

Appendices

Section 9



Appendices

Appendix I: Summary Data Tables

Table 1: Number of Common Reportable Diseases/Conditions, Florida, 2009–2018

Reportable disease/condition	10-year trend	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Campylobacteriosis		1,120	1,211	2,039	1,964	2,027	2,195	3,351	3,262	4,318	4,729
Carbon Monoxide Poisoning		43	172	85	69	161	157	227	224	573	168
Chlamydia (Excluding Neonatal Conjunctivitis)		72,911	74,745	76,050	77,871	80,787	83,127	90,633	94,719	100,002	105,058
Ciguatera Fish Poisoning		49	20	48	30	49	63	56	33	27	69
Creutzfeldt-Jakob Disease (CJD)		15	13	16	23	20	24	28	20	33	24
Cryptosporidiosis		497	408	437	470	409	1,905	856	582	556	586
Cyclosporiasis		40	63	58	25	47	33	32	37	113	76
Dengue Fever		55	195	71	124	160	92	79	62	26	87
Ehrlichiosis		11	10	15	23	21	29	18	28	16	40
Giardiasis, Acute		1,981	2,139	1,255	1,095	1,114	1,165	1,038	1,128	997	1,105
Gonorrhea (Excluding Neonatal Conjunctivitis)		20,878	20,169	19,704	19,554	21,006	20,597	24,186	28,153	31,680	32,747
<i>Haemophilus influenzae</i> Invasive Disease in Children <5 Years Old ¹		29	32	23	24	22	32	37	34	36	45
Hepatitis A		191	178	110	118	133	107	122	122	276	548
Hepatitis B, Acute		318	315	235	292	375	408	519	709	745	783
Hepatitis B, Chronic		4,268	4,265	4,279	4,180	4,271	4,914	4,827	4,972	4,927	4,763
Hepatitis B, Pregnant Women ¹		598	438	481	413	482	510	476	447	464	395
Hepatitis C, Acute		77	105	100	168	220	183	210	301	405	485
Hepatitis C, Chronic (Including Perinatal)		15,111	15,488	18,363	19,018	19,757	22,412	22,981	29,457	26,411	22,215
HIV ²		5,183	4,706	4,662	4,482	4,360	4,588	4,679	4,789	4,766	4,906
Lead Poisoning Cases in Children <6 Years Old ¹²		–	239	179	151	172	153	146	166	827	712
Lead Poisoning Cases in People ≥6 Years Old ¹²		–	672	556	697	436	514	572	501	1,311	1,298
Legionellosis		193	172	185	213	250	280	306	328	435	496
Listeriosis		25	54	38	33	41	49	42	43	54	47
Lyme Disease		110	84	115	118	138	155	166	216	210	169
Malaria		93	139	99	59	54	52	40	62	58	58
Meningitis, Bacterial or Mycotic		210	183	192	191	153	132	122	112	110	113
Mercury Poisoning		21	12	7	10	5	15	26	19	47	36
Mumps		18	10	11	5	1	1	10	16	74	55
Pertussis		497	328	312	575	732	719	339	334	358	326
Pesticide-Related Illness and Injury, Acute ³		402	396	451	71	68	75	58	30	61	50
Rabies, Animal		161	121	120	102	103	94	83	59	79	111
Rabies, Possible Exposure		1,853	2,114	2,410	2,371	2,721	2,995	3,364	3,302	3,478	4,083
Rocky Mountain Spotted Fever and Spotted Fever Rickettsiosis		10	14	12	31	24	29	21	12	25	22
Salmonellosis		6,723	6,273	5,912	6,517	6,127	6,014	5,915	5,608	6,553	7,224
Shiga Toxin-Producing <i>Escherichia coli</i> (STEC) Infection		94	85	103	93	121	117	135	99	187	809
Shigellosis		461	1,212	2,635	1,702	1,018	2,396	1,737	753	1,307	1,510
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Resistant		779	816	645	457	537	391	167	207	251	201
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Susceptible		701	693	679	531	552	401	264	412	373	366
Syphilis (Excluding Congenital)		3,844	4,053	4,110	4,472	5,015	5,973	7,118	8,273	8,855	10,612
Syphilis, Congenital ¹		19	25	33	39	35	48	38	60	93	108
Tuberculosis		822	828	751	675	646	590	601	639	549	591
Varicella (Chickenpox)		1,125	977	861	815	659	570	740	733	656	853
Vibriosis (Excluding Cholera)		112	130	155	147	191	166	196	187	274	242
West Nile Virus Disease		3	12	23	74	7	17	13	8	6	39
Zika Virus Disease and Infection		NR	NR	NR	NR	NR	NR	NR	1,456	277	115

NR Not reportable.

