HPSC - Weekly Infectious Disease Report

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

Week 9, 2024

(Notification Period: 25/02/2024 - 02/03/2024)

Data are Provisional

Report produced by the Health Protection Surveillance Centre on 06/03/2024

Notes:

a. This report is based on data reported by laboratories and Departments of Public Health via the Computerised Infectious Disease Reporting (CIDR) system.
b. Currently, 80 of the 89 notifiable diseases as specified under the Infectious Diseases (Amendment) Regulations 2022 (S.I. No. 258 of 2022) are reported on CIDR.
c. Additional guidance notes are available on page 7 of this report.

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Table 1: Infectious Diseases Notified by Case Classification for Week 9, 2024

Infectious Disease	Confirmed	Probable	Possible	Not Specified	Total
Bacterial meningitis (not otherwise specified)	1	0	0	0	**1**
Campylobacter infection	76	0	0	0	**76**
Chlamydia trachomatis infection	355	0	0	0	**355**
Clostridium difficile infection	65	0	0	0	**65**
COVID-19	222	0	4	0	**226**
Cryptosporidiosis	11	0	0	0	**11**
Cytomegalovirus infection (congenital)	2	0	0	0	**2**
Giardiasis	11	0	0	0	**11**
Gonorrhoea	176	0	0	0	**176**
Haemophilus influenzae disease (invasive)	1	0	0	0	**1**
Hepatitis A (acute)	4	0	0	0	**4**
Hepatitis B (acute and chronic)	8	0	0	0	**8**
Hepatitis C	14	0	0	0	**14**
Hepatitis E	1	0	0	0	**1**
Herpes simplex (genital)	17	1	0	0	**18**
Human immunodeficiency virus infection	24	0	0	0	**24**
Influenza	566	0	2	0	**568**
Legionellosis	1	0	0	0	**1**
Measles	0	0	9	0	**9**
Meningococcal disease	1	0	0	0	**1**
Mumps	4	0	3	0	**7**
Noroviral infection	68	0	0	0	**68**
Pertussis	3	0	0	0	**3**
Respiratory syncytial virus infection	26	0	0	0	**26**
Rotavirus infection	8	0	0	0	**8**
Salmonellosis	4	0	3	0	**7**
Shigellosis	3	0	0	0	**3**
Streptococcus group A infection (invasive)	5	2	0	0	**7**
Streptococcus group B infection (invasive)	1	0	0	0	**1**
Streptococcus pneumoniae infection (invasive)	10	0	0	1	**11**
Syphilis	23	2	0	0	**25**
Toxoplasmosis	1	0	0	0	**1**
Trichomoniasis	1	0	0	0	**1**
Tuberculosis	5	0	2	0	**7**
Verotoxigenic Escherichia coli infection	6	2	0	0	**8**
Viral meningitis	4	0	0	0	**4**
Yersiniosis	1	0	0	0	**1**
Total	**1729**	**7**	**23**	**1**	**1760**

Table 2: Summary of Infectious Diseases Reported for Week 9, 2024This includes confirmed, probable and possible cases

Infectious Disease	Week Ending	2024	2023	Increase/ Decrease
	02/03/2024	Week 1 - 9	Week 1 - 9	+/-
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)	1	4	1	3
Botulism	0	0	0	0
Brucellosis	0	0	1	-1
Campylobacter infection	76	510	488	22
Carbapenem-resistant Enterobacteriaceae infection (invasive)	0	2	6	-4
Chancroid	0	0	0	0
Chickenpox - hospitalised cases	0	13	20	-7
Chikungunya disease	0	0	0	0
Chlamydia trachomatis infection	355	2,279	2275	4
Cholera	0	1	0	1
Clostridium difficile infection	65	474	391	83
Clostridium perfringens (type A) food-borne disease	0	2	0	2
COVID-19*	226	5,588	10610	-5,022
Creutzfeldt Jakob disease	0	0	0	0
Creutzfeldt Jakob disease (variant)	0	0	0	0
Cryptosporidiosis	11	78	54	24
Cytomegalovirus infection (congenital)	2	5	2	3
Dengue fever	0	6	0	6
Diphtheria	0	0	0	0
Echinococcosis	0	0	0	0
Giardiasis	11	65	54	11
Gonorrhoea	176	1,144	1178	-34
Granuloma inguinale	0	0	0	0
Haemophilus influenzae disease (invasive)	1	16	27	-11
Hepatitis A (acute)	4	12	7	5
Hepatitis B (acute and chronic)	8	118	97	21
Hepatitis C	14	83	90	-7
Hepatitis E	1	11	4	7
Herpes simplex (genital)	18	313	275	38
Herpes simplex (neonatal)	0	0	0	0
Human immunodeficiency virus infection	24	223	162	61
Influenza	568	10,720	6771	3,949
Legionellosis	1	4	2	2
Leprosy	0	0	0	0
Leptospirosis	0	2	4	-2
Listeriosis	0	3	1	2
Lyme disease	0	0	0	0
Lymphogranuloma venereum	0	6	3	3
Malaria	0	10	9	1
***Measles	9[0]***	11[1]***	0	11[1]***
Meningococcal disease	1	17	11	6
Mpox infection	0	1	2	-1
Mumps	7	45	27	18
Noroviral infection	68	415	329	86
Paratyphoid	0	5	1	4
Pertussis	3	14	0	14
Plague	0	0	0	0
Q fever	0	0	0	0
Rabies	0	0	0	0
Respiratory syncytial virus infection	26	1,385	1246	139
Rotavirus infection	8	81	41	40
Rubella	0	0	0	0
Salmonellosis	7	50	67	-17
Severe Acute Respiratory Syndrome (SARS)	0	0	0	0

