

HPSC - Weekly Infectious Disease Report



Statutory Notifications of Infectious Diseases reported in Ireland via the Computerised Infectious Disease Reporting (CIDR) system for:

Week 18, 2021

(Notification Period: 02/05/2021 - 08/05/2021)

Data are Provisional

Report produced by the Health Protection Surveillance Centre on 12/05/2021

Notes:

- This report is based on data reported by laboratories and Departments of Public Health via the Computerised Infectious Disease Reporting (CIDR) system.
- Currently, 78 of the 87 notifiable diseases as specified under the Infectious Diseases (Amendment) Regulations 2018 (S.I. No. 567 of 2018) are reported on CIDR.
- Additional guidance notes are available on page 7 of this report.



Table 1: Summary of Infectious Diseases Reported for Week 18, 2021

Infectious Disease	Week Ending	2021	2020	Increase/ Decrease
	08/05/2021	Week 1 - 18	Week 1 - 18	+/-
Acute anterior poliomyelitis	0	0	0	0
Anthrax	0	0	0	0
Bacillus cereus food-borne infection or intoxication	0	0	0	0
Bacterial meningitis (not otherwise specified)	0	4	9	-5
Botulism	0	0	0	0
Brucellosis	0	0	0	0
Campylobacter infection	59	906	568	338
Carbapenem-resistant Enterobacteriaceae infection (invasive)	0	7	2	5
Chancroid	0	0	0	0
Chickenpox - hospitalised cases	1	6	9	-3
Chikungunya disease	0	0	0	0
Chlamydia trachomatis infection	144	2,247	2602	-355
Cholera	0	0	0	0
Clostridium difficile infection	14	582	606	-24
Clostridium perfringens (type A) food-borne disease	0	0	1	-1
COVID-19*	2987	151,020	21596	129,424
Creutzfeldt Jakob disease	0	4	2	2
Creutzfeldt Jakob disease (variant)	0	0	0	0
Cryptosporidiosis	36	610	219	391
Cytomegalovirus infection (congenital)	1	5	7	-2
Dengue fever	0	0	1	-1
Diphtheria	0	0	0	0
Echinococcosis	0	1	0	1
Giardiasis	2	50	64	-14
Gonorrhoea	16	555	901	-346
Granuloma inguinale	0	0	0	0
Haemophilus influenzae disease (invasive)	0	6	23	-17
Hepatitis A (acute)	0	38	8	30
Hepatitis B (acute and chronic)	5	132	126	6
Hepatitis C	10	161	136	25
Hepatitis E	1	24	24	0
Herpes simplex (genital)	17	396	442	-46
Herpes simplex (neonatal)	0	0	0	0
Human immunodeficiency virus infection	5	113	205	-92
Influenza	0	0	7753	-7,753
Legionellosis	0	3	5	-2
Leprosy	0	0	0	0
Leptospirosis	0	4	8	-4
Listeriosis	0	6	3	3
Lyme disease	0	1	2	-1
Lymphogranuloma venereum	0	3	9	-6
Malaria	2	8	7	1
Measles	0	1	5	-4
Meningococcal disease	1	3	17	-14
Mumps	2	48	2635	-2,587
Noroviral infection	1	23	483	-460
Outbreak	0	0	0	0
Paratyphoid	0	0	1	-1
Pertussis	0	1	48	-47
Plague	0	0	0	0
Q fever	0	0	1	-1
Rabies	0	0	0	0
Respiratory syncytial virus infection	0	7	1939	-1,932



Table 1: Summary of Infectious Diseases Reported for Week 18, 2021

Infectious Disease	Week Ending	2021	2020	Increase/ Decrease
	08/05/2021	Week 1 - 18	Week 1 - 18	+/-
Rotavirus infection	0	49	65	-16
Rubella	0	0	2	-2
Salmonellosis	1	39	70	-31
Severe Acute Respiratory Syndrome (SARS)	0	0	0	0
Shigellosis	1	11	31	-20
Smallpox	0	0	0	0
Staphylococcal food poisoning	0	0	0	0
Streptococcus group A infection (invasive)	0	12	30	-18
Streptococcus group B infection (invasive)	0	19	13	6
Streptococcus pneumoniae infection (invasive)	1	38	179	-141
Syphilis	2	245	194	51
Tetanus	0	0	0	0
Toxoplasmosis	0	10	3	7
Trichinosis	0	0	0	0
Trichomoniasis	0	12	13	-1
Tuberculosis	3	86	85	1
Tularemia	0	0	0	0
Typhoid	2	7	2	5
Typhus	0	0	0	0
Verotoxigenic Escherichia coli infection	23	241	148	93
Viral encephalitis	0	23	18	5
Viral haemorrhagic fevers	0	0	0	0
Viral meningitis	1	68	69	-1
West Nile fever	0	0	0	0
Yellow fever	0	0	0	0
Yersiniosis	0	7	1	6
Zika virus infection	0	0	2	-2
Total	3338	157842		

* On 20 February 2020, the Minister for Health signed the Infectious Diseases (Amendment) Regulations 2020 (S.I. No. 53 of 2020), to include COVID-19 on the list of notifiable diseases