- For *Haemophilus influenzae*, the rate is per 100,000 children <5 years old. For hepatitis B surface antigen in pregnant women, the rate is per 100,000 women aged 15–44 years old. For lead poisoning in children <6 years old, the rate is per 100,000 children <6 years old. For lead poisoning in people ≥6 years old, the rate is per 100,000 people ≥6 years old. For congenital syphilis, the rate is per 100,000 live births and fetal deaths.
- The number of cases reported in past years should not change for most reportable diseases. Different reconciliation processes are in place for HIV. As a result, case numbers for prior years in the above tables may vary from previous reports. In 2017, lead poisoning cases were reviewed and re-evaluated, resulting in small changes in the number of cases reported in previous reports.
- Acute pesticide-related illness and injury counts include suspect cases, unlike other diseases in this report.

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Table 2: Rate Per 100,000 Population of Common Reportable Diseases/Conditions, Florida, 2009–2018

Reportable disease/condition	10-year trend	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Campylobacteriosis		6.0	6.4	10.8	10.3	10.5	11.2	16.8	16.1	21.0	22.6
Carbon Monoxide Poisoning		0.2	0.9	0.4	0.4	0.8	0.8	1.1	1.1	2.8	0.8
Chlamydia (Excluding Neonatal Conjunctivitis)		389.7	397.2	401.5	407.3	418.3	424.6	455.5	468.2	486.5	501.3
Ciguatera Fish Poisoning		0.3	0.1	0.3	0.2	0.3	0.3	0.3	0.2	0.1	0.3
Creutzfeldt-Jakob Disease (CJD)		–	–	–	0.1	0.1	0.1	0.1	0.1	0.2	0.1
Cryptosporidiosis		2.7	2.2	2.3	2.5	2.1	9.7	4.3	2.9	2.7	2.8
Cyclosporiasis		0.2	0.3	0.3	0.1	0.2	0.2	0.2	0.2	0.5	0.4
Dengue Fever		0.3	1.0	0.4	0.6	0.8	0.5	0.4	0.3	0.1	0.4
Ehrlichiosis		–	–	–	0.1	0.1	0.1	–	0.1	–	0.2
Giardiasis, Acute		10.6	11.4	6.6	5.7	5.8	5.9	5.2	5.6	4.9	5.3
Gonorrhea (Excluding Neonatal Conjunctivitis)		111.6	107.2	104.0	102.3	108.8	105.2	121.6	139.2	154.1	156.3
<i>Haemophilus influenzae</i> Invasive Disease in Children <5 Years Old ¹		2.5	3.0	2.1	2.2	2.1	3.0	3.4	3.1	3.2	4.0
Hepatitis A		1.0	0.9	0.6	0.6	0.7	0.5	0.6	0.6	1.3	2.6
Hepatitis B, Acute		1.7	1.7	1.2	1.5	1.9	2.1	2.6	3.5	3.6	3.7
