



**Public Health
England**

NOIDs Weekly Report

STATUTORY NOTIFICATION OF INFECTIOUS DISEASES

CAUSATIVE AGENTS

2021/31

WEEK ENDING: 08/08/2021

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.

Week notification received	202126	202127	202128	202129	202130	202131
BACILLUS						
BACILLUS CEREUS	18	13	28	28	35	19
BORRELIA						
BORRELIA BURGENDORFERI	30	22	25	34	41	26
BORRELIA SP	-	1	1	-	-	1
BRUCELLA						
BRUCELLA MELITENSIS	1	-	-	-	-	-
BRUCELLA SP	-	-	1	-	1	-
CAMPYLOBACTER						
CAMPYLOBACTER COLI	40	38	51	29	33	35
CAMPYLOBACTER FETUS	-	-	1	-	-	-
CAMPYLOBACTER GRACILIS	-	-	1	-	-	-
CAMPYLOBACTER JEJUNI	435	409	461	301	286	314
CAMPYLOBACTER LARI	1	-	2	1	-	-
CAMPYLOBACTER OTHER NAMED	1	-	-	-	-	-
CAMPYLOBACTER SP	1199	1197	1076	991	1100	1009
CAMPYLOBACTER UPSALIENSIS	1	2	1	1	1	-
CAMPYLOBACTER UREOLYTICUS (BACTEROIDES CORRODENS)	-	-	1	1	-	-
CHIKUNGUNYA VIRUS						
CHIKUNGUNYA VIRUS	-	-	-	-	1	-
CLOSTRIDIUM						
CLOSTRIDIUM PERFRINGENS	92	101	111	59	34	20
CLOSTRIDIUM TETANI	-	-	1	-	-	-
CORONAVIRUS						
CORONAVIRUS	43	46	37	46	44	28
HUMAN CORONAVIRUS 229E	-	1	1	-	-	-
SARS CORONAVIRUS	-	-	-	1	2	-
SARS-COV-2 ANTIBODY INDETERMINATE	64	86	86	78	60	293
SARS-COV-2 ANTIBODY VOID	8	421	35	100	16	98

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

Week notification received	202126	202127	202128	202129	202130	202131
SARS-CoV-2 CORONAVIRUS (Covid-19)	145340	197822	288961	224616	160702	170563
SARS-CoV-2 CORONAVIRUS (Covid-19) INDETERMINATE	1386	1672	1993	2098	2271	2151
SARS-COV-2 IGG ANTIBODY NEGATIVE	1924	2098	1824	2157	1554	1381
SARS-COV-2 IGG ANTIBODY POSITIVE	2542	2549	2479	2553	2874	2148
SARS-COV-2 IGM ANTIBODY NEGATIVE	103	94	89	137	571	218
SARS-COV-2 IGM ANTIBODY POSITIVE	17	19	11	23	135	116
SARS-COV-2 TOTAL ANTIBODY NEGATIVE	4883	9807	4008	3638	3808	18603
SARS-COV-2 TOTAL ANTIBODY POSITIVE	3894	6989	2651	2363	3356	9182
CORYNEBACTERIUM						
CORYNEBACTERIUM DIPHTHERIAE	-	1	1	-	-	-
CRYPTOSPORIDIUM						
CRYPTOSPORIDIUM PARVUM	17	21	19	20	16	9
CRYPTOSPORIDIUM SP	28	12	26	24	29	48
ENTAMOEBEA						
ENTAMOEBEA HISTOLYTICA	7	1	2	-	-	8
ESCHERICHIA						
ESCHERICHIA COLI O 157	10	13	8	14	17	9
FLAVIVIRUSES						
DENGUE VIRUS	-	1	-	-	-	-
HAEMOPHILUS						
HAEMOPHILUS INFLUENZAE	33	35	34	41	40	19
HEPATITIS VIRUSES						
HEPATITIS A	14	6	9	5	4	6
HEPATITIS B	144	151	165	152	139	105
HEPATITIS C	276	323	363	313	379	212
HEPATITIS D	2	-	1	2	5	1
HEPATITIS E	24	27	15	23	21	25

