



Infectious Disease Notifications in Ireland, 2020 - 2024



Figures are provisional for: 2024

Figures may differ from those previously published, due to ongoing updating of notification data on the Computerised Infectious Disease Reporting (CIDR) system. These figures were extracted from the CIDR System on: 05/11/2025

Figures for the EARS-Net pathogens (*Escherichia coli*, Enterococci, *Klebsiella pneumoniae*, *Pseudomonas aeruginosa* and *Staphylococcus aureus*) and certain sexually transmitted infections (specifically, ano-genital warts and non-specific urethritis) are not provided here, as these diseases were not notified via the CIDR system during the above period.



Table 1. Number of Infectious Disease Notifications in Ireland, all case classifications: 2020 - 2024
as specified under Infectious Diseases (Amendment) Regulations 2024 (S.I. No. 528 of 2024)

	2020	2021	2022	2023	2024
Acute anterior poliomyelitis	0	0	0	0	0
Anthrax	0	0	0	0	0
Bacillus cereus food-borne infection or intoxication	1	0	3	0	0
Bacterial meningitis (not otherwise specified)	18	12	11	15	17
Botulism	0	0	2	0	1
Brucellosis	0	0	1	5	1
Campylobacter infection ^	2429	3143	3611	3737	3984
Carbapenem-resistant Enterobacteriaceae infection (invasive)	9	10	23	31	28
Chancroid	0	0	0	0	0
Chickenpox - hospitalised cases	25	23	75	165	75
Chikungunya disease	0	0	0	0	0
Chlamydia trachomatis infection ^	6939	7205	10929	13706	11534
Cholera	0	0	0	0	1
Clostridium difficile infection	1726	1763	2211	2254	2583
Clostridium perfringens (type A) food-borne disease	3	0	3	1	1
COVID-19 ‡	102346	672437	919499	35589	23313
Creutzfeldt Jakob disease	6	10	6	19	7
Creutzfeldt Jakob disease (variant)	0	0	0	0	0
Cryptosporidiosis	511	845	566	870	640
Cytomegalovirus infection (congenital)	23	17	24	17	26
Dengue fever	3	2	9	20	49
Diphtheria	0	0	0	0	0
Echinococcosis	0	1	1	0	3
Giardiasis	163	160	261	324	362
Gonorrhoea	2059	2091	4060	6802	5961
Granuloma inguinale	0	0	0	0	0
Haemophilus influenzae disease (invasive)	31	18	69	72	82
Hepatitis A (acute)	37	82	66	46	66
Hepatitis B (acute and chronic)	326	415	499	581	604
Hepatitis C	315	414	480	530	462
Hepatitis E	75	58	39	46	43
Herpes simplex (genital)	1133	1304	1613	1686	1836
Herpes simplex (neonatal)	4	4	1	1	0
Human immunodeficiency virus infection §	438	395	879	904	988
Influenza	7775	39	10392	11751	21297
Legionellosis	14	7	26	34	29
Leprosy	1	1	1	0	1
Leptospirosis	26	16	13	44	16
Listeriosis	6	15	18	18	22
Lyme disease	12	4	4	6	7
Lymphogranuloma venereum	14	17	28	37	38
Malaria	15	39	53	89	78
Measles	5	0	2	4	207

