

HPSC - Weekly Infectious Disease Report



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

Week 1, 2021

(Notification Period: 03/01/2021 - 09/01/2021)

Data are Provisional

Report produced by the Health Protection Surveillance Centre on 13/01/2021

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 1, 2021

Infectious Disease	Week Ending	2021	2020	Increase/ Decrease
	09/01/2021	Week 1 - 1	Week 1 - 1	+/-
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	0	0	0
Botulism	0	0	0	0
Brucellosis	0	0	0	0
Campylobacter infection	53	53	24	29
Carbapenem-resistant Enterobacteriaceae infection (invasive)	1	1	0	1
Chancroid	0	0	0	0
Chickenpox - hospitalised cases	0	0	0	0
Chikungunya disease	0	0	0	0
Chlamydia trachomatis infection	68	68	44	24
Cholera	0	0	0	0
Clostridium difficile infection	25	25	31	-6
Clostridium perfringens (type A) food-borne disease	0	0	0	0
COVID-19*	45701	45,701	0	45,701
Creutzfeldt Jakob disease	0	0	0	0
Creutzfeldt Jakob disease (variant)	0	0	0	0
Cryptosporidiosis	2	2	2	0
Cytomegalovirus infection (congenital)	0	0	0	0
Dengue fever	0	0	0	0
Diphtheria	0	0	0	0
Echinococcosis	0	0	0	0
Giardiasis	1	1	3	-2
Gonorrhoea	19	19	13	6
Granuloma inguinale	0	0	0	0
Haemophilus influenzae disease (invasive)	0	0	3	-3
Hepatitis A (acute)	2	2	1	1
Hepatitis B (acute and chronic)	4	4	1	3
Hepatitis C	1	1	3	-2
Hepatitis E	1	1	2	-1
Herpes simplex (genital)	15	15	14	1
Herpes simplex (neonatal)	0	0	0	0
Human immunodeficiency virus infection	4	4	10	-6
Influenza	0	0	1400	-1,400
Legionellosis	1	1	0	1
Leprosy	0	0	0	0
Leptospirosis	0	0	0	0
Listeriosis	0	0	0	0
Lyme disease	0	0	0	0
Lymphogranuloma venereum	0	0	0	0
Malaria	0	0	0	0
Measles	1	1	1	0
Meningococcal disease	1	1	1	0
Mumps	1	1	61	-60
Noroviral infection	3	3	40	-37
Outbreak	0	0	0	0
Paratyphoid	0	0	0	0
Pertussis	1	1	0	1
Plague	0	0	0	0
Q fever	0	0	0	0
Rabies	0	0	0	0
Respiratory syncytial virus infection	0	0	352	-352



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

Infectious Disease	Week Ending	2021	2020	Increase/ Decrease
	09/01/2021	Week 1 - 1	Week 1 - 1	+/-
Rotavirus infection	1	1	2	-1
Rubella	0	0	0	0
Salmonellosis	0	0	5	-5
Severe Acute Respiratory Syndrome (SARS)	0	0	0	0
Shigellosis	1	1	0	1
Smallpox	0	0	0	0
Staphylococcal food poisoning	0	0	0	0
Streptococcus group A infection (invasive)	0	0	3	-3
Streptococcus group B infection (invasive)	2	2	1	1
Streptococcus pneumoniae infection (invasive)	1	1	31	-30
Syphilis	8	8	10	-2
Tetanus	0	0	0	0
Toxoplasmosis	0	0	0	0
Trichinosis	0	0	0	0
Trichomoniasis	0	0	1	-1
Tuberculosis	3	3	4	-1
Tularemia	0	0	0	0
Typhoid	0	0	0	0
Typhus	0	0	0	0
Verotoxigenic Escherichia coli infection	6	6	13	-7
Viral encephalitis	0	0	1	-1
Viral haemorrhagic fevers	0	0	0	0
Viral meningitis	3	3	1	2
West Nile fever	0	0	0	0
Yellow fever	0	0	0	0
Yersiniosis	0	0	0	0
Zika virus infection	0	0	0	0
Total	45930	45930		

