTIBODY POSITIVE	40270	2708	3827	6988	2650	2360
<b>CORYNEBACTERIUM</b>						
CORYNEBACTERIUM DIPHTHERIAE	-	1	-	1	1	-
CORYNEBACTERIUM ULCERANS	-	2	-	-	-	-
<b>CRYPTOSPORIDIUM</b>						
CRYPTOSPORIDIUM HOMINIS	-	1	-	-	-	-
CRYPTOSPORIDIUM PARVUM	29	25	17	21	17	5
CRYPTOSPORIDIUM SP	19	28	28	12	28	39
<b>ENTAMOEBA</b>						
ENTAMOEBA HISTOLYTICA	-	1	7	1	2	-
<b>ESCHERICHIA</b>						
ESCHERICHIA COLI O 157	9	11	10	13	8	13
<b>FLAVIVIRUSES</b>						
DENGUE VIRUS	1	-	-	1	-	-
<b>HAEMOPHILUS</b>						
HAEMOPHILUS INFLUENZAE	35	25	33	32	34	34

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<b>HEPATITIS VIRUSES</b>						
HEPATITIS A	10	3	14	6	9	5
HEPATITIS B	180	138	142	148	158	137
HEPATITIS C	326	376	274	319	352	285
HEPATITIS D	2	-	2	-	1	2
HEPATITIS E	20	14	24	26	14	23
<b>INFLUENZA VIRUS</b>						
INFLUENZA A	10	10	7	9	15	16
INFLUENZA B	8	7	7	10	13	19
<b>LEGIONELLA</b>						
LEGIONELLA LONGBEACHAE	-	-	1	1	-	-
LEGIONELLA PNEUMOPHILA	2	-	8	5	2	2
LEGIONELLA SP	-	-	2	5	3	6
<b>LISTERIA</b>						
LISTERIA MONOCYTOGENES	2	1	3	4	27	15
<b>MYCOBACTERIUM</b>						
MYCOBACTERIUM TUBERCULOSIS	73	72	58	68	47	37
<b>NEISSERIA</b>						
NEISSERIA MENINGITIDIS	-	4	6	4	4	4
<b>PARAMYXOVIRUSES</b>						
MEASLES VIRUS	-	-	1	1	-	1
MUMPS VIRUS	1	-	-	1	-	1
<b>PLASMODIUM</b>						
PLASMODIUM FALCIPARUM	46	1	6	1	4	-
PLASMODIUM MALARIAE	1	-	-	-	-	-
PLASMODIUM OVALE	5	-	-	-	-	-
PLASMODIUM VIVAX	3	-	-	-	1	-
<b>POLYOMAVIRUS</b>						
POLYOMAVIRUS BK	21	28	32	25	32	35
POLYOMAVIRUS JC	3	1	2	3	3	2

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<b>RUBELLA VIRUS</b>						
RUBELLA VIRUS	-	1	3	2	-	3
<b>SALMONELLA</b>						
OTHER SALMONELLAS	32	43	24	25	12	18
SALMONELLA ENTERICA	6	-	-	-	-	-
SALMONELLA ENTERITIDIS	13	12	10	13	-	-
SALMONELLA INFANTIS	10	13	11	11	-	-
SALMONELLA NEWPORT	-	5	-	-	-	-
SALMONELLA SP	7	12	32	73	94	90
SALMONELLA TYPHIMURIUM	24	14	15	18	9	-
<b>SHIGELLA</b>						
SHIGELLA FLEXNERI	7	7	7	5	3	1
SHIGELLA SONNEI	1	2	-	-	2	1
SHIGELLA SP	12	6	9	12	8	12
<b>STREPTOCOCCUS</b>						
STREPTOCOCCUS GROUP A	24	16	16	21	18	13
STREPTOCOCCUS PNEUMONIAE	61	49	65	57	62	52

Statutory Notifications of causative agents, grouped by root organism, with totals for the current week compared to the previous five.

Carbapenemase-producing Enterobacterales (CPE)\*

*Please note: The numbers presented here do not include specimens that have been referred to the AMRHAI Reference Unit*

Week notification received		202124	202125	202126	202127	202128	202129
<b>CITROBACTER</b>							
CITROBACTER SPP	IMP	-	-	2	1	-	-
	KPC	2	-	2	2	1	-
	NDM	1	-	1	-	2	-
	OXA48	-	-	1	1	-	-
<b>ENTEROBACTER</b>							
ENTEROBACTER CLOACAE COMPLEX	IMP	-	1	-	-	-	-
	KPC	2	-	2	3	6	1
	NDM	-	1	2	2	1	-
	OXA48	1	1	-	1	1	-
OTHER ENTEROBACTER SPP	IMP	-	1	-	-	-	-
	KPC	1	-	-	-	-	-
<b>ESCHERICHIA</b>							
ESCHERICHIA COLI	KPC	10	4	4	3	6	4
	NDM	2	1	2	1	6	4
	OXA48	3	2	4	3	1	-
	OTHER	-	-	-	-	2	-

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Week notification received		202124	202125	202126	202127	202128	202129
<b>KLEBSIELLA</b>							
KLEBSIELLA AEROGENES	IMP	-	-	-	1	-	-
	OXA48	-	-	1	-	-	-
KLEBSIELLA OXYTOCA	KPC	-	-	1	1	-	-
	OXA48	-	1	2	-	-	-
	VIM	-	-	1	-	-	-
KLEBSIELLA PNEUMONIAE	KPC	3	3	3	2	2	1
	NDM	1	1	2	1	3	1
	OXA48	4	5	1	4	5	3
KLEBSIELLA SEROGENES	KPC	-	-	-	1	-	-
KLEBSIELLA VARIICOLA	OXA48	-	-	-	1	-	-
OTHER KLEBSIELLA SPP	IMP	-	-	1	-	-	-
<b>RAOULTELLA</b>							
RAOULTELLA ORNITHINOLYTICA	KPC	-	1	-	1	-	-
<b>SERRATIA</b>							
SERRATIA MARCESCENS/UREILYTICA	NDM	-	-	-	1	1	-
	OXA48	-	-	1	-	-	-

Statutory Notifications of causative agents, grouped by root organism, with totals for the current week compared to the previous five.

Other carbapenemase-producing Gram-negative organisms\*

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Week notification received		202124	202125	202126	202127	202128	202129
<b>ACINETOBACTER</b>							
ACINETOBACTER BAUMANNII	OTHER	-	-	-	-	1	-
<b>PSEUDOMONAS</b>							
PSEUDOMONAS AERUGINOSA	NDM	1	2	-	-	1	-
	VIM	-	-	1	-	-	-
	OTHER	-	1	1	1	-	1
PSEUDOMONAS PUTIDA GROUP	VIM	-	-	1	-	-	-
OTHER PSEUDOMONAS SPP	OTHER	-	-	-	1	-	-
<b>OTHER</b>							
	KPC	-	-	-	-	1	-
	OXA48	-	-	-	1	-	-

*\*for all Carbapenemase-producing Gram-negative organisms, the reports are de-duplicated by first mention of organism species and resistance mechanism by person in a rolling 52-week period*