

# HPSC - Weekly Infectious Disease Report



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

**Week 19, 2019**

(Notification Period: 05/05/2019 - 11/05/2019)

Data are Provisional

**Report produced by the Health Protection Surveillance Centre on 15/05/2019**

### 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 continued: Summary of Infectious Diseases Reported for Week 19, 2019

Infectious Disease	Week Ending	2019	2018	Increase/Decrease
	11/05/2019	Week 1 - 19	Week 1 - 19	+/-
Acute anterior poliomyelitis	0	0	0	0
Anthrax	0	0	0	0
Bacillus cereus food-borne infection or intoxication	0	1	0	1
Bacterial meningitis (not otherwise specified)	1	7	8	-1
Botulism	0	0	0	0
Brucellosis	0	0	0	0
Campylobacter infection	67	922	965	-43
Carbapenem-resistant Enterobacteriaceae infection (invasive)	1	6	6	0
Chancroid	0	0	0	0
Chickenpox - hospitalised cases	0	40	39	1
Chikungunya disease	0	0	0	0
Chlamydia trachomatis infection	206	3,182	2644	538
Cholera	0	0	0	0
Clostridium difficile infection	54	796	740	56
Clostridium perfringens (type A) food-borne disease	0	0	0	0
Creutzfeldt Jakob disease	0	2	0	2
Creutzfeldt Jakob disease (variant)	0	0	0	0
Cryptosporidiosis	29	282	352	-70
Cytomegalovirus infection (congenital)	0	5	6	-1
Dengue fever	0	4	3	1
Diphtheria	0	0	0	0
Echinococcosis	0	0	0	0
Giardiasis	4	88	93	-5
Gonorrhoea	66	1,065	761	304
Granuloma inguinale	0	0	0	0
Haemophilus influenzae disease (invasive)	2	35	32	3
Hepatitis A (acute)	1	17	8	9
Hepatitis B (acute and chronic)	11	193	193	0
Hepatitis C	10	159	245	-86
Hepatitis E	0	23	23	0
Herpes simplex (genital)	49	612	575	37
Herpes simplex (neonatal)	1	1	0	NA
Human immunodeficiency virus infection	23	182	152	30
Influenza	35	7,629	11343	-3,714
Legionellosis	0	5	4	1
Leprosy	0	0	0	0
Leptospirosis	0	6	7	-1
Listeriosis	1	6	7	-1
Lyme disease	0	4	2	2
Lymphogranuloma venereum	0	12	9	3
Malaria	0	13	28	-15
Measles	2	58	49	9
Meningococcal disease	1	42	50	-8
Mumps	65	1,166	127	1,039
Noroviral infection	27	433	567	-134
Paratyphoid	0	0	2	-2
Pertussis	3	39	38	1
Plague	0	0	0	0
Q fever	0	0	0	0
Rabies	0	0	0	0
Respiratory syncytial virus infection	6	1,641	1554	87
Rotavirus infection	40	435	195	240
Rubella	0	3	0	3
Salmonellosis	15	106	78	28
Severe Acute Respiratory Syndrome (SARS)	0	0	0	0
Shigellosis	6	33	36	-3
Smallpox	0	0	0	0
Staphylococcal food poisoning	0	0	0	0
Streptococcus group A infection (invasive)	3	48	63	-15
Streptococcus group B infection (invasive)	4	26	15	11
Streptococcus pneumoniae infection (invasive)	11	203	246	-43
Syphilis	11	280	165	115
Tetanus	0	0	0	0
Toxoplasmosis	3	18	10	8
Trichinosis	0	0	0	0
Trichomoniasis	0	21	25	-4
Tuberculosis	7	116	109	7
Tularemia	0	0	0	0
Typhoid	1	8	3	5
Typhus	0	0	0	0
Verotoxigenic Escherichia coli infection	10	182	238	-56
Viral encephalitis	1	32	23	9
Viral haemorrhagic fevers	0	0	0	0
Viral meningitis	8	106	60	46
West Nile fever	0	0	0	0
Yellow fever	0	0	0	0
Yersiniosis	0	5	3	2
Zika virus infection	0	0	0	0
<b>Total</b>	<b>785</b>	<b>20298</b>		

NA: Neonatal herpes simplex was included in the list of notifiable diseases in Ireland under the Infectious Diseases (Amendment) Regulations 2018 SI 567 of December 2018 therefore no comparable data are available for the previous year.



