

# HPSC - Weekly Infectious Disease Report



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

**Week 38, 2020**

(Notification Period: 13/09/2020 - 19/09/2020)

**Data are Provisional**

**Report produced by the Health Protection Surveillance Centre on 23/09/2020**

## 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 38, 2020

Infectious Disease	Week Ending	2020	2019	Increase/ Decrease
	19/09/2020	Week 1 - 38	Week 1 - 38	+/-
Acute anterior poliomyelitis	0	0	0	0
Anthrax	0	0	0	0
Bacillus cereus food-borne infection or intoxication	0	1	1	0
Bacterial meningitis (not otherwise specified)	1	15	14	1
Botulism	0	0	0	0
Brucellosis	0	0	0	0
Campylobacter infection	32	1,839	2191	-352
Carbapenem-resistant Enterobacteriaceae infection (invasive)	1	10	12	-2
Chancroid	0	0	0	0
Chickenpox - hospitalised cases	0	24	79	-55
Chikungunya disease	0	0	1	-1
Chlamydia trachomatis infection	118	4,662	6441	-1,779
Cholera	0	0	0	0
Clostridium difficile infection	39	1,275	1666	-391
Clostridium perfringens (type A) food-borne disease	0	2	1	1
COVID-19*	1951	33,389	0	33,389
Creutzfeldt Jakob disease	0	6	2	4
Creutzfeldt Jakob disease (variant)	0	0	0	0
Cryptosporidiosis	5	451	524	-73
Cytomegalovirus infection (congenital)	0	14	13	1
Dengue fever	0	3	16	-13
Diphtheria	0	0	0	0
Echinococcosis	0	0	0	0
Giardiasis	2	124	192	-68
Gonorrhoea	37	1,528	1976	-448
Granuloma inguinale	0	0	0	0
Haemophilus influenzae disease (invasive)	0	29	48	-19
Hepatitis A (acute)	1	13	42	-29
Hepatitis B (acute and chronic)	5	246	366	-120
Hepatitis C	2	265	334	-69
Hepatitis E	2	58	53	5
Herpes simplex (genital)	15	809	1197	-388
Herpes simplex (neonatal)	0	2	2	0
Human immunodeficiency virus infection	8	349	369	-20
Influenza	0	7,780	7870	-90
Legionellosis	1	10	16	-6
Leprosy	0	1	0	1
Leptospirosis	1	20	12	8
Listeriosis	0	5	13	-8
Lyme disease	0	10	5	5
Lymphogranuloma venereum	0	9	23	-14
Malaria	1	11	59	-48
Measles	0	15	54	-39
Meningococcal disease	1	21	56	-35
Mumps	17	2,859	1746	1,113
Noroviral infection	4	515	881	-366
Paratyphoid	0	1	1	0
Pertussis	0	64	107	-43
Plague	0	0	0	0
Q fever	1	2	2	0
Rabies	0	0	0	0
Respiratory syncytial virus infection	0	1,946	1741	205
Rotavirus infection	3	111	890	-779



Table 1: Summary of Infectious Diseases Reported for Week 38, 2020

Infectious Disease	Week Ending	2020	2019	Increase/ Decrease
	19/09/2020	Week 1 - 38	Week 1 - 38	+/-
Rubella	0	2	0	2
Salmonellosis	2	168	259	-91
Severe Acute Respiratory Syndrome (SARS)	0	0	0	0
Shigellosis	3	52	111	-59
Smallpox	0	0	0	0
Staphylococcal food poisoning	0	0	0	0
Streptococcus group A infection (invasive)	0	42	85	-43
Streptococcus group B infection (invasive)	0	29	45	-16
Streptococcus pneumoniae infection (invasive)	2	215	310	-95
Syphilis	13	388	561	-173
Tetanus	0	0	0	0
Toxoplasmosis	1	13	39	-26
Trichinosis	0	0	0	0
Trichomoniasis	3	29	41	-12
Tuberculosis	8	181	202	-21
Tularemia	0	0	0	0
Typhoid	0	2	25	-23
Typhus	0	0	0	0
Verotoxigenic Escherichia coli infection	27	647	659	-12
Viral encephalitis	1	34	61	-27
Viral haemorrhagic fevers	0	0	0	0
Viral meningitis	2	111	255	-144
West Nile fever	0	1	0	1
Yellow fever	0	0	0	0
Yersiniosis	0	10	7	3
Zika virus infection	0	2	0	2
<b>Total</b>	<b>2310</b>	<b>60420</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



