



**Public Health
England**

NOIDs Weekly Report

STATUTORY NOTIFICATION OF INFECTIOUS DISEASES

CAUSATIVE AGENTS

2021/30

WEEK ENDING: 01/08/2021

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	202125	202126	202127	202128	202129	202130
BACILLUS						
BACILLUS CEREUS	19	18	13	28	28	34
BORDETELLA						
BORDETELLA PERTUSSIS	1	-	-	-	-	-
BORRELIA						
BORRELIA BURGDORFERI	18	30	22	25	34	41
BORRELIA SP	-	-	1	1	-	-
BRUCELLA						
BRUCELLA MELITENSIS	-	1	-	-	-	-
BRUCELLA SP	-	-	-	1	-	1
CAMPYLOBACTER						
CAMPYLOBACTER COLI	37	38	38	51	29	29
CAMPYLOBACTER GRACILIS	1	-	-	1	-	-
CAMPYLOBACTER JEJUNI	533	429	409	461	299	245
CAMPYLOBACTER LARI	1	1	-	2	1	-
CAMPYLOBACTER OTHER NAMED	1	1	-	-	-	-
CAMPYLOBACTER RECTUS	1	-	-	-	-	-
CAMPYLOBACTER SP	1339	1206	1197	1074	993	1142
CAMPYLOBACTER UPSALIENSIS	-	1	2	1	1	1
CAMPYLOBACTER UREOLYTICUS (BACTEROIDES CORRODENS)	-	-	-	-	1	-
CHIKUNGUNYA VIRUS						
CHIKUNGUNYA VIRUS	1	-	-	-	-	1
CLOSTRIDIUM						
CLOSTRIDIUM PERFRINGENS	83	92	101	111	59	34
CLOSTRIDIUM TETANI	-	-	-	1	-	-
CORONAVIRUS						
CORONAVIRUS	43	43	46	37	46	44
HUMAN CORONAVIRUS 229E	-	-	1	1	-	-
SARS CORONAVIRUS	-	-	-	-	1	2
SARS-COV-2 ANTIBODY INDETERMINATE	118	64	86	86	78	60

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SARS-COV-2 ANTIBODY VOID	15	8	421	35	100	13
SARS-CoV-2 CORONAVIRUS (Covid-19)	91847	145348	197827	288959	224636	161314
SARS-CoV-2 CORONAVIRUS (Covid-19) INDETERMINATE	1177	1386	1672	1991	2096	2269
SARS-COV-2 IGG ANTIBODY NEGATIVE	2482	1924	2096	1824	2155	1554
SARS-COV-2 IGG ANTIBODY POSITIVE	3362	2542	2549	2478	2551	2871
SARS-COV-2 IGM ANTIBODY NEGATIVE	117	103	94	89	137	571
SARS-COV-2 IGM ANTIBODY POSITIVE	13	17	19	11	23	135
SARS-COV-2 TOTAL ANTIBODY NEGATIVE	3053	4883	9807	4008	3638	3806
SARS-COV-2 TOTAL ANTIBODY POSITIVE	2839	3894	6989	2651	2363	3353
CORYNEBACTERIUM						
CORYNEBACTERIUM DIPHTHERIAE	1	-	1	1	-	-
CORYNEBACTERIUM ULCERANS	2	-	-	-	-	-
CRYPTOSPORIDIUM						
CRYPTOSPORIDIUM HOMINIS	1	-	-	-	-	-
CRYPTOSPORIDIUM PARVUM	25	17	21	19	17	6
CRYPTOSPORIDIUM SP	28	28	12	26	27	39
ENTAMOEBEA						
ENTAMOEBEA HISTOLYTICA	1	7	1	2	-	-
ESCHERICHIA						
ESCHERICHIA COLI O 157	11	10	13	8	14	12
FLAVIVIRUSES						
DENGUE VIRUS	-	-	1	-	-	-
HAEMOPHILUS						
HAEMOPHILUS INFLUENZAE	25	33	34	34	41	39

