

# HPSC - Weekly Infectious Disease Report



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

**Week 27, 2022**

(Notification Period: 03/07/2022 - 09/07/2022)

**Data are Provisional**

**Report produced by the Health Protection Surveillance Centre on 13/07/2022**

## Notes:

- This report is based on data reported by laboratories and Departments of Public Health via the Computerised Infectious Disease Reporting (CIDR) system.
- 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.
- Additional guidance notes are available on page 7 of this report.



Table 1: Summary of Infectious Diseases Reported for Week 27, 2022

Infectious Disease	Week Ending	2022	2021	Increase/ Decrease
	7/9/2022	Week 1 - 27	Week 1 - 27	+/-
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	5	6	-1
Botulism	0	2	0	2
Brucellosis	0	0	0	0
Campylobacter infection	103	1,994	1695	299
Carbapenem-resistant Enterobacteriaceae infection (invasive)	0	13	8	5
Chancroid	0	0	0	0
Chickenpox - hospitalised cases	4	34	10	24
Chikungunya disease	0	0	0	0
Chlamydia trachomatis infection	223	4,541	3341	1,200
Cholera	0	0	0	0
Clostridium difficile infection	29	987	907	80
Clostridium perfringens (type A) food-borne disease	0	0	0	0
COVID-19*	16797	850,690	175341	675,349
Creutzfeldt Jakob disease	0	2	5	-3
Creutzfeldt Jakob disease (variant)	0	0	0	0
Cryptosporidiosis	4	418	739	-321
Cytomegalovirus infection (congenital)	0	12	8	4
Dengue fever	0	4	0	4
Diphtheria	0	0	0	0
Echinococcosis	0	1	1	0
Giardiasis	5	133	68	65
Gonorrhoea	36	1,489	923	566
Granuloma inguinale	0	0	0	0
Haemophilus influenzae disease (invasive)	2	28	8	20
Hepatitis A (acute)	3	16	46	-30
Hepatitis B (acute and chronic)	17	247	187	60
Hepatitis C	6	229	231	-2
Hepatitis E	0	21	35	-14
Herpes simplex (genital)	15	796	601	195
Herpes simplex (neonatal)	0	0	2	-2
Human immunodeficiency virus infection	26	413	178	235
Influenza	13	2,274	0	2,274
Legionellosis	0	10	2	8
Leprosy	0	1	0	1
Leptospirosis	0	4	6	-2
Listeriosis	0	8	7	1
Lyme disease	0	1	2	-1
Lymphogranuloma venereum	0	16	7	9
Malaria	2	13	8	5
Measles	0	5	0	5
Meningococcal disease	0	9	2	7
Monkeypox infection**	12	64	0	64
Mumps	0	31	55	-24
Noroviral infection	23	488	44	444
Paratyphoid	0	4	0	4
Pertussis	0	4	1	3
Plague	0	0	0	0
Q fever	0	0	0	0
Rabies	0	0	0	0
Respiratory syncytial virus infection	18	451	9	442



Table 1: Summary of Infectious Diseases Reported for Week 27, 2022

Infectious Disease	Week Ending	2022	2021	Increase/ Decrease
	7/9/2022	Week 1 - 27	Week 1 - 27	+/-
Rotavirus infection	27	305	79	226
Rubella	0	0	0	0
Salmonellosis	9	139	58	81
Severe Acute Respiratory Syndrome (SARS)	0	0	0	0
Shigellosis	7	83	11	72
Smallpox	0	0	0	0
Staphylococcal food poisoning	0	0	0	0
Streptococcus group A infection (invasive)	1	18	17	1
Streptococcus group B infection (invasive)	0	13	26	-13
Streptococcus pneumoniae infection (invasive)	7	189	63	126
Syphilis	17	541	397	144
Tetanus	0	0	0	0
Toxoplasmosis	1	8	15	-7
Trichinosis	0	0	0	0
Trichomoniasis	3	28	15	13
Tuberculosis	3	128	123	5
Tularemia	0	0	0	0
Typhoid	0	14	8	6
Typhus	0	0	0	0
Verotoxigenic Escherichia coli infection	28	475	430	45
Viral encephalitis	0	23	30	-7
Viral haemorrhagic fevers	0	0	0	0
Viral meningitis	6	132	82	50
West Nile fever	0	0	0	0
Yellow fever	0	0	0	0
Yersiniosis	0	8	11	-3
Zika virus infection	0	0	0	0
<b>Total</b>	<b>17447</b>	<b>867562</b>		

\* 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 Human monkeypox infection on the list of notifiable diseases



