



**Public Health  
England**

## **NOIDs Weekly Report**

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

#### **CAUSATIVE AGENTS**

**2021/32**

**WEEK ENDING: 15/08/2021**

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.

<b>Week notification received</b>	<b>202127</b>	<b>202128</b>	<b>202129</b>	<b>202130</b>	<b>202131</b>	<b>202132</b>
<b>BACILLUS</b>						
BACILLUS CEREUS	13	28	28	38	23	17
<b>BORRELIA</b>						
BORRELIA BURGENDORFERI	22	25	34	41	26	31
BORRELIA SP	1	1	-	-	1	1
<b>BRUCELLA</b>						
BRUCELLA SP	-	1	-	1	-	-
<b>CAMPYLOBACTER</b>						
CAMPYLOBACTER COLI	38	51	29	34	37	24
CAMPYLOBACTER FETUS	-	1	-	-	-	1
CAMPYLOBACTER GRACILIS	-	1	-	-	-	-
CAMPYLOBACTER JEJUNI	411	461	302	307	362	265
CAMPYLOBACTER LARI	-	2	1	-	1	-
CAMPYLOBACTER SP	1196	1076	991	1098	994	1000
CAMPYLOBACTER UPSALIENSIS	2	1	1	1	-	1
CAMPYLOBACTER UREOLYTICUS (BACTEROIDES CORRODENS)	-	1	1	-	-	-
<b>CHIKUNGUNYA VIRUS</b>						
CHIKUNGUNYA VIRUS	-	-	-	1	-	-
<b>CLOSTRIDIUM</b>						
CLOSTRIDIUM PERFRINGENS	101	111	59	37	28	31
CLOSTRIDIUM TETANI	-	1	-	-	-	-
<b>CORONAVIRUS</b>						
CORONAVIRUS	46	37	46	44	28	31
HUMAN CORONAVIRUS 229E	1	1	-	-	-	-
SARS CORONAVIRUS	-	-	1	2	-	1
SARS-COV-2 ANTIBODY INDETERMINATE	86	86	78	60	293	100
SARS-COV-2 ANTIBODY VOID	421	35	100	16	98	2357
SARS-CoV-2 CORONAVIRUS (Covid-19)	197823	288949	224628	160737	170069	175043
SARS-CoV-2 CORONAVIRUS (Covid-19) INDETERMINATE	1677	1991	2103	2279	2174	2516

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SARS-COV-2 IGG ANTIBODY NEGATIVE	2488	2225	2618	2018	1875	4558
SARS-COV-2 IGG ANTIBODY POSITIVE	3619	3665	3813	3958	3095	9395
SARS-COV-2 IGM ANTIBODY NEGATIVE	94	89	137	571	218	243
SARS-COV-2 IGM ANTIBODY POSITIVE	19	11	23	135	116	49
SARS-COV-2 TOTAL ANTIBODY NEGATIVE	9814	4017	3647	3819	18611	58272
SARS-COV-2 TOTAL ANTIBODY POSITIVE	6995	2652	2363	3358	9185	19206
<b>CORYNEBACTERIUM</b>						
CORYNEBACTERIUM DIPHTHERIAE	1	1	-	-	-	-
CORYNEBACTERIUM ULCERANS	-	-	-	-	-	1
<b>CRYPTOSPORIDIUM</b>						
CRYPTOSPORIDIUM PARVUM	21	19	20	17	30	6
CRYPTOSPORIDIUM SP	12	26	24	28	28	45
<b>ENTAMOEBIA</b>						
ENTAMOEBIA HISTOLYTICA	1	2	-	-	8	6
<b>ESCHERICHIA</b>						
ESCHERICHIA COLI O 157	13	8	14	17	12	14
<b>FLAVIVIRUSES</b>						
DENGUE VIRUS	1	-	-	-	-	-
<b>HAEMOPHILUS</b>						
HAEMOPHILUS INFLUENZAE	35	34	41	43	25	31
<b>HEPATITIS VIRUSES</b>						
HEPATITIS A	6	9	6	4	6	6
HEPATITIS B	151	170	155	140	108	118
HEPATITIS C	367	398	352	396	282	454
HEPATITIS D	-	1	2	5	1	3
HEPATITIS E	27	15	23	21	25	17
<b>INFLUENZA VIRUS</b>						
INFLUENZA A	9	15	16	15	18	20
INFLUENZA B	10	13	20	13	17	17