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HEPATITIS VIRUSES						
HEPATITIS A	4	14	6	9	5	3
HEPATITIS B	139	144	151	163	151	127
HEPATITIS C	379	276	322	362	312	373
HEPATITIS D	-	2	-	1	2	5
HEPATITIS E	14	24	27	14	23	21
INFLUENZA VIRUS						
INFLUENZA A	10	7	9	15	16	15
INFLUENZA B	7	7	10	13	20	13
LEGIONELLA						
LEGIONELLA LONGBEACHAE	-	1	1	-	-	-
LEGIONELLA PNEUMOPHILA	-	8	5	2	3	5
LEGIONELLA SP	-	2	5	3	5	6
LISTERIA						
LISTERIA MONOCYTOGENES	1	3	4	27	15	1
MYCOBACTERIUM						
MYCOBACTERIUM TUBERCULOSIS	73	59	76	58	38	69
NEISSERIA						
NEISSERIA MENINGITIDIS	4	6	4	4	4	9
PARAMYXOVIRUSES						
MEASLES VIRUS	-	1	1	-	1	5
MUMPS VIRUS	-	-	1	-	1	6
PLASMODIUM						
PLASMODIUM FALCIPARUM	1	6	1	4	-	-
PLASMODIUM VIVAX	-	-	-	1	-	-
POLYOMAVIRUS						
POLYOMAVIRUS BK	28	32	25	33	35	34
POLYOMAVIRUS JC	1	2	3	3	2	3
RUBELLA VIRUS						
RUBELLA VIRUS	1	3	2	-	3	2

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

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SALMONELLA						
OTHER SALMONELLAS	44	24	33	14	15	9
SALMONELLA ENTERICA	-	-	5	-	-	-
SALMONELLA ENTERITIDIS	12	11	20	6	-	6
SALMONELLA INFANTIS	13	13	20	5	-	8
SALMONELLA NEWPORT	5	-	-	-	-	-
SALMONELLA SP	11	25	38	73	91	115
SALMONELLA TYPHI AND PARATYPHI	-	-	-	-	6	-
SALMONELLA TYPHIMURIUM	14	18	26	16	-	16
SHIGELLA						
SHIGELLA FLEXNERI	7	7	5	4	1	4
SHIGELLA SONNEI	2	-	-	2	1	-
SHIGELLA SP	6	9	12	8	12	11
STREPTOCOCCUS						
STREPTOCOCCUS GROUP A	16	16	21	17	13	8
STREPTOCOCCUS PNEUMONIAE	49	65	57	62	55	61

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		202125	202126	202127	202128	202129	202130
CITROBACTER							
CITROBACTER SPP	IMP	-	2	1	-	-	-
	KPC	-	2	2	1	-	-
	NDM	-	1	-	2	1	-
	OXA48	-	1	1	-	1	-
ENTEROBACTER							
ENTEROBACTER CLOACAE COMPLEX	IMP	1	-	-	-	-	-
	KPC	-	2	3	6	2	1
	NDM	1	2	2	1	-	2
	OXA48	1	-	1	1	-	-
	OTHER	-	-	-	-	1	-
OTHER ENTEROBACTER SPP	IMP	1	-	-	-	-	-
ESCHERICHIA							
ESCHERICHIA COLI	KPC	4	4	3	6	9	-
	NDM	1	2	1	6	6	2
	OXA48	2	4	3	2	1	1
	OTHER	-	-	-	2	-	-

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KLEBSIELLA							
KLEBSIELLA AEROGENES	IMP	-	-	1	-	1	-
	OXA48	-	2	-	-	-	-
KLEBSIELLA OXYTOCA	KPC	-	1	1	-	2	-
	OXA48	1	2	-	-	-	-
	VIM	-	1	-	-	-	-
KLEBSIELLA PNEUMONIAE	KPC	3	3	2	2	1	-
	NDM	1	2	1	3	2	-
	OXA48	5	1	4	5	4	3
KLEBSIELLA SEROGENES	KPC	-	-	1	-	-	-
KLEBSIELLA VARIICOLA	OXA48	-	-	1	-	-	-
OTHER KLEBSIELLA SPP	IMP	-	1	-	-	-	-
	OXA48	-	-	1	-	-	-
PANTOEA							
PANTOEA AGGLOMERANS	KPC	-	-	-	-	1	-
RAOULTELLA							
RAOULTELLA ORNITHINOLYTICA	KPC	1	-	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*

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Week notification received		202125	202126	202127	202128	202129	202130
ACINETOBACTER							
ACINETOBACTER BAUMANNII	OTHER	-	-	-	1	-	-
PSEUDOMONAS							
PSEUDOMONAS AERUGINOSA	NDM	2	-	-	1	-	-
	VIM	-	1	-	-	-	-
	OTHER	1	1	1	1	3	-
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*