**Table 2: Infectious Diseases Notified by HSE Area for Week 27, 2022**  
(excluding instances of less than 5 events of: Botulism, Cholera, Creutzfeldt Jakob disease, Creutzfeldt Jakob disease (variant), Paratyphoid, Typhoid, Leprosy, Monkeypox infection, Rabies or Zika virus infection)

Infectious Disease	E	M	MW	NE	NW	S	SE	W	Total
Campylobacter infection	44	3	6	5	7	16	8	14	103
Chickenpox - hospitalised cases	2	0	2	0	0	0	0	0	4
Chlamydia trachomatis infection	95	4	7	72	6	19	14	6	223
Clostridium difficile infection	10	2	0	2	2	4	7	2	29
COVID-19	5686	1060	1342	1327	854	2841	2378	1309	16797
Cryptosporidiosis	1	0	0	0	0	0	3	0	4
Giardiasis	1	0	1	0	0	0	1	2	5
Gonorrhoea	17	2	3	5	0	4	3	2	36
Haemophilus influenzae disease (invasive)	1	0	0	0	0	1	0	0	2
Hepatitis A (acute)	1	0	0	0	1	0	1	0	3
Hepatitis B (acute and chronic)	13	2	2	0	0	0	0	0	17
Hepatitis C	3	0	0	1	0	2	0	0	6
Herpes simplex (genital)	5	0	3	0	1	3	2	1	15
Human immunodeficiency virus infection	14	2	3	0	1	0	0	6	26
Influenza	3	1	0	5	0	3	0	1	13
Malaria	1	0	1	0	0	0	0	0	2
Monkeypox infection	12	0	0	0	0	0	0	0	12
Noroviral infection	16	0	4	1	0	2	0	0	23
Respiratory syncytial virus infection	6	1	0	2	4	4	1	0	18
Rotavirus infection	10	2	3	1	5	1	4	1	27
Salmonellosis	5	1	0	1	0	1	1	0	9
Shigellosis	4	1	0	1	0	0	1	0	7
Streptococcus group A infection (invasive)	0	0	0	0	1	0	0	0	1
Streptococcus pneumoniae infection (invasive)	4	1	0	0	0	0	1	1	7
Syphilis	13	1	0	0	0	2	1	0	17
Toxoplasmosis	1	0	0	0	0	0	0	0	1
Trichomoniasis	0	0	1	0	0	0	0	2	3
Tuberculosis	0	0	0	1	0	0	1	1	3
Verotoxigenic Escherichia coli infection	6	2	3	2	1	4	5	5	28
Viral meningitis	0	0	0	0	0	2	1	3	6
<b>Total</b>	<b>5974</b>	<b>1085</b>	<b>1381</b>	<b>1426</b>	<b>883</b>	<b>2909</b>	<b>2433</b>	<b>1356</b>	<b>17447</b>



Table 3: Infectious Diseases Notified by Age Group for Week 27, 2022

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	17	2	4	1	5	13	5	19	15	22	0	103
Chickenpox - hospitalised cases	0	1	0	1	1	1	0	0	0	0	0	4
Chlamydia trachomatis infection	0	0	0	26	93	75	21	5	3	0	0	223
Clostridium difficile infection	0	1	0	0	0	3	2	2	2	19	0	29
COVID-19	368	287	389	554	990	3088	3471	3021	2474	2155	0	16797
Cryptosporidiosis	4	0	0	0	0	0	0	0	0	0	0	4
Giardiasis	3	0	0	0	0	0	2	0	0	0	0	5
Gonorrhoea	1	0	0	4	5	17	7	1	1	0	0	36
Haemophilus influenzae disease (invasive)	0	0	0	0	0	0	1	0	0	1	0	2
Hepatitis A (acute)	0	0	0	0	0	0	2	0	1	0	0	3
Hepatitis B (acute and chronic)	0	0	0	0	1	4	10	2	0	0	0	17
Hepatitis C	0	0	0	0	0	1	2	3	0	0	0	6
Herpes simplex (genital)	0	0	0	1	6	3	2	1	0	2	0	15
Human immunodeficiency virus infection	0	0	0	0	1	9	7	7	2	0	0	26
Influenza	1	0	1	1	1	1	2	3	0	3	0	13
Malaria	0	0	0	0	0	1	0	0	0	0	1	2
Monkeypox infection	0	0	0	0	0	5	4	1	1	0	1	12
Noroviral infection	12	2	0	0	1	0	1	0	0	7	0	23
Respiratory syncytial virus infection	12	1	0	1	0	1	0	1	0	2	0	18
Rotavirus infection	19	8	0	0	0	0	0	0	0	0	0	27
Salmonellosis	2	0	1	0	0	2	1	2	1	0	0	9
Shigellosis	3	0	0	0	0	2	1	0	1	0	0	7
Streptococcus group A infection (invasive)	1	0	0	0	0	0	0	0	0	0	0	1
Streptococcus pneumoniae infection (invasive)	1	0	0	0	0	0	1	1	0	4	0	7
Syphilis	1	0	0	0	4	5	4	1	1	1	0	17
Toxoplasmosis	0	0	0	0	0	0	0	1	0	0	0	1
Trichomoniasis	0	0	0	0	0	2	1	0	0	0	0	3
Tuberculosis	0	0	0	0	0	1	1	0	1	0	0	3
Verotoxigenic Escherichia coli infection	6	3	0	1	4	1	1	3	4	5	0	28
Viral meningitis	4	0	0	0	0	2	0	0	0	0	0	6
<b>Total</b>	<b>455</b>	<b>305</b>	<b>395</b>	<b>590</b>	<b>1112</b>	<b>3237</b>	<b>3549</b>	<b>3074</b>	<b>2507</b>	<b>2221</b>	<b>2</b>	<b>17447</b>