Table 2: Infectious Diseases Notified by HSE Area for Week 18, 2021 (excluding instances of less than 5 events of: Botulism, Cholera, Creutzfeldt Jakob disease, Creutzfeldt Jakob disease (variant), Paratyphoid, Typhoid, Leprosy, Rabies or Zika virus infection)

Infectious Disease	E	M	MW	NE	NW	S	SE	W	Total
Campylobacter infection	13	2	7	5	1	18	7	6	59
Chickenpox - hospitalised cases	0	0	0	0	0	0	1	0	1
Chlamydia trachomatis infection	75	5	8	6	3	25	10	12	144
Clostridium difficile infection	2	0	0	3	1	6	0	2	14
COVID-19	1620	144	176	306	193	257	138	153	2987
Cryptosporidiosis	1	3	6	4	5	3	5	9	36
Cytomegalovirus infection (congenital)	1	0	0	0	0	0	0	0	1
Giardiasis	1	0	0	0	0	1	0	0	2
Gonorrhoea	13	0	1	0	0	1	1	0	16
Hepatitis B (acute and chronic)	3	0	0	1	0	1	0	0	5
Hepatitis C	8	0	0	0	0	2	0	0	10
Hepatitis E	0	1	0	0	0	0	0	0	1
Herpes simplex (genital)	4	0	1	0	0	6	2	4	17
Human immunodeficiency virus infection	4	0	0	1	0	0	0	0	5
Malaria	0	0	0	1	0	0	0	1	2
Meningococcal disease	0	0	0	0	1	0	0	0	1
Mumps	0	0	0	0	1	1	0	0	2
Noroviral infection	1	0	0	0	0	0	0	0	1
Salmonellosis	0	1	0	0	0	0	0	0	1
Shigellosis	1	0	0	0	0	0	0	0	1
Streptococcus pneumoniae infection (invasive)	1	0	0	0	0	0	0	0	1
Syphilis	0	0	0	1	1	0	0	0	2
Tuberculosis	1	1	0	0	0	1	0	0	3
Verotoxigenic Escherichia coli infection	0	3	6	5	2	1	1	5	23
Viral meningitis	0	0	0	0	0	0	1	0	1
Total	1749	160	205	333	208	323	166	192	3336



Table 3: Infectious Diseases Notified by Age Group for Week 18, 2021

Infectious Disease	0-4 yrs	5-9 yrs	10-14 yrs	15-19 yrs	20-24 yrs	25-34 yrs	35-44 yrs	45-54 yrs	55-64 yrs	65+ yrs	Unknown	Total
Campylobacter infection	7	8	8	5	1	5	5	6	4	10	0	59
Chickenpox - hospitalised cases	0	0	0	0	0	0	0	0	1	0	0	1
Chlamydia trachomatis infection	0	0	0	13	52	60	14	4	0	1	0	144
Clostridium difficile infection	0	0	0	2	1	0	1	0	3	7	0	14
COVID-19	193	259	289	255	267	513	534	376	196	105	0	2987
Cryptosporidiosis	16	9	4	2	0	5	0	0	0	0	0	36
Cytomegalovirus infection (congenital)	1	0	0	0	0	0	0	0	0	0	0	1
Giardiasis	0	0	0	0	0	1	0	1	0	0	0	2
Gonorrhoea	0	0	0	0	1	10	3	1	1	0	0	16
Hepatitis B (acute and chronic)	0	0	0	0	0	1	1	2	0	1	0	5
Hepatitis C	0	1	0	0	0	0	3	4	1	1	0	10
Hepatitis E	0	0	0	0	0	0	0	0	1	0	0	1
Herpes simplex (genital)	0	0	0	2	7	4	3	1	0	0	0	17
Human immunodeficiency virus infection	0	0	0	0	0	2	1	2	0	0	0	5
Malaria	0	0	0	0	0	0	0	1	1	0	0	2
Meningococcal disease	0	0	0	0	0	1	0	0	0	0	0	1
Mumps	0	0	0	0	0	1	1	0	0	0	0	2
Noroviral infection	0	0	0	0	0	0	0	0	0	1	0	1
Salmonellosis	0	0	0	0	0	0	0	1	0	0	0	1
Shigellosis	0	0	0	0	0	1	0	0	0	0	0	1
Streptococcus pneumoniae infection (invasive)	0	0	0	0	0	0	1	0	0	0	0	1
Syphilis	0	0	0	0	0	1	0	1	0	0	0	2
Tuberculosis	0	0	0	0	1	0	0	2	0	0	0	3
Typhoid	0	0	0	0	0	1	1	0	0	0	0	2
Verotoxigenic Escherichia coli infection	5	4	1	3	1	1	0	2	1	5	0	23
Viral meningitis	0	0	0	1	0	0	0	0	0	0	0	1
Total	222	281	302	283	331	607	568	404	209	131	0	3338