	2020	2021	2022	2023	2024
Meningococcal disease	22	10	31	42	66
Mpox infection *‡	0	0	229	15	25
Mumps	2918	109	94	133	192
Noroviral infection ^	544	437	990	1363	1947
Outbreak	0	0	0	0	0
Paratyphoid	1	0	7	12	10
Pertussis	66	5	7	18	713
Plague	0	0	0	0	0
Q fever	2	0	0	4	1
Rabies	0	0	0	0	0
Respiratory syncytial virus infection ^	1945	4371	7126	7808	4796
Rotavirus infection ^	158	166	467	559	791
Rubella	1	0	0	0	0
Salmonellosis	219	173	341	406	391
Severe Acute Respiratory Syndrome (SARS)	0	0	0	0	0
Shigellosis	74	70	157	225	214
Smallpox	0	0	0	0	0
Staphylococcal food poisoning	0	0	0	0	0
Streptococcus group A infection (invasive)	43	34	99	532	341
Streptococcus group B infection (invasive)	34	42	30	36	47
Streptococcus pneumoniae infection (invasive)	249	177	375	432	488
Syphilis	604	713	884	910	1017
Tetanus	0	0	0	0	0
Toxoplasmosis	21	19	16	20	14
Trichinosis	0	0	0	0	0
Trichomoniasis *	38	28	70	70	211
Tuberculosis	229	203	207	219	288
Tularemia	0	0	0	1	0
Typhoid	2	9	31	15	26
Typhus	0	0	0	1	1
Verotoxigenic Escherichia coli infection	811	948	975	912	795
Viral encephalitis	48	64	37	62	75
Viral haemorrhagic fevers	0	0	0	0	0
Viral meningitis	142	131	319	318	280
West Nile fever	0	0	0	1	1
Yellow fever	0	0	0	0	0
Yersiniosis	13	18	17	30	40
Zika virus infection	2	0	0	1	0

NA: Indicates that data for the diseases and years indicated above are not available in CIDR.

^ Since 17/03/2013 events of Chlamydia trachomatis infection (genital), Noroviral infection, Respiratory syncytial virus (RSV) infection & Rotavirus infection created by the former HSE East region were 'fast-tracked' & refer to notifications rather than patients; this practice ceased for RSV notifications on 21/06/2022 and for Chlamydia, Norovirus and Rotavirus notifications on 01/01/2023. Since week 1 2025 (Jan 6th 2025) data on Chlamydia trachomatis infection, Noroviral infection and Campylobacter infections are only reported at national level. It is not possible to report data on these infections by individual health region. This change is due to the implementation of a 'fast-tracked' method for processing these diseases.

‡ COVID-19 became notifiable on 20/02/2020.

\$ HIV notifications in this report represent the first time each (an) individual has a positive HIV test in Ireland. This will include people who have their first positive HIV test ever, and those who are living with HIV, having previously had a positive HIV test outside of Ireland. The HPSC annual HIV report provides further information where these data are separated further <https://www.hpsc.ie/a-z/hivandaids/hivdataandreports>

*‡ mpox became notifiable on 27/05/2022.

* Since 1st January 2024, the case definition for trichomoniasis has been updated to include the detection of T. vaginalis nucleic acid target in specimens from clinically appropriate sites using a validated method. This has resulted in increased reporting and direct comparison with data from earlier years is not valid.

For more information on notifiable infectious diseases, please see HPSC case definitions for notifiable diseases, available at www.hpsc.ie

**Table 2. Infectious Disease Notifications in Ireland by case classification, 2024**

Case Classifications are assigned to notifications as per the relevant Case Definitions for Notifiable Diseases