Hepatitis B, Chronic		22.8	22.7	22.6	21.9	22.1	25.1	24.3	24.6	24.0	22.7
Hepatitis B, Pregnant Women ¹		17.0	12.4	13.4	11.5	13.3	14.0	12.9	12.0	12.3	10.3
Hepatitis C, Acute		0.4	0.6	0.5	0.9	1.1	0.9	1.1	1.5	2.0	2.3
Hepatitis C, Chronic (Including Perinatal)		80.8	82.3	96.9	99.5	102.3	114.5	115.5	145.6	128.5	106.0
HIV ²		27.7	25.0	24.6	23.4	22.6	23.4	23.5	23.7	23.2	23.4
Lead Poisoning Cases in Children <6 Years Old ¹²		–	18.8	13.8	11.7	13.3	11.8	11.1	12.4	61.2	52.0
Lead Poisoning Cases in People >=6 Years Old ¹²		–	3.8	3.2	3.9	2.4	2.8	3.1	2.7	6.8	6.6
Legionellosis		1.0	0.9	1.0	1.1	1.3	1.4	1.5	1.6	2.1	2.4
Listeriosis		0.1	0.3	0.2	0.2	0.2	0.3	0.2	0.2	0.3	0.2
Lyme Disease		0.6	0.4	0.6	0.6	0.7	0.8	0.8	1.1	1.0	0.8
Malaria		0.5	0.7	0.5	0.3	0.3	0.3	0.2	0.3	0.3	0.3
Meningitis, Bacterial or Mycotic		1.1	1.0	1.0	1.0	0.8	0.7	0.6	0.6	0.5	0.5
Mercury Poisoning		0.1	–	–	–	–	–	0.1	–	0.2	0.2
Mumps		–	–	–	–	–	–	–	–	0.4	0.3
Pertussis		2.7	1.7	1.6	3.0	3.8	3.7	1.7	1.7	1.7	1.6
Pesticide-Related Illness and Injury, Acute ³		2.1	2.1	2.4	0.4	0.4	0.4	0.3	0.1	0.3	0.2
Rabies, Animal		–	–	–	–	–	–	–	–	–	–
Rabies, Possible Exposure		9.9	11.2	12.7	12.4	14.1	15.3	16.9	16.3	16.9	19.5
Rocky Mountain Spotted Fever and Spotted Fever Rickettsiosis		–	–	–	0.2	0.1	0.1	0.1	–	0.1	0.1
Salmonellosis		35.9	33.3	31.2	34.1	31.7	30.7	29.7	27.7	31.9	34.5
Shiga Toxin-Producing <i>Escherichia coli</i> (STEC) Infection		0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.5	0.9	3.9
Shigellosis		2.5	6.4	13.9	8.9	5.3	12.2	8.7	3.7	6.4	7.2
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Resistant		4.2	4.3	3.4	2.4	2.8	2.0	0.8	1.0	1.2	1.0
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Susceptible		3.7	3.7	3.6	2.8	2.9	2.0	1.3	2.0	1.8	1.7
Syphilis (Excluding Congenital)		20.5	21.5	21.7	23.4	26.0	30.5	35.8	40.9	43.1	50.6
Syphilis, Congenital ¹		8.6	11.7	15.5	18.3	16.3	21.8	16.9	26.7	41.6	48.8
Tuberculosis		4.4	4.4	4.0	3.5	3.3	3.0	3.0	3.2	2.7	2.8
Varicella (Chickenpox)		6.0	5.2	4.5	4.3	3.4	2.9	3.7	3.6	3.2	4.1
Vibriosis (Excluding Cholera)		0.6	0.7	0.8	0.8	1.0	0.8	1.0	0.9	1.3	1.2
West Nile Virus Disease		–	–	0.1	0.4	–	–	–	–	–	0.2
Zika Virus Disease and Infection		NR	NR	NR	NR	NR	NR	NR	7.2	1.3	0.5

