



UK Health  
Security  
Agency

# NOIDs Weekly Report

## STATUTORY NOTIFICATION OF INFECTIOUS DISEASES

### CAUSATIVE AGENTS

2021/40

WEEK ENDING: 10/10/2021

Laboratories in England have a statutory duty to notify the UK Health Security Agency 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-	HEPATITIS C	RUBELLA VIRUS
PRODUCING GRAM-	HEPATITIS D	SABIA VIRUS
NEGATIVE ORGANISMS	HEPATITIS E	SALMONELLA SPP
CHIKUNGUNYA VIRUS	INFLUENZA VIRUS	SARS CORONAVIRUS
CHLAMYDOPHILA PSITTACI	JUNIN VIRUS	SHIGELLA SPP
CLOSTRIDIUM BOTULINUM	KYASANUR FOREST	STREPTOCOCCUS GROUP
CLOSTRIDIUM	DISEASE	A (INVASIVE)
PERFRINGENS	LASSA VIRUS	STREPTOCOCCUS
CLOSTRIDIUM TETANI	LEGIONELLA SPP	PNEUMONIAE (INVASIVE)
CORYNEBACTERIUM	LEPTOSPIRA	VARICELLA ZOSTER VIRUS
DIPHTHERIAE	INTERROGANS	VARIOLA VIRUS
CORYNEBACTERIUM	LISTERIA	VIBRIO CHOLERAЕ
ULCERANS	MONOCYTOGENES	WEST NILE VIRUS
COXIELLA BURNETII	MACHUPO VIRUS	YELLOW FEVER VIRUS
CRIMEAN-CONGO	MARBURG VIRUS	YERSINIA PESTIS
HAEMORRHAGIC FEVER	MEASLES VIRUS	
VIRUS	MUMPS VIRUS	
CRYPTOSPORIDIUM SPP	MYCOBACTERIUM	
DENGUE VIRUS	TUBERCULOSIS COMPLEX	
EBOLA VIRUS	NEISSERIA MENINGITIDIS	
ENTAMOEBА HISTOLYTICA		
	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	202135	202136	202137	202138	202139	202140
<b>BACILLUS</b>						
BACILLUS CEREUS	24	22	27	14	18	19
<b>BORDETELLA</b>						
BORDETELLA PERTUSSIS	1	-	-	-	1	-
<b>BORRELIA</b>						
BORRELIA BURGDORFERI	16	19	25	29	28	19
<b>BRUCELLA</b>						
BRUCELLA SP	-	1	-	1	-	-
<b>CAMPYLOBACTER</b>						
CAMPYLOBACTER COLI	30	44	38	46	34	18
CAMPYLOBACTER CURVUS	1	-	-	-	-	-
CAMPYLOBACTER FETUS	-	-	-	-	1	-
CAMPYLOBACTER JEJUNI	273	294	288	288	226	182
CAMPYLOBACTER LARI	-	-	1	-	-	-
CAMPYLOBACTER RECTUS	-	-	-	-	1	-
CAMPYLOBACTER SP	744	866	1000	854	785	803
CAMPYLOBACTER UPSALIENSIS	1	-	1	1	-	2
CAMPYLOBACTER UREOLYTICUS (BACTEROIDES CORRODENS)	1	1	-	-	-	-
<b>CHIKUNGUNYA VIRUS</b>						
CHIKUNGUNYA VIRUS	-	-	1	-	-	-
<b>CLOSTRIDIUM</b>						
CLOSTRIDIUM PERFRINGENS	26	22	24	34	25	16
<b>CORONAVIRUS</b>						
CORONAVIRUS	29	47	52	56	48	49
HUMAN CORONAVIRUS 229E	1	-	-	-	-	-
SARS CORONAVIRUS	-	-	-	-	1	-
SARS-COV- SPIKE PROTEIN TOTAL ANTIBODY NEGATIVE	-	-	-	1	4	2
SARS-COV- SPIKE PROTEIN TOTAL ANTIBODY POSITIVE	-	-	-	4	5	14
SARS-COV-2 ANTIBODY INDETERMINATE	69	98	218	120	101	150