**Table 2: Infectious Diseases Notified by HSE Area for Week 19, 2019 (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	ERHA	MHB	MWHB	NEHB	NWHB	SEHB	SHB	WHB	Total
Bacterial meningitis (not otherwise specified)	0	0	0	1	0	0	0	0	1
Campylobacter infection	19	3	9	6	1	14	9	6	67
Carbapenem-resistant Enterobacteriaceae infection (invasive)	1	0	0	0	0	0	0	0	1
Chlamydia trachomatis infection	121	0	23	7	2	15	20	18	206
Clostridium difficile infection	32	4	6	4	2	5	0	1	54
Cryptosporidiosis	1	4	3	2	1	3	10	5	29
Giardiasis	0	0	0	0	0	1	1	2	4
Gonorrhoea	52	0	3	1	1	3	2	4	66
Haemophilus influenzae disease (invasive)	1	0	0	0	0	1	0	0	2
Hepatitis A (acute)	1	0	0	0	0	0	0	0	1
Hepatitis B (acute and chronic)	11	0	0	0	0	0	0	0	11
Hepatitis C	8	0	0	0	1	0	1	0	10
Herpes simplex (genital)	32	0	5	1	2	1	3	5	49
Herpes simplex (neonatal)	0	0	0	0	0	1	0	0	1
Human immunodeficiency virus infection	18	0	2	0	0	0	0	3	23
Influenza	23	1	5	1	0	3	0	2	35
Listeriosis	0	0	1	0	0	0	0	0	1
Measles	1	0	0	0	0	0	1	0	2
Meningococcal disease	0	0	0	0	0	0	0	1	1
Mumps	32	4	7	7	6	1	2	6	65
Noroviral infection	19	0	3	2	0	1	1	1	27
Pertussis	0	0	0	0	1	2	0	0	3
Respiratory syncytial virus infection	6	0	0	0	0	0	0	0	6
Rotavirus infection	4	4	15	5	1	3	5	3	40
Salmonellosis	6	1	1	3	1	0	0	3	15
Shigellosis	2	0	0	1	0	0	0	3	6
Streptococcus group A infection (invasive)	0	0	0	1	0	0	1	1	3
Streptococcus group B infection (invasive)	2	0	0	1	0	1	0	0	4
Streptococcus pneumoniae infection (invasive)	6	0	1	0	0	0	4	0	11
Syphilis	8	0	0	1	0	0	2	0	11
Toxoplasmosis	2	0	0	0	0	1	0	0	3
Tuberculosis	5	1	0	1	0	0	0	0	7
Verotoxigenic Escherichia coli infection	2	1	1	2	0	1	2	1	10
Viral encephalitis	1	0	0	0	0	0	0	0	1
Viral meningitis	7	0	0	0	0	1	0	0	8
<b>Total</b>	<b>423</b>	<b>23</b>	<b>85</b>	<b>47</b>	<b>19</b>	<b>58</b>	<b>64</b>	<b>65</b>	<b>784</b>