Table 2: Summary of Infectious Diseases Reported for Week 9, 2024This includes confirmed, probable and possible cases

Infectious Disease	Week Ending	2024	2023	Increase/ Decrease
	02/03/2024	Week 1 - 9	Week 1 - 9	+/-
Shigellosis	3	31	36	-5
Smallpox	0	0	0	0
Staphylococcal food poisoning	0	0	0	0
Streptococcus group A infection (invasive)	7	70	100	-30
Streptococcus group B infection (invasive)	1	4	3	1
Streptococcus pneumoniae infection (invasive)	11	108	109	-1
Syphilis	25	198	135	63
Tetanus	0	0	0	0
Toxoplasmosis	1	3	3	0
Trichinosis	0	0	0	0
Trichomoniasis	1	29	7	22
Tuberculosis	7	52	28	24
Tularemia	0	0	0	0
Typhoid	0	5	4	1
Typhus	0	0	0	0
Verotoxigenic Escherichia coli infection	8	85	72	13
Viral encephalitis	0	14	6	8
Viral haemorrhagic fevers	0	0	0	0
Viral meningitis	4	27	40	-13
West Nile fever	0	0	0	0
Yellow fever	0	0	0	0
Yersiniosis	1	7	5	2
Zika virus infection	0	0	0	0
Total	**1760**	**24349**		

*** 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**

**** On 27 May 2022, the Minister for Health signed the Infectious Diseases (Amendment) Regulations 2022 (S.I. No. 258 of 2022), to include Mpox on the list of notifiable diseases**

***** Measles includes confirmed, probable and possible cases of Measles. There was one confirmed Measles case in Week 6, and the remaining 10 cases in Week 1-9 were classified as possible.**

All notified cases recorded on CIDR for the time period shown are included in this report and depending on the disease these can include confirmed, probable, possible and suspect cases. The breakdown of cases by case classification are shown in Table 5. The case definitions are available on the HPSC website at https://www.hpsc.ie/notifiablediseases/casedefinitions/

Due to a technical error, there were 10 late notifications of malaria made during week 24 2023. These cases occurred between January 2021 and January 2023.

Three of the CJD cases in 2023 were from 2020 and 2021 but went onto the CIDR database in 2023.

Table 3: Infectious Diseases Notified by HSE Area for Week 9, 2024 This includes confirmed, probable and possible cases