**Table 2: Infectious Diseases Notified by HSE Area for Week 38, 2020**  
(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
Bacterial meningitis (not otherwise specified)	0	0	0	0	0	1	0	0	1
Campylobacter infection	7	0	3	3	1	6	3	9	32
Carbapenem-resistant Enterobacteriaceae infection (invasive)	0	0	1	0	0	0	0	0	1
Chlamydia trachomatis infection	61	4	10	2	0	18	14	9	118
Clostridium difficile infection	15	0	5	1	2	9	4	3	39
COVID-19	1221	69	72	149	116	120	123	81	1951
Cryptosporidiosis	0	1	0	1	1	1	1	0	5
Giardiasis	0	0	0	0	0	1	1	0	2
Gonorrhoea	29	1	1	0	0	0	4	2	37
Hepatitis A (acute)	0	0	0	0	0	0	1	0	1
Hepatitis B (acute and chronic)	3	0	1	0	0	0	0	1	5
Hepatitis C	2	0	0	0	0	0	0	0	2
Hepatitis E	0	1	1	0	0	0	0	0	2
Herpes simplex (genital)	7	0	2	1	0	1	3	1	15
Human immunodeficiency virus infection	5	0	0	2	0	0	1	0	8
Legionellosis	1	0	0	0	0	0	0	0	1
Leptospirosis	1	0	0	0	0	0	0	0	1
Malaria	1	0	0	0	0	0	0	0	1
Meningococcal disease	1	0	0	0	0	0	0	0	1
Mumps	0	0	17	0	0	0	0	0	17
Noroviral infection	4	0	0	0	0	0	0	0	4
Q fever	0	0	0	0	0	0	0	1	1
Rotavirus infection	1	0	0	0	0	0	1	1	3
Salmonellosis	0	0	1	0	0	1	0	0	2
Shigellosis	2	0	0	0	0	0	1	0	3
Streptococcus pneumoniae infection (invasive)	1	0	0	0	0	0	1	0	2
Syphilis	11	0	0	0	1	0	1	0	13
Toxoplasmosis	0	0	0	0	0	1	0	0	1
Trichomoniasis	0	0	3	0	0	0	0	0	3
Tuberculosis	3	0	0	0	0	2	3	0	8
Verotoxigenic Escherichia coli infection	4	3	6	1	1	4	3	5	27
Viral encephalitis	0	0	0	0	1	0	0	0	1
Viral meningitis	0	0	0	0	0	2	0	0	2
<b>Total</b>	<b>1380</b>	<b>79</b>	<b>123</b>	<b>160</b>	<b>123</b>	<b>167</b>	<b>165</b>	<b>113</b>	<b>2310</b>



Table 3: Infectious Diseases Notified by Age Group for Week 38, 2020

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	0	1	0	0	0	1
Campylobacter infection	5	0	1	0	3	2	1	7	4	9	0	32
Carbapenem-resistant Enterobacteriaceae infection (inv)	0	0	0	0	0	0	0	0	1	0	0	1
Chlamydia trachomatis infection	0	0	0	7	59	32	12	6	1	1	0	118
Clostridium difficile infection	1	0	0	0	1	4	4	6	6	17	0	39
COVID-19	68	67	94	190	268	306	285	285	191	197	0	1951
Cryptosporidiosis	1	1	0	0	0	2	1	0	0	0	0	5
Giardiasis	0	0	0	0	0	1	0	0	0	1	0	2
Gonorrhoea	0	0	0	1	9	14	8	3	1	1	0	37
Hepatitis A (acute)	0	1	0	0	0	0	0	0	0	0	0	1
Hepatitis B (acute and chronic)	0	0	0	1	0	3	1	0	0	0	0	5
Hepatitis C	0	0	0	0	0	0	1	1	0	0	0	2
Hepatitis E	0	0	0	0	1	1	0	0	0	0	0	2
Herpes simplex (genital)	0	0	0	2	3	5	2	2	1	0	0	15
Human immunodeficiency virus infection	0	0	0	0	1	2	4	1	0	0	0	8
Legionellosis	0	0	0	0	0	0	0	0	1	0	0	1
Leptospirosis	0	0	0	0	0	0	0	0	1	0	0	1
Malaria	0	0	0	0	0	0	1	0	0	0	0	1
Meningococcal disease	0	0	0	0	0	1	0	0	0	0	0	1
Mumps	0	0	0	5	8	1	0	2	1	0	0	17
Noroviral infection	0	0	0	0	0	0	2	1	0	1	0	4
Q fever	0	0	0	0	0	0	0	0	0	1	0	1
Rotavirus infection	3	0	0	0	0	0	0	0	0	0	0	3
Salmonellosis	0	0	0	0	0	0	0	0	0	2	0	2
Shigellosis	0	0	0	0	0	2	1	0	0	0	0	3
Streptococcus pneumoniae infection (invasive)	0	0	0	0	0	0	1	1	0	0	0	2
Syphilis	0	0	0	0	1	7	4	1	0	0	0	13
Toxoplasmosis	0	0	0	0	0	0	1	0	0	0	0	1
Trichomoniasis	0	0	0	1	0	2	0	0	0	0	0	3
Tuberculosis	0	0	0	0	1	3	3	0	1	0	0	8
Verotoxigenic Escherichia coli infection	8	1	1	1	2	2	4	1	2	5	0	27
Viral encephalitis	0	0	0	0	0	0	0	0	1	0	0	1
Viral meningitis	0	0	0	0	1	0	1	0	0	0	0	2
<b>Total</b>	<b>86</b>	<b>70</b>	<b>96</b>	<b>208</b>	<b>358</b>	<b>390</b>	<b>337</b>	<b>318</b>	<b>212</b>	<b>235</b>	<b>0</b>	<b>2310</b>