Table 3: Infectious Diseases Notified by Age Group for Week 19, 2019

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)	0	0	0	0	0	0	1	0	0	0	0	1
Campylobacter infection	11	6	5	1	3	11	7	11	1	11	0	67
Carbapenem-resistant Enterobacteriaceae infection (inv)	0	0	0	0	0	0	0	0	0	1	0	1
Chlamydia trachomatis infection	0	0	0	28	76	68	30	3	1	0	0	206
Clostridium difficile infection	1	2	0	0	0	4	3	2	7	35	0	54
Cryptosporidiosis	12	4	2	3	1	2	1	0	1	2	1	29
Giardiasis	1	0	0	0	0	0	1	0	1	1	0	4
Gonorrhoea	0	0	0	5	11	31	12	4	3	0	0	66
Haemophilus influenzae disease (invasive)	0	0	0	0	0	0	0	1	0	1	0	2
Hepatitis A (acute)	0	0	0	0	0	0	1	0	0	0	0	1
Hepatitis B (acute and chronic)	0	0	0	1	2	4	3	1	0	0	0	11
Hepatitis C	0	0	0	0	0	4	4	1	1	0	0	10
Herpes simplex (genital)	0	0	0	4	14	17	7	4	2	1	0	49
Herpes simplex (neonatal)	1	0	0	0	0	0	0	0	0	0	0	1
Human immunodeficiency virus infection	1	0	0	1	0	12	6	3	0	0	0	23
Influenza	2	0	4	2	1	2	5	3	3	13	0	35
Listeriosis	0	0	0	0	0	0	0	0	1	0	0	1
Measles	0	0	0	1	0	1	0	0	0	0	0	2
Meningococcal disease	1	0	0	0	0	0	0	0	0	0	0	1
Mumps	0	0	5	17	21	11	6	1	2	0	2	65
Noroviral infection	10	0	1	0	1	0	5	2	1	7	0	27
Pertussis	0	0	1	1	0	0	0	0	1	0	0	3
Respiratory syncytial virus infection	5	1	0	0	0	0	0	0	0	0	0	6
Rotavirus infection	25	4	0	1	1	1	0	0	2	6	0	40
Salmonellosis	0	1	2	0	0	3	1	0	3	5	0	15
Shigellosis	0	0	2	0	0	2	1	0	1	0	0	6
Streptococcus group A infection (invasive)	0	0	0	0	0	0	0	0	1	2	0	3
Streptococcus group B infection (invasive)	4	0	0	0	0	0	0	0	0	0	0	4
Streptococcus pneumoniae infection (invasive)	1	1	0	0	0	1	0	2	1	5	0	11
Syphilis	0	0	0	0	1	7	1	2	0	0	0	11
Toxoplasmosis	0	0	0	0	1	0	2	0	0	0	0	3
Tuberculosis	0	0	0	0	0	4	0	1	1	1	0	7
Typhoid	0	0	1	0	0	0	0	0	0	0	0	1
Verotoxigenic Escherichia coli infection	4	1	1	0	1	0	0	0	0	3	0	10
Viral encephalitis	0	0	0	0	0	0	0	0	0	1	0	1
Viral meningitis	4	0	0	1	0	1	2	0	0	0	0	8
<b>Total</b>	<b>83</b>	<b>20</b>	<b>24</b>	<b>66</b>	<b>134</b>	<b>186</b>	<b>99</b>	<b>41</b>	<b>34</b>	<b>95</b>	<b>3</b>	<b>785</b>



