



UK Health  
Security  
Agency

# NOIDs Weekly Report

## STATUTORY NOTIFICATION OF INFECTIOUS DISEASES

### CAUSATIVE AGENTS

2021/44

WEEK ENDING: 07/11/2021

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	202139	202140	202141	202142	202143	202144
<b>ARBOVIRUSES</b>						
WEST NILE VIRUS	-	-	1	-	-	-
<b>BACILLUS</b>						
BACILLUS CEREUS	18	20	21	16	18	17
<b>BORDETELLA</b>						
BORDETELLA PERTUSSIS	1	-	1	-	1	1
<b>BORRELIA</b>						
BORRELIA BURGDORFERI	28	20	28	25	15	22
<b>CAMPYLOBACTER</b>						
CAMPYLOBACTER COLI	34	26	33	53	31	35
CAMPYLOBACTER FETUS	1	-	-	-	1	-
CAMPYLOBACTER HELVETICUS	-	-	1	-	-	-
CAMPYLOBACTER JEJUNI	228	236	222	270	213	194
CAMPYLOBACTER RECTUS	1	-	-	-	-	-
CAMPYLOBACTER SP	794	785	884	851	802	820
CAMPYLOBACTER UPSALIENSIS	-	2	-	-	2	1
CAMPYLOBACTER UREOLYTICUS (BACTEROIDES CORRODENS)	-	-	1	1	-	-
<b>CLOSTRIDIUM</b>						
CLOSTRIDIUM PERFRINGENS	25	21	28	27	26	13
<b>CORONAVIRUS</b>						
CORONAVIRUS	49	53	75	93	99	65
SARS CORONAVIRUS	1	-	1	-	15	-
SARS-COV-2 ANTIBODY INDETERMINATE	101	152	144	117	124	118
SARS-COV-2 ANTIBODY VOID	98	4252	176	116	104	5261
SARS-CoV-2 CORONAVIRUS (Covid-19)	190767	215308	259486	268768	236528	170178
SARS-CoV-2 CORONAVIRUS (Covid-19) INDETERMINATE	4581	4290	4147	5082	4005	2913
SARS-COV-2 IGA ANTIBODY NEGATIVE	2	1	2	-	-	-
SARS-COV-2 IGA ANTIBODY POSITIVE	1	-	1	1	-	-

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SARS-COV-2 IGG ANTIBODY NEGATIVE	1695	1989	2197	1875	1830	1783
SARS-COV-2 IGG ANTIBODY POSITIVE	4150	3891	3535	4271	4144	3355
SARS-COV-2 IGM ANTIBODY NEGATIVE	16	23	14	13	25	7
SARS-COV-2 IGM ANTIBODY POSITIVE	4	1	-	4	3	4
SARS-COV-2 TOTAL ANTIBODY NEGATIVE	15380	34027	34404	3763	4441	37736
SARS-COV-2 TOTAL ANTIBODY POSITIVE	7982	11436	36601	5842	5433	29900
<b>CORYNEBACTERIUM</b>						
CORYNEBACTERIUM DIPHTHERIAE	1	-	-	-	-	-
CORYNEBACTERIUM ULCERANS	-	-	1	-	1	-
<b>COXIELLA</b>						
COXIELLA BURNETII	-	-	-	-	-	1
<b>CRYPTOSPORIDIUM</b>						
CRYPTOSPORIDIUM HOMINIS	2	1	1	4	-	-
CRYPTOSPORIDIUM PARVUM	44	40	37	47	35	9
CRYPTOSPORIDIUM SP	35	30	28	24	43	83
<b>ENTAMOEBA</b>						
ENTAMOEBA HISTOLYTICA	-	1	3	1	-	-
<b>ESCHERICHIA</b>						
ESCHERICHIA COLI O 157	9	15	12	5	8	3
<b>FLAVIVIRUSES</b>						
DENGUE VIRUS	1	-	2	-	-	2
<b>HAEMOPHILUS</b>						
HAEMOPHILUS INFLUENZAE	39	40	45	57	35	47
<b>HEPATITIS VIRUSES</b>						
HEPATITIS A	8	10	10	5	3	2
HEPATITIS B	139	133	142	136	135	116
HEPATITIS C	425	303	413	349	365	317
HEPATITIS D	-	-	1	1	-	1
HEPATITIS E	9	18	33	27	20	19