	Confirmed	Probable	Possible	Not Specified	Total
Bacterial meningitis (not otherwise specified)	11	5	1	0	17
Campylobacter infection ^	3983	1	0	0	3984
Carbapenem-resistant Enterobacteriaceae infection (invasive)	28	0	0	0	28
Chickenpox - hospitalised cases	64	2	9	0	75
Chlamydia trachomatis infection ^	11534	0	0	0	11534
Clostridium difficile infection	2583	0	0	0	2583
COVID-19	23186	28	99	0	23313
Creutzfeldt Jakob disease	0	5	2	0	7
Cryptosporidiosis	634	6	0	0	640
Cytomegalovirus infection (congenital)	26	0	0	0	26
Dengue fever	49	0	0	0	49
Giardiasis	361	1	0	0	362
Gonorrhoea	5960	1	0	0	5961
Haemophilus influenzae disease (invasive)	82	0	0	0	82
Hepatitis A (acute)	66	0	0	0	66
Hepatitis B (acute and chronic)	604	0	0	0	604
Hepatitis C	462	0	0	0	462
Hepatitis E	43	0	0	0	43
Herpes simplex (genital)	1833	3	0	0	1836
Human immunodeficiency virus infection	988	0	0	0	988
Influenza	21280	2	13	2	21297
Legionellosis	28	1	0	0	29
Leptospirosis	15	1	0	0	16
Listeriosis	22	0	0	0	22
Lyme disease	7	0	0	0	7
Lymphogranuloma venereum	38	0	0	0	38
Malaria	78	0	0	0	78
Measles	184	22	1	0	207
Meningococcal disease	63	0	3	0	66
Mpox infection	25	0	0	0	25
Mumps	101	8	82	1	192
Noroviral infection ^	1947	0	0	0	1947
Paratyphoid	10	0	0	0	10
Pertussis	539	103	71	0	713
Respiratory syncytial virus infection ^	4795	0	1	0	4796
Rotavirus infection ^	791	0	0	0	791
Salmonellosis	391	0	0	0	391
Shigellosis	166	48	0	0	214
Streptococcus group A infection (invasive)	329	12	0	0	341
Streptococcus group B infection (invasive)	47	0	0	0	47
Streptococcus pneumoniae infection (invasive)	487	0	1	0	488
Syphilis	972	45	0	0	1017
Toxoplasmosis	14	0	0	0	14
Trichomoniasis	211	0	0	0	211
Tuberculosis	240	32	16	0	288
Typhoid	25	1	0	0	26
Verotoxigenic Escherichia coli infection	756	39	0	0	795
Viral encephalitis	74	0	1	0	75
Viral meningitis	278	2	0	0	280
Yersiniosis	40	0	0	0	40

Note: Infectious diseases with <5 cases are not presented here, see Summary Table on Page 2 of this report for details of these diseases.

^ Since 17/03/2013 events of Chlamydia trachomatis infection (genital), Noroviral infection, Respiratory syncytial virus (RSV) infection & Rotavirus infection created by the former HSE East region were 'fast-tracked' & refer to notifications rather than patients; this practice ceased for RSV notifications on 21/06/2022 and for Chlamydia, Norovirus and Rotavirus notifications on 01/01/2023. Since week 1 2025 (Jan 6th 2025) data on Chlamydia trachomatis infection, Noroviral infection and Campylobacter infections are only reported at national level. It is not possible to report data on these infections by individual health region. This change is due to the implementation of a 'fast-tracked' method for processing these diseases.