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SARS-COV-2 ANTIBODY VOID	75	2332	56	97	98	4250
SARS-CoV-2 CORONAVIRUS (Covid-19)	187303	171136	155575	186218	190778	216970
SARS-CoV-2 CORONAVIRUS (Covid-19) INDETERMINATE	4860	4681	5767	4372	4541	4240
SARS-COV-2 IGA ANTIBODY NEGATIVE	1	2	-	1	2	-
SARS-COV-2 IGA ANTIBODY POSITIVE	-	-	-	-	1	-
SARS-COV-2 IGG ANTIBODY NEGATIVE	1577	4425	2070	1682	1683	1977
SARS-COV-2 IGG ANTIBODY POSITIVE	2204	2738	2564	3300	4129	3862
SARS-COV-2 IGM ANTIBODY NEGATIVE	42	41	37	20	16	23
SARS-COV-2 IGM ANTIBODY POSITIVE	9	15	4	1	4	1
SARS-COV-2 TOTAL ANTIBODY NEGATIVE	16440	41258	3721	3643	15366	34009
SARS-COV-2 TOTAL ANTIBODY POSITIVE	17696	10789	5990	3643	7975	11395
<b>CORYNEBACTERIUM</b>						
CORYNEBACTERIUM DIPHTHERIAE	-	-	1	1	1	-
CORYNEBACTERIUM ULCERANS	-	1	-	-	-	-
<b>CRYPTOSPORIDIUM</b>						
CRYPTOSPORIDIUM HOMINIS	-	1	4	2	1	-
CRYPTOSPORIDIUM PARVUM	26	40	36	28	32	9
CRYPTOSPORIDIUM SP	18	34	41	27	47	60
CRYPTOSPORIDIUM UBIQUITUM	-	-	-	1	-	-
<b>ENTAMOEBA</b>						
ENTAMOEBA HISTOLYTICA	1	-	9	1	-	1
<b>ESCHERICHIA</b>						
ESCHERICHIA COLI O 157	10	9	13	12	9	10
<b>FLAVIVIRUSES</b>						
DENGUE VIRUS	-	-	-	1	-	-
<b>HAEMOPHILUS</b>						
HAEMOPHILUS INFLUENZAE	31	30	28	40	39	34

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<b>HEPATITIS VIRUSES</b>						
HEPATITIS A	4	11	17	10	8	9
HEPATITIS B	117	106	123	125	127	118
HEPATITIS C	265	278	309	356	408	282
HEPATITIS D	1	3	-	2	-	-
HEPATITIS E	16	17	21	17	8	18
<b>INFLUENZA VIRUS</b>						
INFLUENZA A	27	24	40	75	155	156
INFLUENZA B	20	16	20	51	68	84
INFLUENZA INDETERMINATE	-	-	-	1	-	-
INFLUENZA UNGROUPED	-	-	-	-	6	3
<b>LEGIONELLA</b>						
LEGIONELLA PNEUMOPHILA	4	8	4	1	4	2
LEGIONELLA SP	1	2	2	4	6	5
<b>LISTERIA</b>						
LISTERIA MONOCYTOGENES	3	5	1	3	10	5
<b>MYCOBACTERIUM</b>						
MYCOBACTERIUM TUBERCULOSIS	59	59	70	53	50	26
<b>NEISSERIA</b>						
NEISSERIA MENINGITIDIS	10	9	4	8	9	2
<b>PARAMYXOVIRUSES</b>						
MEASLES VIRUS	1	-	-	-	-	-
MUMPS VIRUS	-	-	1	2	-	-
<b>PLASMODIUM</b>						
PLASMODIUM FALCIPARUM	3	4	7	6	1	-
PLASMODIUM MALARIAE	-	-	1	-	-	-
PLASMODIUM OVALE	-	-	1	-	-	-
PLASMODIUM VIVAX	-	1	-	-	-	-
<b>POLYOMAVIRUS</b>						
POLYOMAVIRUS BK	20	35	27	34	34	25
POLYOMAVIRUS JC	-	3	-	6	2	1