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

Week notification received	202126	202127	202128	202129	202130	202131
INFLUENZA VIRUS						
INFLUENZA A	8	9	15	16	15	18
INFLUENZA B	7	10	13	20	13	17
LEGIONELLA						
LEGIONELLA LONGBEACHAE	1	1	-	-	-	-
LEGIONELLA PNEUMOPHILA	8	5	2	3	6	3
LEGIONELLA SP	2	5	3	5	6	1
LISTERIA						
LISTERIA MONOCYTOGENES	3	4	27	15	1	4
MYCOBACTERIUM						
MYCOBACTERIUM TUBERCULOSIS	60	77	65	45	77	63
NEISSERIA						
NEISSERIA MENINGITIDIS	6	4	4	4	9	13
PARAMYXOVIRUSES						
MEASLES VIRUS	1	1	-	1	5	-
MUMPS VIRUS	-	1	-	1	6	1
PLASMODIUM						
PLASMODIUM FALCIPARUM	6	1	4	-	-	10
PLASMODIUM VIVAX	-	-	1	-	-	-
POLYOMAVIRUS						
POLYOMAVIRUS BK	32	25	33	35	34	30
POLYOMAVIRUS JC	2	3	3	2	3	3
RUBELLA VIRUS						
RUBELLA VIRUS	3	2	-	3	2	6

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

Week notification received	202126	202127	202128	202129	202130	202131
SALMONELLA						
OTHER SALMONELLAS	24	39	27	15	9	13
SALMONELLA ENTERICA	-	5	-	-	-	-
SALMONELLA ENTERITIDIS	11	20	10	-	6	-
SALMONELLA INFANTIS	15	19	12	-	8	-
SALMONELLA SP	22	31	42	91	116	114
SALMONELLA TYPHI AND PARATYPHI	-	-	-	6	-	-
SALMONELLA TYPHIMURIUM	19	27	23	-	16	6
SHIGELLA						
SHIGELLA FLEXNERI	7	5	5	1	4	1
SHIGELLA SONNEI	-	-	2	1	-	2
SHIGELLA SP	9	12	7	12	11	15
STREPTOCOCCUS						
STREPTOCOCCUS GROUP A	16	21	17	13	8	12
STREPTOCOCCUS PNEUMONIAE	65	58	63	55	61	36

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		202126	202127	202128	202129	202130	202131
CITROBACTER							
CITROBACTER SPP	IMP	2	1	-	-	-	-
	KPC	2	2	1	-	-	-
	NDM	1	-	2	1	-	-
	OXA48	1	1	1	1	1	-
ENTEROBACTER							
ENTEROBACTER CLOACAE COMPLEX	IMP	1	-	-	-	-	-
	KPC	2	3	6	2	2	-
	NDM	2	2	1	-	2	-
	OXA48	-	1	2	-	2	-
	OTHER	-	-	-	1	-	-
ESCHERICHIA							
ESCHERICHIA COLI	KPC	4	3	6	9	-	-
	NDM	2	1	6	6	4	-
	OXA48	4	3	3	2	7	2
	OTHER	-	-	2	-	-	-
HAFNIA							
HAFNIA SPP	OXA48	-	-	-	-	1	-

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

Week notification received		202126	202127	202128	202129	202130	202131
KLEBSIELLA							
KLEBSIELLA AEROGENES	IMP	-	1	-	1	-	-
	OXA48	2	-	-	-	-	-
KLEBSIELLA OXYTOCA	IMP	-	-	-	-	2	1
	KPC	1	1	-	2	-	-
	OXA48	2	-	-	-	-	-
	VIM	1	-	-	-	-	-
KLEBSIELLA PNEUMONIAE	KPC	3	3	2	1	1	1
	NDM	2	1	4	2	2	1
	OXA48	1	4	5	5	5	1
KLEBSIELLA SEROGENES	IMP	-	-	-	1	-	-
	KPC	-	1	-	-	-	-
KLEBSIELLA VARIICOLA	OXA48	-	1	-	-	-	-
OTHER KLEBSIELLA SPP	IMP	1	-	-	-	-	-
	OXA48	-	1	-	-	-	-
PANTOEA							
PANTOEA AGGLOMERANS	KPC	-	-	-	1	-	-
RAOULTELLA							
RAOULTELLA ORNITHINOLYTICA	KPC	-	1	-	-	-	-
SERRATIA							
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*

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

Week notification received		202126	202127	202128	202129	202130	202131
ACINETOBACTER							
ACINETOBACTER BAUMANNII	OTHER	-	-	1	-	-	-
ACINETOBACTER CALCOACETICUS/BAUMANNII COMPLEX	NDM	-	-	-	-	1	-
PSEUDOMONAS							
PSEUDOMONAS AERUGINOSA	NDM	-	-	1	-	-	-
	VIM	1	-	-	-	-	-
	OTHER	1	1	2	3	2	-
PSEUDOMONAS PUTIDA GROUP	VIM	1	-	-	1	-	-
OTHER PSEUDOMONAS SPP	OTHER	-	1	-	-	-	-
OTHER							
	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*