Table 3. Infectious Disease Notifications in Ireland by gender, 2024

	Male	Female	Unknown	Not Specified	Total
Bacterial meningitis (not otherwise specified)	7	10	0	0	17
Campylobacter infection ^	2215	1761	2	6	3984
Carbapenem-resistant Enterobacteriaceae infection (invasive)	18	10	0	0	28
Chickenpox - hospitalised cases	38	37	0	0	75
Chlamydia trachomatis infection ^	6041	5464	25	4	11534
Clostridium difficile infection	1100	1481	0	2	2583
COVID-19	11111	12201	1	0	23313
Creutzfeldt Jakob disease	3	3	0	1	7
Cryptosporidiosis	319	318	0	3	640
Cytomegalovirus infection (congenital)	16	10	0	0	26
Dengue fever	23	26	0	0	49
Giardiasis	248	114	0	0	362
Gonorrhoea	4943	1008	8	2	5961
Haemophilus influenzae disease (invasive)	40	40	0	2	82
Hepatitis A (acute)	35	30	0	1	66
Hepatitis B (acute and chronic)	373	229	2	0	604
Hepatitis C	299	163	0	0	462
Hepatitis E	22	21	0	0	43
Herpes simplex (genital)	541	1293	2	0	1836
Human immunodeficiency virus infection	598	386	3	1	988
Influenza	10005	11284	7	1	21297
Legionellosis	17	10	0	2	29
Leptospirosis	12	4	0	0	16
Listeriosis	10	12	0	0	22
Lyme disease	1	6	0	0	7
Lymphogranuloma venereum	38	0	0	0	38
Malaria	53	25	0	0	78
Measles	115	91	1	0	207
Meningococcal disease	29	36	0	1	66
Mpox infection	25	0	0	0	25
Mumps	83	106	1	2	192
Noroviral infection ^	940	1005	2	0	1947
Paratyphoid	4	6	0	0	10
Pertussis	342	361	7	3	713
Respiratory syncytial virus infection ^	2350	2438	5	3	4796
Rotavirus infection ^	420	370	0	1	791
Salmonellosis	205	184	1	1	391
Shigellosis	147	66	1	0	214
Streptococcus group A infection (invasive)	190	148	1	2	341
Streptococcus group B infection (invasive)	19	25	3	0	47
Streptococcus pneumoniae infection (invasive)	273	212	1	2	488
Syphilis	942	75	0	0	1017
Toxoplasmosis	7	7	0	0	14
Trichomoniasis	9	201	1	0	211
Tuberculosis	175	113	0	0	288
Typhoid	14	12	0	0	26
Verotoxigenic Escherichia coli infection	395	399	0	1	795
Viral encephalitis	37	38	0	0	75
Viral meningitis	158	122	0	0	280
Yersiniosis	17	23	0	0	40

Note: Infectious diseases with <5 cases are not presented here, see Summary Table on Page 2 of this report for details of these diseases.

^ Since 17/03/2013 events of Chlamydia trachomatis infection (genital), Noroviral infection, Respiratory syncytial virus (RSV) infection & Rotavirus infection created by the former HSE East region were 'fast-tracked' & refer to notifications rather than patients; this practice ceased for RSV notifications on 21/06/2022 and for Chlamydia, Norovirus and Rotavirus notifications on 01/01/2023. Since week 1 2025 (Jan 6th 2025) data on Chlamydia trachomatis infection, Noroviral infection and Campylobacter infections are only reported at national level. It is not possible to report data on these infections by individual health region. This change is due to the implementation of a 'fast-tracked' method for processing these diseases.