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<b>INFLUENZA VIRUS</b>						
INFLUENZA A	156	174	158	194	107	87
INFLUENZA B	68	99	105	155	85	70
INFLUENZA INDETERMINATE	-	-	-	1	-	1
INFLUENZA UNGROUPED	6	3	1	4	4	5
<b>LEGIONELLA</b>						
LEGIONELLA LONGBEACHAE	-	-	-	1	-	-
LEGIONELLA PNEUMOPHILA	4	3	3	8	2	3
LEGIONELLA SP	6	4	3	2	-	1
<b>LISTERIA</b>						
LISTERIA MONOCYTOGENES	10	6	5	6	7	4
<b>MYCOBACTERIUM</b>						
MYCOBACTERIUM TUBERCULOSIS	60	46	51	48	43	31
<b>NEISSERIA</b>						
NEISSERIA MENINGITIDIS	9	2	12	8	15	10
<b>PARAMYXOVIRUSES</b>						
MEASLES VIRUS	-	-	-	1	2	-
MUMPS VIRUS	-	-	-	1	-	-
<b>PLASMODIUM</b>						
PLASMODIUM FALCIPARUM	1	-	11	2	1	3
PLASMODIUM MALARIAE	-	-	-	1	-	-
<b>POLYOMAVIRUS</b>						
POLYOMAVIRUS BK	35	25	29	30	28	34
POLYOMAVIRUS JC	2	1	4	1	6	-
<b>RICKETTSIA</b>						
RICKETTSIA SP	-	-	1	-	-	-
<b>RUBELLA VIRUS</b>						
RUBELLA VIRUS	2	1	2	3	-	1
<b>SALMONELLA</b>						
OTHER SALMONELLAS	43	54	30	11	17	16
SALMONELLA ENTERICA	-	-	6	-	-	-

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SALMONELLA ENTERITIDIS	22	35	21	5	9	-
SALMONELLA INFANTIS	10	27	14	-	5	-
SALMONELLA NEWPORT	-	5	-	-	-	-
SALMONELLA SP	11	17	36	66	66	84
SALMONELLA TYPHI AND PARATYPHI	11	6	-	-	-	-
SALMONELLA TYPHIMURIUM	45	69	43	9	22	-
<b>SHIGELLA</b>						
SHIGELLA BOYDII	-	-	-	-	1	1
SHIGELLA DYSENTERIAE	-	-	-	1	-	1
SHIGELLA FLEXNERI	10	14	15	4	6	3
SHIGELLA SONNEI	5	5	3	-	6	2
SHIGELLA SP	12	12	15	24	21	27
<b>STREPTOCOCCUS</b>						
STREPTOCOCCUS GROUP A	8	13	16	15	27	11
STREPTOCOCCUS PNEUMONIAE	59	99	82	102	84	90
<b>VIBRIO</b>						
VIBRIO CHOLERAЕ	-	1	-	-	-	-

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*

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

Week notification received		202139	202140	202141	202142	202143
<b>CITROBACTER</b>						
CITROBACTER SPP	KPC	-	2	1	1	1
	NDM	-	-	1	1	-
	OXA48	1	1	2	-	-
	VIM	-	1	-	-	-
<b>ENTEROBACTER</b>						
ENTEROBACTER CLOACAE COMPLEX	IMP	-	1	1	-	-
	KPC	3	1	1	3	1
	NDM	-	3	3	2	-
	OXA48	18	5	8	4	2
	VIM	-	1	-	-	1
<b>ESCHERICHIA</b>						
ESCHERICHIA COLI	KPC	-	-	6	3	1
	NDM	5	2	1	2	2
	OXA48	9	3	7	3	5
<b>KLEBSIELLA</b>						
KLEBSIELLA AEROGENES	NDM	1	-	-	-	-
KLEBSIELLA OXYTOCA	KPC	-	-	1	-	-
	OXA48	1	-	1	1	-
	VIM	-	-	-	-	1
KLEBSIELLA PNEUMONIAE	IMP	1	-	-	-	-
	KPC	3	2	2	3	4
	NDM	2	2	5	4	6
	OXA48	3	3	4	4	4
	VIM	-	-	-	1	-
	OTHER	1	-	1	1	-
KLEBSIELLA VARIICOLA	KPC	-	-	1	-	1
	OXA48	-	-	-	-	1
<b>MORGANELLA</b>						
MORGANELLA MORGANII	OTHER	-	-	-	-	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		202139	202140	202141	202142	202143	202144
<b>ACINETOBACTER</b>							
ACINETOBACTER BAUMANNII	NDM	1	-	-	-	-	-
OTHER ACINETOBACTER SPP	NDM	-	-	-	1	-	-
	OTHER	-	-	-	1	-	-
<b>PSEUDOMONAS</b>							
PSEUDOMONAS AERUGINOSA	IMP	1	-	-	-	-	-
	NDM	1	-	1	-	-	-
	VIM	-	-	1	2	-	-
	OTHER	2	1	1	1	2	-
PSEUDOMONAS NITROREDUCENS	NDM	-	1	-	-	-	-
	VIM	-	1	-	-	-	-
PSEUDOMONAS PUTIDA GROUP	VIM	-	-	1	-	-	-
PSEUDOMONAS TAETROLENS	OTHER	-	-	-	-	1	-
OTHER PSEUDOMONAS SPP	OTHER	1	-	-	-	-	-
<b>OTHER</b>							
	OXA48	1	1	-	-	1	-
	OTHER	-	-	-	-	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*