Table 4: Infectious Diseases Notified by Sex for Week 27, 2022

Infectious Disease	Male	Female	Unknown	Not Specified	Total
Campylobacter infection	49	54	0	0	103
Chickenpox - hospitalised cases	3	1	0	0	4
Chlamydia trachomatis infection	110	107	0	6	223
Clostridium difficile infection	18	10	0	1	29
COVID-19	6841	9952	4	0	16797
Cryptosporidiosis	2	2	0	0	4
Giardiasis	2	3	0	0	5
Gonorrhoea	28	7	0	1	36
Haemophilus influenzae disease (invasive)	0	2	0	0	2
Hepatitis A (acute)	2	1	0	0	3
Hepatitis B (acute and chronic)	12	5	0	0	17
Hepatitis C	5	1	0	0	6
Herpes simplex (genital)	6	9	0	0	15
Human immunodeficiency virus infection	19	7	0	0	26
Influenza	8	5	0	0	13
Malaria	1	1	0	0	2
Monkeypox infection	12	0	0	0	12
Noroviral infection	11	12	0	0	23
Respiratory syncytial virus infection	9	9	0	0	18
Rotavirus infection	20	7	0	0	27
Salmonellosis	4	4	0	1	9
Shigellosis	4	3	0	0	7
Streptococcus group A infection (invasive)	1	0	0	0	1
Streptococcus pneumoniae infection (invasive)	4	3	0	0	7
Syphilis	17	0	0	0	17
Toxoplasmosis	0	1	0	0	1
Trichomoniasis	0	3	0	0	3
Tuberculosis	2	1	0	0	3
Verotoxigenic Escherichia coli infection	10	18	0	0	28
Viral meningitis	3	3	0	0	6
<b>Total</b>	<b>7203</b>	<b>10231</b>	<b>4</b>	<b>9</b>	<b>17447</b>



Table 5: Infectious Diseases Notified by Case Classification for Week 27, 2022

Infectious Disease	Confirmed	Probable	Possible	Not Specified	Total
Campylobacter infection	103	0	0	0	103
Chickenpox - hospitalised cases	4	0	0	0	4
Chlamydia trachomatis infection	223	0	0	0	223
Clostridium difficile infection	29	0	0	0	29
COVID-19	16792	3	2	0	16797
Cryptosporidiosis	4	0	0	0	4
Giardiasis	5	0	0	0	5
Gonorrhoea	36	0	0	0	36
Haemophilus influenzae disease (invasive)	2	0	0	0	2
Hepatitis A (acute)	3	0	0	0	3
Hepatitis B (acute and chronic)	17	0	0	0	17
Hepatitis C	6	0	0	0	6
Herpes simplex (genital)	15	0	0	0	15
Human immunodeficiency virus infection	26	0	0	0	26
Influenza	13	0	0	0	13
Malaria	2	0	0	0	2
Monkeypox infection	10	2	0	0	12
Noroviral infection	23	0	0	0	23
Respiratory syncytial virus infection	18	0	0	0	18
Rotavirus infection	27	0	0	0	27
Salmonellosis	8	1	0	0	9
Shigellosis	6	1	0	0	7
Streptococcus group A infection (invasive)	1	0	0	0	1
Streptococcus pneumoniae infection (invasive)	7	0	0	0	7
Syphilis	16	1	0	0	17
Toxoplasmosis	1	0	0	0	1
Trichomoniasis	3	0	0	0	3
Tuberculosis	3	0	0	0	3
Verotoxigenic Escherichia coli infection	25	3	0	0	28
Viral meningitis	6	0	0	0	6
<b>Total</b>	<b>17434</b>	<b>11</b>	<b>2</b>	<b>0</b>	<b>17447</b>

# 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 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.