Table 4: Infectious Diseases Notified by Sex for Week 19, 2019

Infectious Disease	Male	Female	Unknown	Not Specified	Total
Bacterial meningitis (not otherwise specified)	0	1	0	0	1
Campylobacter infection	34	33	0	0	67
Carbapenem-resistant Enterobacteriaceae infection (inva	0	1	0	0	1
Chlamydia trachomatis infection	110	96	0	0	206
Clostridium difficile infection	19	35	0	0	54
Cryptosporidiosis	14	15	0	0	29
Giardiasis	1	3	0	0	4
Gonorrhoea	51	13	2	0	66
Haemophilus influenzae disease (invasive)	0	2	0	0	2
Hepatitis A (acute)	1	0	0	0	1
Hepatitis B (acute and chronic)	2	9	0	0	11
Hepatitis C	6	4	0	0	10
Herpes simplex (genital)	14	35	0	0	49
Herpes simplex (neonatal)	1	0	0	0	1
Human immunodeficiency virus infection	11	12	0	0	23
Influenza	20	14	0	1	35
Listeriosis	1	0	0	0	1
Measles	0	2	0	0	2
Meningococcal disease	0	1	0	0	1
Mumps	30	34	1	0	65
Noroviral infection	11	16	0	0	27
Pertussis	2	1	0	0	3
Respiratory syncytial virus infection	4	2	0	0	6
Rotavirus infection	15	25	0	0	40
Salmonellosis	11	4	0	0	15
Shigellosis	5	1	0	0	6
Streptococcus group A infection (invasive)	1	2	0	0	3
Streptococcus group B infection (invasive)	1	3	0	0	4
Streptococcus pneumoniae infection (invasive)	7	4	0	0	11
Syphilis	10	1	0	0	11
Toxoplasmosis	1	2	0	0	3
Tuberculosis	5	2	0	0	7
Typhoid	0	1	0	0	1
Verotoxigenic Escherichia coli infection	2	8	0	0	10
Viral encephalitis	0	1	0	0	1
Viral meningitis	4	4	0	0	8
<b>Total</b>	<b>394</b>	<b>387</b>	<b>3</b>	<b>1</b>	<b>785</b>



Table 5: Infectious Diseases Notified by Case Classification for Week 19, 2019

Infectious Disease	Confirmed	Probable	Possible	Not Specified	Total
Bacterial meningitis (not otherwise specified)	1	0	0	0	1
Campylobacter infection	67	0	0	0	67
Carbapenem-resistant Enterobacteriaceae infection (inv)	1	0	0	0	1
Chlamydia trachomatis infection	206	0	0	0	206
Clostridium difficile infection	54	0	0	0	54
Cryptosporidiosis	29	0	0	0	29
Giardiasis	4	0	0	0	4
Gonorrhoea	66	0	0	0	66
Haemophilus influenzae disease (invasive)	2	0	0	0	2
Hepatitis A (acute)	1	0	0	0	1
Hepatitis B (acute and chronic)	11	0	0	0	11
Hepatitis C	10	0	0	0	10
Herpes simplex (genital)	49	0	0	0	49
Herpes simplex (neonatal)	1	0	0	0	1
Human immunodeficiency virus infection	23	0	0	0	23
Influenza	35	0	0	0	35
Listeriosis	0	1	0	0	1
Measles	0	0	2	0	2
Meningococcal disease	1	0	0	0	1
Mumps	44	2	19	0	65
Noroviral infection	27	0	0	0	27
Pertussis	3	0	0	0	3
Respiratory syncytial virus infection	6	0	0	0	6
Rotavirus infection	40	0	0	0	40
Salmonellosis	14	1	0	0	15
Shigellosis	5	1	0	0	6
Streptococcus group A infection (invasive)	3	0	0	0	3
Streptococcus group B infection (invasive)	4	0	0	0	4
Streptococcus pneumoniae infection (invasive)	11	0	0	0	11
Syphilis	10	1	0	0	11
Toxoplasmosis	3	0	0	0	3
Tuberculosis	3	1	3	0	7
Typhoid	1	0	0	0	1
Verotoxigenic Escherichia coli infection	8	2	0	0	10
Viral encephalitis	1	0	0	0	1
Viral meningitis	8	0	0	0	8
<b>Total</b>	<b>752</b>	<b>9</b>	<b>24</b>	<b>0</b>	<b>785</b>

## Guidance Notes

### 1. Case Definitions for Notifiable Diseases

The latest version of case definitions is available on the HPSC website at <http://www.hpsc.ie/NotifiableDiseases/CaseDefinitions/>

### 2. 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.

### 3. Hepatitis B (acute and chronic) infection

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

### 4. 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.

### 5. 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.

### 6. 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.