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<b>RICKETTSIA</b>						
RICKETTSIA SP	-	-	-	1	-	-
<b>RUBELLA VIRUS</b>						
RUBELLA VIRUS	2	4	1	2	2	1
<b>SALMONELLA</b>						
OTHER SALMONELLAS	39	43	43	28	17	26
SALMONELLA ENTERICA	7	-	-	-	-	-
SALMONELLA ENTERITIDIS	30	17	19	15	7	12
SALMONELLA INFANTIS	72	37	44	17	-	21
SALMONELLA SP	15	29	28	57	98	100
SALMONELLA TYPHI AND PARATYPHI	5	-	14	8	11	5
SALMONELLA TYPHIMURIUM	58	70	54	34	8	46
<b>SHIGELLA</b>						
SHIGELLA FLEXNERI	5	11	8	1	7	8
SHIGELLA SONNEI	3	2	6	3	2	3
SHIGELLA SP	17	12	29	15	17	18
<b>STREPTOCOCCUS</b>						
STREPTOCOCCUS GROUP A	13	15	15	16	8	11
STREPTOCOCCUS PNEUMONIAE	53	63	44	66	59	95
<b>VIBRIO</b>						
VIBRIO CHOLERAE	-	1	-	-	-	1

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Carbapenemase-producing  
Enterobacterales (CPE)\*

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

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<b>CITROBACTER</b>							
CITROBACTER SPP	IMP	-	-	-	1	-	-
	KPC	1	-	-	1	-	-
	NDM	-	-	1	-	-	-
	OXA48	1	2	-	4	-	-
<b>ENTEROBACTER</b>							
ENTEROBACTER CLOACAE COMPLEX	IMP	1	-	-	-	-	-
	KPC	6	5	6	4	3	-
	NDM	2	1	2	-	-	-
	OXA48	2	4	6	6	-	-
	VIM	-	-	1	-	-	-
	OTHER	-	-	1	-	-	-
<b>ESCHERICHIA</b>							
ESCHERICHIA COLI	IMP	-	1	1	-	-	-
	KPC	2	1	-	1	-	-
	NDM	2	1	1	2	4	1
	OXA48	3	6	4	-	7	1
	OTHER	1	-	-	-	-	-
<b>KLEBSIELLA</b>							
KLEBSIELLA AEROGENES	NDM	-	-	-	-	1	-
KLEBSIELLA OXYTOCA	OXA48	1	-	2	-	-	-
KLEBSIELLA PNEUMONIAE	KPC	1	5	5	5	2	-
	NDM	8	1	2	3	2	-
	OXA48	4	4	4	2	3	-
	OTHER	-	1	-	-	-	-
KLEBSIELLA VARIICOLA	KPC	1	-	-	-	-	-
OTHER KLEBSIELLA SPP	NDM	-	1	-	-	-	-
	OXA48	1	-	-	-	-	-
<b>MORGANELLA</b>							
MORGANELLA MORGANII	OXA48	1	-	-	-	-	-
<b>PROTEUS</b>							
PROTEUS MIRABILIS	OXA48	1	1	-	-	-	-

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



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		202135	202136	202137	202138	202139	202140
<b>ACINETOBACTER</b>							
ACINETOBACTER BAUMANNII	NDM	3	-	-	-	1	-
	OTHER	-	1	-	-	-	-
ACINETOBACTER CALCOACETICUS/BAUMANNII COMPLEX	NDM	-	-	-	1	-	-
<b>PSEUDOMONAS</b>							
PSEUDOMONAS AERUGINOSA	NDM	-	1	-	-	1	-
	VIM	-	-	-	1	-	-
	OTHER	-	2	-	1	1	-
PSEUDOMONAS PUTIDA GROUP	OTHER	-	-	1	-	-	-
OTHER PSEUDOMONAS SPP	OTHER	-	-	-	-	1	-
<b>OTHER</b>							
	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*