* 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 1, 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	24	0	0	8	0	2	13	6	53
Carbapenem-resistant Enterobacteriaceae infection (invasive)	0	0	0	0	1	0	0	0	1
Chlamydia trachomatis infection	23	2	3	0	0	17	7	16	68
Clostridium difficile infection	12	1	6	1	0	0	3	2	25
COVID-19	18674	1537	3935	5098	1916	6857	5361	2323	45701
Cryptosporidiosis	0	0	0	1	0	0	1	0	2
Giardiasis	1	0	0	0	0	0	0	0	1
Gonorrhoea	17	0	0	2	0	0	0	0	19
Hepatitis A (acute)	1	0	0	0	0	1	0	0	2
Hepatitis B (acute and chronic)	4	0	0	0	0	0	0	0	4
Hepatitis C	0	0	0	0	0	0	1	0	1
Hepatitis E	0	0	1	0	0	0	0	0	1
Herpes simplex (genital)	9	0	1	0	0	3	2	0	15
Human immunodeficiency virus infection	4	0	0	0	0	0	0	0	4
Legionellosis	0	1	0	0	0	0	0	0	1
Measles	0	0	0	0	0	0	1	0	1
Meningococcal disease	1	0	0	0	0	0	0	0	1
Mumps	0	0	1	0	0	0	0	0	1
Noroviral infection	2	0	0	1	0	0	0	0	3
Pertussis	0	0	0	1	0	0	0	0	1
Rotavirus infection	0	0	0	0	0	1	0	0	1
Shigellosis	1	0	0	0	0	0	0	0	1
Streptococcus group B infection (invasive)	1	0	0	1	0	0	0	0	2
Streptococcus pneumoniae infection (invasive)	0	0	0	0	0	0	1	0	1
Syphilis	1	1	3	0	0	2	1	0	8
Tuberculosis	1	0	1	1	0	0	0	0	3
Verotoxigenic Escherichia coli infection	0	0	0	0	0	0	6	0	6
Viral meningitis	1	0	0	0	0	1	1	0	3
Total	18777	1542	3951	5114	1917	6884	5398	2347	45930



Table 3: Infectious Diseases Notified by Age Group for Week 1, 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	14	4	2	2	4	5	6	3	8	5	0	53
Carbapenem-resistant Enterobacteriaceae infection (inv)	0	0	0	0	0	0	0	0	0	1	0	1
Chlamydia trachomatis infection	1	0	0	8	34	20	3	2	0	0	0	68
Clostridium difficile infection	0	0	0	0	0	0	2	0	1	22	0	25
COVID-19	888	902	1382	3115	5588	9082	7411	6927	5811	4588	7	45701
Cryptosporidiosis	2	0	0	0	0	0	0	0	0	0	0	2
Giardiasis	0	0	0	0	0	0	1	0	0	0	0	1
Gonorrhoea	0	0	0	1	2	9	4	3	0	0	0	19
Hepatitis A (acute)	1	0	0	0	0	0	0	0	1	0	0	2
Hepatitis B (acute and chronic)	0	0	0	0	1	1	2	0	0	0	0	4
Hepatitis C	0	0	0	0	0	0	0	1	0	0	0	1
Hepatitis E	0	0	0	0	0	0	0	0	0	1	0	1
Herpes simplex (genital)	0	0	0	1	2	4	6	2	0	0	0	15
Human immunodeficiency virus infection	0	0	0	0	0	3	0	1	0	0	0	4
Legionellosis	0	0	0	0	0	0	0	0	0	1	0	1
Measles	0	1	0	0	0	0	0	0	0	0	0	1
Meningococcal disease	1	0	0	0	0	0	0	0	0	0	0	1
Mumps	0	0	0	0	0	0	0	0	1	0	0	1
Noroviral infection	3	0	0	0	0	0	0	0	0	0	0	3
Pertussis	0	0	0	0	0	0	0	1	0	0	0	1
Rotavirus infection	1	0	0	0	0	0	0	0	0	0	0	1
Shigellosis	0	0	0	0	0	1	0	0	0	0	0	1
Streptococcus group B infection (invasive)	2	0	0	0	0	0	0	0	0	0	0	2
Streptococcus pneumoniae infection (invasive)	0	0	0	0	0	1	0	0	0	0	0	1
Syphilis	0	0	0	0	1	3	3	1	0	0	0	8
Tuberculosis	0	0	0	0	0	1	2	0	0	0	0	3
Verotoxigenic Escherichia coli infection	0	1	0	0	0	0	1	0	0	4	0	6
Viral meningitis	2	0	0	0	0	0	1	0	0	0	0	3
Total	915	908	1384	3127	5632	9130	7442	6941	5822	4622	7	45930