Table 4: Infectious Diseases Notified by Sex for Week 18, 2021

Infectious Disease	Male	Female	Unknown	Not Specified	Total
Campylobacter infection	33	24	0	2	59
Chickenpox - hospitalised cases	0	1	0	0	1
Chlamydia trachomatis infection	85	59	0	0	144
Clostridium difficile infection	10	4	0	0	14
COVID-19	1464	1520	3	0	2987
Cryptosporidiosis	13	23	0	0	36
Cytomegalovirus infection (congenital)	1	0	0	0	1
Giardiasis	1	1	0	0	2
Gonorrhoea	16	0	0	0	16
Hepatitis B (acute and chronic)	3	2	0	0	5
Hepatitis C	9	1	0	0	10
Hepatitis E	0	1	0	0	1
Herpes simplex (genital)	4	13	0	0	17
Human immunodeficiency virus infection	4	1	0	0	5
Malaria	2	0	0	0	2
Meningococcal disease	1	0	0	0	1
Mumps	2	0	0	0	2
Noroviral infection	1	0	0	0	1
Salmonellosis	0	1	0	0	1
Shigellosis	1	0	0	0	1
Streptococcus pneumoniae infection (invasive)	0	1	0	0	1
Syphilis	2	0	0	0	2
Tuberculosis	2	1	0	0	3
Typhoid	1	1	0	0	2
Verotoxigenic Escherichia coli infection	8	15	0	0	23
Viral meningitis	1	0	0	0	1
Total	1664	1669	3	2	3338



Table 5: Infectious Diseases Notified by Case Classification for Week 18, 2021

Infectious Disease	Confirmed	Probable	Possible	Not Specified	Total
Campylobacter infection	59	0	0	0	59
Chickenpox - hospitalised cases	1	0	0	0	1
Chlamydia trachomatis infection	144	0	0	0	144
Clostridium difficile infection	14	0	0	0	14
COVID-19	2987	0	0	0	2987
Cryptosporidiosis	36	0	0	0	36
Cytomegalovirus infection (congenital)	1	0	0	0	1
Giardiasis	2	0	0	0	2
Gonorrhoea	16	0	0	0	16
Hepatitis B (acute and chronic)	5	0	0	0	5
Hepatitis C	10	0	0	0	10
Hepatitis E	1	0	0	0	1
Herpes simplex (genital)	17	0	0	0	17
Human immunodeficiency virus infection	5	0	0	0	5
Malaria	2	0	0	0	2
Meningococcal disease	1	0	0	0	1
Mumps	1	0	1	0	2
Noroviral infection	1	0	0	0	1
Salmonellosis	1	0	0	0	1
Shigellosis	1	0	0	0	1
Streptococcus pneumoniae infection (invasive)	1	0	0	0	1
Syphilis	2	0	0	0	2
Tuberculosis	2	1	0	0	3
Typhoid	2	0	0	0	2
Verotoxigenic Escherichia coli infection	13	5	5	0	23
Viral meningitis	1	0	0	0	1
Total	3326	6	6	0	3338

Guidance Notes

1. Case Definitions for Notifiable Diseases

The latest version of case definitions is available on the HPSC website at <https://www.hpsc.ie/notifiablediseases/casedefinitions/>

2. HSE areas

The counties covered by each HSE area are as follows:

- HSE East (E): Dublin, Kildare & Wicklow;
- HSE Midlands (M): Laois, Longford, Offaly & Westmeath;
- HSE Midwest (MW): Clare, Limerick & N. Tipperary;
- HSE Northeast (NE): Cavan, Louth, Meath & Monaghan;
- HSE Northwest (NW): Donegal, Leitrim & Sligo;
- HSE South (S): Kerry & Cork;
- HSE Southeast (SE): Carlow, Kilkenny, S. Tipperary, Waterford & Wexford;
- HSE West (W): Galway, Mayo & Roscommon.

3. Clostridium difficile infection

Both new and recurrent cases of *C. difficile* infection (CDI) are notifiable. Only positive *C. difficile* test results meeting the case definition should be notified in CIDR. CDI is not notifiable in children less than 2 years of age.

4. Hepatitis B (acute and chronic) infection

When notifying cases of Hepatitis B in CIDR, please specify whether the case is acute or chronic.

5. Herpes simplex (neonatal)

Herpes simplex (neonatal) is notifiable only in infants aged 6 weeks of age or less (42 days), see case definition for details.

6. Streptococcus group B infection (invasive)

All cases of invasive *Streptococcus* group B infection are notifiable in infants <90 days of age under the disease *Streptococcus* group B infection (invasive), as per the case definition. If cases occur in persons 90 days of age or older AND have a clinical diagnosis of meningitis, then these cases should be notified under the disease bacterial meningitis (not otherwise specified). Cases of invasive *Streptococcus* group B infection in persons 90 days or older without meningitis are not notifiable.

7. Verotoxigenic Escherichia coli infection

All verotoxin positive *Escherichia coli* cases should be notified. In situations where the verotoxin results are pending, it is recommended that, at a minimum, cases due to the five most common serogroups (O26, O103, O111, O145 and O157) are reported in CIDR. Any cases later confirmed to be verotoxin negative are then denotified. Therefore, figures presented in this weekly report for Verotoxigenic *E. coli* infection may change.