Table 4: Infectious Diseases Notified by Sex for Week 38, 2020

Infectious Disease	Male	Female	Unknown	Not Specified	Total
Bacterial meningitis (not otherwise specified)	1	0	0	0	1
Campylobacter infection	19	13	0	0	32
Carbapenem-resistant Enterobacteriaceae infection (inva	1	0	0	0	1
Chlamydia trachomatis infection	70	46	0	2	118
Clostridium difficile infection	13	25	0	1	39
COVID-19	965	986	0	0	1951
Cryptosporidiosis	1	4	0	0	5
Giardiasis	1	1	0	0	2
Gonorrhoea	36	1	0	0	37
Hepatitis A (acute)	1	0	0	0	1
Hepatitis B (acute and chronic)	2	3	0	0	5
Hepatitis C	2	0	0	0	2
Hepatitis E	0	2	0	0	2
Herpes simplex (genital)	5	10	0	0	15
Human immunodeficiency virus infection	5	2	1	0	8
Legionellosis	1	0	0	0	1
Leptospirosis	1	0	0	0	1
Malaria	1	0	0	0	1
Meningococcal disease	1	0	0	0	1
Mumps	8	9	0	0	17
Noroviral infection	2	2	0	0	4
Q fever	1	0	0	0	1
Rotavirus infection	2	1	0	0	3
Salmonellosis	2	0	0	0	2
Shigellosis	2	1	0	0	3
Streptococcus pneumoniae infection (invasive)	0	2	0	0	2
Syphilis	13	0	0	0	13
Toxoplasmosis	1	0	0	0	1
Trichomoniasis	0	3	0	0	3
Tuberculosis	6	2	0	0	8
Verotoxigenic Escherichia coli infection	8	19	0	0	27
Viral encephalitis	1	0	0	0	1
Viral meningitis	1	1	0	0	2
<b>Total</b>	<b>1173</b>	<b>1133</b>	<b>1</b>	<b>3</b>	<b>2310</b>



Table 5: Infectious Diseases Notified by Case Classification for Week 38, 2020

Infectious Disease	Confirmed	Probable	Possible	Not Specified	Total
Bacterial meningitis (not otherwise specified)	0	0	1	0	1
Campylobacter infection	32	0	0	0	32
Carbapenem-resistant Enterobacteriaceae infection (inv)	1	0	0	0	1
Chlamydia trachomatis infection	118	0	0	0	118
Clostridium difficile infection	39	0	0	0	39
COVID-19	1950	0	1	0	1951
Cryptosporidiosis	5	0	0	0	5
Giardiasis	2	0	0	0	2
Gonorrhoea	37	0	0	0	37
Hepatitis A (acute)	1	0	0	0	1
Hepatitis B (acute and chronic)	5	0	0	0	5
Hepatitis C	2	0	0	0	2
Hepatitis E	2	0	0	0	2
Herpes simplex (genital)	15	0	0	0	15
Human immunodeficiency virus infection	8	0	0	0	8
Legionellosis	1	0	0	0	1
Leptospirosis	1	0	0	0	1
Malaria	1	0	0	0	1
Meningococcal disease	0	0	1	0	1
Mumps	0	1	16	0	17
Noroviral infection	4	0	0	0	4
Q fever	1	0	0	0	1
Rotavirus infection	3	0	0	0	3
Salmonellosis	1	1	0	0	2
Shigellosis	2	1	0	0	3
Streptococcus pneumoniae infection (invasive)	2	0	0	0	2
Syphilis	13	0	0	0	13
Toxoplasmosis	1	0	0	0	1
Trichomoniasis	3	0	0	0	3
Tuberculosis	4	4	0	0	8
Verotoxigenic Escherichia coli infection	18	7	2	0	27
Viral encephalitis	1	0	0	0	1
Viral meningitis	0	0	2	0	2
<b>Total</b>	<b>2273</b>	<b>14</b>	<b>23</b>	<b>0</b>	<b>2310</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. 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.