Table 4. Infectious Disease Notifications in Ireland by age group, 2024

	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	Unkn own	Total
Bacterial meningitis (not otherwise specified)	7	0	2	2	0	2	1	0	1	2	0	17
Campylobacter infection ^	518	213	148	198	241	464	367	417	479	938	1	3984
Carbapenem-resistant Enterobacteriaceae infection (invasive)	1	0	0	0	0	0	5	4	1	17	0	28
Chickenpox - hospitalised cases	18	13	10	2	6	4	3	2	6	11	0	75
Chlamydia trachomatis infection ^	*	*	*	1079	4511	3903	1365	457	164	41	1	11534
Clostridium difficile infection	30	28	15	30	43	108	154	224	269	1682	0	2583
COVID-19	1707	254	190	342	489	1401	1734	1784	2360	13050	2	23313
Creutzfeldt Jakob disease	0	0	0	0	0	0	0	0	0	7	0	7
Cryptosporidiosis	221	104	54	60	33	84	53	16	8	7	0	640
Cytomegalovirus infection (congenital)	25	1	0	0	0	0	0	0	0	0	0	26
Dengue fever	0	1	1	0	7	18	10	7	4	1	0	49
Giardiasis	21	13	11	6	15	78	66	57	31	64	0	362
Gonorrhoea	*	*	*	362	1302	2356	1344	409	143	43	0	5961
Haemophilus influenzae disease (invasive)	20	5	0	3	4	5	3	2	6	34	0	82
Hepatitis A (acute)	3	9	8	6	7	13	10	2	5	3	0	66
Hepatitis B (acute and chronic)	0	0	0	14	18	183	218	103	35	32	1	604
Hepatitis C	0	0	0	2	7	86	141	130	61	35	0	462
Hepatitis E	0	1	0	0	3	4	12	11	6	6	0	43
Herpes simplex (genital)	*	*	*	160	477	621	287	152	88	49	0	1836
Human immunodeficiency virus infection	*	*	*	13	41	293	323	225	70	17	0	988
Influenza	3021	1679	779	892	812	1905	2056	1730	1839	6583	1	21297
Legionellosis	0	0	0	1	0	0	4	7	6	11	0	29
Leptospirosis	0	0	0	0	2	5	1	0	4	4	0	16
Listeriosis	0	0	0	0	0	3	2	0	3	14	0	22
Lyme disease	0	2	0	0	0	0	1	1	1	2	0	7
Lymphogranuloma venereum	0	0	0	0	1	16	16	3	2	0	0	38
Malaria	0	2	5	4	9	14	14	18	9	3	0	78
Measles	54	37	35	17	18	32	8	5	1	0	0	207
Meningococcal disease	12	2	4	10	5	3	3	5	9	13	0	66
Mpox infection	0	0	0	0	0	12	7	2	4	0	0	25
Mumps	37	27	18	13	8	22	20	24	11	12	0	192
Noroviral infection ^	350	72	47	26	21	78	80	85	123	1064	1	1947
Paratyphoid	0	0	0	1	1	6	2	0	0	0	0	10
Pertussis	357	77	70	23	14	28	43	47	22	31	1	713
Respiratory syncytial virus infection ^	2728	168	57	42	29	100	138	155	237	1141	1	4796
Rotavirus infection ^	571	138	18	2	1	7	13	8	1	32	0	791
Salmonellosis	81	25	18	15	18	51	48	48	37	50	0	391
Shigellosis	15	9	2	1	18	66	45	26	20	12	0	214
Streptococcus group A infection (invasive)	36	33	16	12	9	37	62	37	30	69	0	341

	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	Unkn own	Total
Streptococcus group B infection (invasive)	43	0	0	0	1	1	1	0	0	0	1	47
Streptococcus pneumoniae infection (invasive)	51	29	10	6	7	13	29	52	73	218	0	488
Syphilis	*	*	*	8	81	399	325	127	63	13	0	1017
Toxoplasmosis	0	0	1	0	1	3	4	2	3	0	0	14
Trichomoniasis	*	*	*	9	47	74	53	21	5	0	1	211
Tuberculosis	6	2	5	12	21	76	60	34	37	35	0	288
Typhoid	2	2	1	4	2	7	5	2	0	1	0	26
Verotoxigenic Escherichia coli infection	244	44	35	46	32	59	55	33	58	189	0	795
Viral encephalitis	13	3	3	2	4	8	4	6	5	27	0	75
Viral meningitis	141	8	6	12	17	33	31	9	6	17	0	280
Yersiniosis	1	1	1	1	3	3	3	3	8	16	0	40

Note: Infectious diseases with <5 cases are not presented here, see Summary Table on Page 2 of this report for details of these diseases.

*Data for the age groups 0-4 years, 5-9 years and 10-14 years are not presented here, but data for the age group 0-14 years are available in the HIV and STI annual slide-set at <https://www.hpsc.ie/>

^ Since 17/03/2013 events of Chlamydia trachomatis infection (genital), Noroviral infection, Respiratory syncytial virus (RSV) infection & Rotavirus infection created by the former HSE East region were 'fast-tracked' & refer to notifications rather than patients; this practice ceased for RSV notifications on 21/06/2022 and for Chlamydia, Norovirus and Rotavirus notifications on 01/01/2023. Since week 1 2025 (Jan 6th 2025) data on Chlamydia trachomatis infection, Noroviral infection and Campylobacter infections are only reported at national level. It is not possible to report data on these infections by individual health region. This change is due to the implementation of a 'fast-tracked' method for processing these diseases.