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<b>LEGIONELLA</b>						
LEGIONELLA LONGBEACHAE	1	-	-	-	1	-
LEGIONELLA OTHER NAMED	-	-	-	-	-	1
LEGIONELLA PNEUMOPHILA	5	2	3	6	3	6
LEGIONELLA SP	5	3	5	6	1	3
<b>LISTERIA</b>						
LISTERIA MONOCYTOGENES	4	27	15	1	4	4
<b>MYCOBACTERIUM</b>						
MYCOBACTERIUM TUBERCULOSIS	78	68	47	84	68	57
<b>NEISSERIA</b>						
NEISSERIA MENINGITIDIS	4	4	4	9	13	10
<b>PARAMYXOVIRUSES</b>						
MEASLES VIRUS	1	-	1	5	-	-
MUMPS VIRUS	1	-	2	6	1	-
<b>PLASMODIUM</b>						
PLASMODIUM FALCIPARUM	1	4	-	-	10	2
PLASMODIUM MALARIAE	-	-	-	-	-	1
PLASMODIUM OVALE	-	-	-	-	-	1
PLASMODIUM VIVAX	-	1	-	-	-	-
<b>POLYOMAVIRUS</b>						
POLYOMAVIRUS BK	25	33	35	34	30	28
POLYOMAVIRUS JC	3	3	2	3	3	3
<b>RUBELLA VIRUS</b>						
RUBELLA VIRUS	2	-	3	2	6	-

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<b>SALMONELLA</b>						
OTHER SALMONELLAS	39	36	35	21	13	26
SALMONELLA ENTERICA	6	-	-	-	-	-
SALMONELLA ENTERITIDIS	20	15	12	10	-	-
SALMONELLA INFANTIS	19	18	15	14	-	-
SALMONELLA NEWPORT	-	-	5	-	-	-
SALMONELLA SP	30	10	20	88	119	114
SALMONELLA TYPHI AND PARATYPHI	-	-	6	-	-	10
SALMONELLA TYPHIMURIUM	27	35	19	23	6	9
<b>SHIGELLA</b>						
SHIGELLA FLEXNERI	5	6	2	5	1	6
SHIGELLA SONNEI	-	3	1	-	2	1
SHIGELLA SP	12	5	11	10	15	12
<b>STREPTOCOCCUS</b>						
STREPTOCOCCUS GROUP A	21	17	13	8	12	11
STREPTOCOCCUS PNEUMONIAE	58	64	55	65	43	44

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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*

Week notification received		202127	202128	202129	202130	202131	202132
<b>CITROBACTER</b>							
CITROBACTER SPP	IMP	1	-	-	-	-	-
	KPC	2	1	-	-	-	-
	NDM	-	2	1	-	1	1
	OXA48	1	1	1	1	-	-
<b>ENTEROBACTER</b>							
ENTEROBACTER CLOACAE COMPLEX	KPC	3	6	2	2	1	-
	NDM	2	1	-	2	2	-
	OXA48	1	2	1	2	2	-
	OTHER	-	-	1	-	-	-
<b>ESCHERICHIA</b>							
ESCHERICHIA COLI	KPC	4	6	9	-	3	2
	NDM	1	6	6	5	2	-
	OXA48	3	3	2	7	5	1
	OTHER	-	2	-	-	-	-
<b>HAFNIA</b>							
HAFNIA SPP	OXA48	-	-	-	1	-	-

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<b>KLEBSIELLA</b>								
KLEBSIELLA AEROGENES	IMP		1	-	1	-	-	-
KLEBSIELLA OXYTOCA	IMP		-	-	-	2	2	-
	KPC		1	-	2	-	-	-
	OXA48		-	-	-	-	1	-
KLEBSIELLA PNEUMONIAE	KPC		3	2	1	2	6	1
	NDM		2	4	2	3	2	2
	OXA48		4	5	6	5	5	1
KLEBSIELLA SEROGENES	IMP		-	-	1	-	-	-
	KPC		1	-	-	-	-	-
KLEBSIELLA VARIICOLA	KPC		-	-	-	-	1	-
	OXA48		1	-	-	-	-	-
OTHER KLEBSIELLA SPP	OXA48		1	-	-	-	-	-
<b>MORGANELLA</b>								
MORGANELLA MORGANII	NDM		-	-	-	-	1	-
<b>PANTOEA</b>								
PANTOEA AGGLOMERANS	KPC		-	-	1	-	-	-
<b>RAOULTELLA</b>								
RAOULTELLA ORNITHINOLYTICA	KPC		1	-	-	-	-	-
<b>SERRATIA</b>								
SERRATIA MARCESCENS/UREILYTICA	NDM		1	1	-	1	-	-
A	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		202127	202128	202129	202130	202131	202132
<b>ACINETOBACTER</b>							
ACINETOBACTER BAUMANNII	OTHER	-	1	-	-	-	-
ACINETOBACTER CALCOACETICUS/BAUMANNII COMPLEX	NDM	-	-	-	1	-	-
<b>PSEUDOMONAS</b>							
PSEUDOMONAS AERUGINOSA	IMP	-	-	-	-	1	-
	NDM	-	1	-	-	-	-
	VIM	-	-	-	-	1	-
	OTHER	1	2	3	2	3	-
PSEUDOMONAS PUTIDA GROUP	VIM	-	-	1	-	-	-
	OTHER	-	-	-	-	1	-
OTHER PSEUDOMONAS SPP	OTHER	1	-	-	-	-	-
<b>OTHER</b>							
	KPC	-	1	-	-	-	-
	NDM	-	-	-	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*