Infectious Disease	E	M	MW	NE	NW	S	SE	W	Total
Bacterial meningitis (not otherwise specified)	0	0	0	1	0	0	0	0	**1**
Campylobacter infection	26	4	2	7	2	17	8	10	**76**
Chlamydia trachomatis infection	195	10	27	21	16	37	14	35	**355**
Clostridium difficile infection	27	0	7	2	3	10	8	8	**65**
COVID-19	72	19	19	17	17	42	23	17	**226**
Cryptosporidiosis	1	3	2	0	0	3	1	1	**11**
Cytomegalovirus infection (congenital)	1	1	0	0	0	0	0	0	**2**
Giardiasis	8	0	1	0	0	1	1	0	**11**
Gonorrhoea	133	1	6	5	7	12	5	7	**176**
Haemophilus influenzae disease (invasive)	0	0	0	0	0	1	0	0	**1**
Hepatitis A (acute)	4	0	0	0	0	0	0	0	**4**
Hepatitis B (acute and chronic)	3	0	0	0	0	3	1	1	**8**
Hepatitis C	8	0	1	1	1	1	2	0	**14**
Hepatitis E	0	0	0	0	0	0	1	0	**1**
Herpes simplex (genital)	12	1	1	0	1	3	0	0	**18**
Human immunodeficiency virus infection	16	1	1	4	0	1	0	1	**24**
Influenza	258	47	40	66	34	36	67	20	**568**
Legionellosis	0	0	0	1	0	0	0	0	**1**
Measles	2	1	1	2	0	0	3	0	**9**
Meningococcal disease	1	0	0	0	0	0	0	0	**1**
Mumps	1	2	0	2	0	1	1	0	**7**
Noroviral infection	45	2	9	4	0	3	5	0	**68**
Pertussis	2	0	0	0	0	0	1	0	**3**
Respiratory syncytial virus infection	12	0	2	2	2	3	3	2	**26**
Rotavirus infection	4	0	0	0	0	2	2	0	**8**
Salmonellosis	0	1	0	0	0	2	1	3	**7**
Shigellosis	2	0	0	0	0	0	0	1	**3**
Streptococcus group A infection (invasive)	2	0	0	0	0	1	3	1	**7**
Streptococcus group B infection (invasive)	0	0	0	0	0	1	0	0	**1**
Streptococcus pneumoniae infection (invasive)	5	0	0	2	1	1	1	1	**11**
Syphilis	18	1	0	3	0	2	0	1	**25**
Toxoplasmosis	1	0	0	0	0	0	0	0	**1**
Trichomoniasis	0	0	1	0	0	0	0	0	**1**
Tuberculosis	3	0	0	1	1	2	0	0	**7**
Verotoxigenic Escherichia coli infection	3	1	2	0	0	2	0	0	**8**
Viral meningitis	1	0	0	0	0	2	1	0	**4**
Yersiniosis	1	0	0	0	0	0	0	0	**1**
Total	**867**	**95**	**122**	**141**	**85**	**189**	**152**	**109**	**1760**

Table 4: Infectious Diseases Notified by Age Group for Week 9, 2024 This includes confirmed, probable and possible cases

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
Bacterial meningitis (not otherwise specified)	1	0	0	0	0	0	0	0	0	0	0	**1**
Campylobacter infection	13	7	7	2	6	5	5	3	9	19	0	**76**
Chlamydia trachomatis infection	0	0	0	27	127	140	40	15	3	3	0	**355**
Clostridium difficile infection	0	0	2	2	2	5	3	2	3	46	0	**65**
COVID-19	22	4	3	5	4	7	18	11	28	124	0	**226**
Cryptosporidiosis	4	4	2	0	0	0	0	0	0	1	0	**11**
Cytomegalovirus infection (congenital)	2	0	0	0	0	0	0	0	0	0	0	**2**
Giardiasis	0	0	1	0	0	2	2	2	0	4	0	**11**
Gonorrhoea	0	0	0	12	49	72	30	9	3	1	0	**176**
Haemophilus influenzae disease (invasive)	0	0	0	0	0	0	0	0	1	0	0	**1**
Hepatitis A (acute)	0	0	0	0	0	2	2	0	0	0	0	**4**
Hepatitis B (acute and chronic)	0	0	0	0	0	2	4	2	0	0	0	**8**
Hepatitis C	0	0	0	0	0	4	5	3	2	0	0	**14**
Hepatitis E	0	0	0	0	0	0	0	0	0	1	0	**1**
Herpes simplex (genital)	0	0	0	0	5	6	6	1	0	0	0	**18**
Human immunodeficiency virus infection	0	0	0	0	0	7	10	5	2	0	0	**24**
Influenza	74	48	27	18	33	50	56	40	40	182	0	**568**
Legionellosis	0	0	0	0	0	0	0	1	0	0	0	**1**
Measles	7	2	0	0	0	0	0	0	0	0	0	**9**
Meningococcal disease	0	0	0	0	0	0	0	0	0	1	0	**1**
Mumps	3	2	0	0	0	0	0	1	0	1	0	**7**
Noroviral infection	18	6	0	1	1	2	0	2	5	33	0	**68**
Pertussis	1	2	0	0	0	0	0	0	0	0	0	**3**
Respiratory syncytial virus infection	13	0	1	0	0	0	0	1	2	9	0	**26**
Rotavirus infection	7	1	0	0	0	0	0	0	0	0	0	**8**
Salmonellosis	1	0	0	0	1	4	0	0	1	0	0	**7**
Shigellosis	0	0	0	0	0	2	0	1	0	0	0	**3**
Streptococcus group A infection (invasive)	2	1	0	0	0	1	1	1	1	0	0	**7**
Streptococcus group B infection (invasive)	1	0	0	0	0	0	0	0	0	0	0	**1**
Streptococcus pneumoniae infection (invasive)	1	0	1	0	1	0	2	0	2	4	0	**11**
Syphilis	0	0	0	0	2	8	11	3	1	0	0	**25**
Toxoplasmosis	0	0	0	0	0	0	0	0	1	0	0	**1**
Trichomoniasis	0	0	0	0	1	0	0	0	0	0	0	**1**
Tuberculosis	2	0	1	0	0	2	0	1	1	0	0	**7**
Verotoxigenic Escherichia coli infection	0	0	1	0	0	2	2	0	1	2	0	**8**
Viral meningitis	4	0	0	0	0	0	0	0	0	0	0	**4**
Yersiniosis	0	0	0	0	0	0	0	0	1	0	0	**1**
Total	**176**	**77**	**46**	**67**	**232**	**323**	**197**	**104**	**107**	**431**	**0**	**1760**