Table 4: Infectious Diseases Notified by Sex for Week 1, 2021

Infectious Disease	Male	Female	Unknown	Not Specified	Total
Campylobacter infection	30	23	0	0	53
Carbapenem-resistant Enterobacteriaceae infection (inva	1	0	0	0	1
Chlamydia trachomatis infection	42	26	0	0	68
Clostridium difficile infection	13	12	0	0	25
COVID-19	21683	23990	19	9	45701
Cryptosporidiosis	1	1	0	0	2
Giardiasis	0	1	0	0	1
Gonorrhoea	15	4	0	0	19
Hepatitis A (acute)	2	0	0	0	2
Hepatitis B (acute and chronic)	2	2	0	0	4
Hepatitis C	1	0	0	0	1
Hepatitis E	1	0	0	0	1
Herpes simplex (genital)	5	10	0	0	15
Human immunodeficiency virus infection	3	1	0	0	4
Legionellosis	1	0	0	0	1
Measles	1	0	0	0	1
Meningococcal disease	1	0	0	0	1
Mumps	0	1	0	0	1
Noroviral infection	1	2	0	0	3
Pertussis	0	1	0	0	1
Rotavirus infection	0	1	0	0	1
Shigellosis	1	0	0	0	1
Streptococcus group B infection (invasive)	2	0	0	0	2
Streptococcus pneumoniae infection (invasive)	1	0	0	0	1
Syphilis	8	0	0	0	8
Tuberculosis	0	3	0	0	3
Verotoxigenic Escherichia coli infection	4	2	0	0	6
Viral meningitis	2	1	0	0	3
Total	21821	24081	19	9	45930



Table 5: Infectious Diseases Notified by Case Classification for Week 1, 2021

Infectious Disease	Confirmed	Probable	Possible	Not Specified	Total
Campylobacter infection	53	0	0	0	53
Carbapenem-resistant Enterobacteriaceae infection (inv	1	0	0	0	1
Chlamydia trachomatis infection	68	0	0	0	68
Clostridium difficile infection	25	0	0	0	25
COVID-19	45698	1	0	2	45701
Cryptosporidiosis	2	0	0	0	2
Giardiasis	1	0	0	0	1
Gonorrhoea	19	0	0	0	19
Hepatitis A (acute)	2	0	0	0	2
Hepatitis B (acute and chronic)	4	0	0	0	4
Hepatitis C	1	0	0	0	1
Hepatitis E	1	0	0	0	1
Herpes simplex (genital)	15	0	0	0	15
Human immunodeficiency virus infection	4	0	0	0	4
Legionellosis	1	0	0	0	1
Measles	0	0	1	0	1
Meningococcal disease	1	0	0	0	1
Mumps	0	0	1	0	1
Noroviral infection	3	0	0	0	3
Pertussis	1	0	0	0	1
Rotavirus infection	1	0	0	0	1
Shigellosis	1	0	0	0	1
Streptococcus group B infection (invasive)	2	0	0	0	2
Streptococcus pneumoniae infection (invasive)	1	0	0	0	1
Syphilis	8	0	0	0	8
Tuberculosis	3	0	0	0	3
Verotoxigenic Escherichia coli infection	6	0	0	0	6
Viral meningitis	3	0	0	0	3
Total	45925	1	2	2	45930

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.