Table 5: Infectious Diseases Notified by Sex for Week 9, 2024 This includes confirmed, probable and possible cases

Infectious Disease	Male	Female	Unknown	Not Specified	Total
Bacterial meningitis (not otherwise specified)	1	0	0	0	**1**
Campylobacter infection	38	38	0	0	**76**
Chlamydia trachomatis infection	177	175	1	2	**355**
Clostridium difficile infection	35	30	0	0	**65**
COVID-19	102	124	0	0	**226**
Cryptosporidiosis	6	5	0	0	**11**
Cytomegalovirus infection (congenital)	1	1	0	0	**2**
Giardiasis	8	3	0	0	**11**
Gonorrhoea	141	35	0	0	**176**
Haemophilus influenzae disease (invasive)	0	1	0	0	**1**
Hepatitis A (acute)	1	3	0	0	**4**
Hepatitis B (acute and chronic)	4	4	0	0	**8**
Hepatitis C	7	7	0	0	**14**
Hepatitis E	0	1	0	0	**1**
Herpes simplex (genital)	5	13	0	0	**18**
Human immunodeficiency virus infection	13	11	0	0	**24**
Influenza	244	323	1	0	**568**
Legionellosis	0	0	0	1	**1**
Measles	3	3	0	3	**9**
Meningococcal disease	0	1	0	0	**1**
Mumps	2	4	0	1	**7**
Noroviral infection	35	33	0	0	**68**
Pertussis	3	0	0	0	**3**
Respiratory syncytial virus infection	12	14	0	0	**26**
Rotavirus infection	6	2	0	0	**8**
Salmonellosis	2	5	0	0	**7**
Shigellosis	2	1	0	0	**3**
Streptococcus group A infection (invasive)	3	4	0	0	**7**
Streptococcus group B infection (invasive)	0	1	0	0	**1**
Streptococcus pneumoniae infection (invasive)	9	1	0	1	**11**
Syphilis	22	3	0	0	**25**
Toxoplasmosis	0	1	0	0	**1**
Trichomoniasis	0	1	0	0	**1**
Tuberculosis	4	3	0	0	**7**
Verotoxigenic Escherichia coli infection	4	4	0	0	**8**
Viral meningitis	2	2	0	0	**4**
Yersiniosis	1	0	0	0	**1**
Total	**893**	**857**	**2**	**8**	**1760**

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. Influenza

Influenza positive detections in children aged 2-17 years who have been recently vaccinated (in previous 14 days) with the Live Attenuated Influenza Vaccine (LAIV) are initially notified as possible influenza cases, pending further confirmatory testing at the National Virus Reference Laboratory, to determine if the positive test result is due to acute influenza virus infection or detection of LAIV vaccine virus. If the NVRL confirms LAIV vaccine virus detection (as opposed to an acute influenza virus infection), the case will be de-notified.

7. 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.

8. Verotoxigenic Escherichia coli infection

All verotoxin postitive 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.