NR Not reportable.

– Not applicable. Rates calculated for less than 20 cases are unreliable and therefore are not included in this table. Animal rabies is only expressed as the number of cases because no reliable denominators exist for animal populations. Prior to 2010, lead poisoning case data were primarily stored outside of the state's reportable disease surveillance system and are not included in this table.

1 For *Haemophilus influenzae*, the rate is per 100,000 children <5 years old. For hepatitis B surface antigen in pregnant women, the rate is per 100,000 women aged 15–44 years old. For lead poisoning in children <6 years old, the rate is per 100,000 children <6 years old. For lead poisoning in people ≥6 years old, the rate is per 100,000 people ≥6 years old. For congenital syphilis, the rate is per 100,000 live births and fetal deaths.

2 The number of cases reported in past years should not change for most reportable diseases. Different reconciliation processes are in place for HIV. As a result, case numbers for prior years in the above tables may vary from previous reports. In 2017, lead poisoning cases were reviewed and re-evaluated, resulting in small changes in the number of cases reported in previous reports.

3 Acute pesticide-related illness and injury counts include suspect cases, unlike other diseases in this report.

Appendices

Table 3: Number of Uncommon Reportable Diseases/Conditions, Florida, 2009–2018

Reportable disease/condition	10-year trend	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Amebic Encephalitis		3	0	1	0	1	1	1	1	0	4
Anaplasmosis		3	3	11	5	2	7	5	6	9	19
Anthrax		0	0	1	0	0	0	0	0	0	0
Arboviral Disease, Other		NR	NR	NR	NR	NR	0	0	0	0	1
Arsenic Poisoning		9	14	7	5	13	2	16	21	14	14
Babesiosis		NR	NR	NR	NR	NR	NR	NR	0	9	19
Botulism, Foodborne		0	0	0	0	0	0	0	0	0	0
Botulism, Infant		1	1	0	1	0	0	0	0	1	1
Botulism, Other		0	0	0	0	0	0	1	1	0	0
Botulism, Wound		0	0	0	0	0	0	0	0	0	0
Brucellosis		9	9	6	17	9	3	8	2	11	13
California Serogroup Virus Disease		0	0	1	0	0	1	1	0	0	3
Chancroid		1	1	0	0	0	0	0	0	0	0
Chikungunya Fever		NR	NR	NR	NR	NR	442	121	10	4	6
Cholera (<i>Vibrio cholerae</i> Type O1)		0	4	11	7	4	2	3	1	1	0
Conjunctivitis in Neonates <14 Days Old, Chlamydia ¹		21	32	26	19	12	13	16	21	26	24
Conjunctivitis in Neonates <14 Days Old, Gonorrhea ¹		2	2	0	0	3	2	1	9	7	3
Diphtheria		0	0	0	0	0	0	0	0	0	0
Eastern Equine Encephalitis		0	4	0	2	2	1	0	1	1	3
Glanders (<i>Burkholderia mallei</i>)		0	0	0	0	0	0	0	0	0	0
Granuloma Inguinale		0	0	0	0	0	0	0	0	0	0
Hansen's Disease (Leprosy)		7	12	11	10	10	10	29	18	17	18
Hantavirus Infection		0	0	0	0	0	0	0	0	0	0
Hemolytic Uremic Syndrome (HUS)		5	8	4	1	14	7	5	8	11	8
Hepatitis B, Perinatal		0	1	0	1	2	1	0	0	1	2
Hepatitis D		1	0	0	0	1	1	1	1	2	4
Hepatitis E		2	1	7	1	0	3	6	5	8	7
Hepatitis G		1	0	2	0	0	0	0	0	0	0
Herpes Simplex Virus in Infants <60 Days Old ¹		73	72	63	49	51	38	30	14	33	26
Human Papillomavirus in Children <=12 Years Old		0	0	0	0	0	0	0	0	0	0
Leptospirosis		1	2	4	1	1	0	4	2	3	7
Lymphogranuloma Venereum		0	0	0	0	0	0	0	0	1	0
Measles (Rubeola)		5	1	8	0	7	0	5	5	3	15
Melioidosis (<i>Burkholderia pseudomallei</i>)		0	0	0	1	0	0	0	0	0	0
Meningococcal Disease		52	60	51	45	58	50	23	18	21	18
Middle East Respiratory Syndrome (MERS)		NR	NR	NR	NR	NR	1	0	0	0	0
Neurotoxic Shellfish Poisoning		0	0	0	0	0	0	0	0	2	1
Plague		0	0	0	0	0	0	0	0	0	0
Poliomyelitis		0	0	0	0	0	0	0	0	0	0
Psittacosis (Ornithosis)		0	0	0	0	0	1	1	0	0	0
Q Fever (<i>Coxiella burnetii</i>)		1	2	3	1	2	1	1	0	3	2
Rabies, Human		0	0	0	0	0	0	0	0	1	1
Ricin Toxin Poisoning		0	0	0	0	1	0	4	1	0	4
Rubella		0	0	0	0	0	0	0	1	0	0
<i>Salmonella</i> Paratyphi Infection		18	9	11	6	6	5	9	13	4	0
<i>Salmonella</i> Typhi Infection		19	22	8	11	11	13	6	12	20	13
Saxitoxin Poisoning (Paralytic Shellfish Poisoning)		0	0	0	0	3	0	0	1	0	4
Severe Acute Respiratory Syndrome (SARS)		0	0	0	0	0	0	0	0	0	0
Smallpox		0	0	0	0	0	0	0	0	0	0
St. Louis Encephalitis		0	0	0	0	0	2	0	0	0	0
Staphylococcal Enterotoxin B Poisoning		0	0	0	0	0	0	0	0	0	0

NR Not reportable.

¹ Age in days is determined by the age of the child on the specimen collection date.

Appendices

Table 3: Number of Uncommon Reportable Diseases/Conditions, Florida, 2009–2018

Reportable disease/condition	10-year trend	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
<i>Staphylococcus aureus</i> Infection, Intermediate Resistance to Vancomycin (VISA)		6	1	3	7	5	4	4	4	5	2
<i>Staphylococcus aureus</i> Infection, Resistant to Vancomycin (VRSA)		0	0	0	0	0	0	0	0	0	0
Tetanus		0	5	3	4	5	2	4	5	2	1
Trichinellosis (Trichinosis)		0	0	0	0	0	0	0	0	0	0
Tularemia (<i>Francisella tularensis</i>)		1	0	0	0	1	1	0	0	0	2
Typhus Fever		1	0	2	0	0	0	0	0	0	0
Vaccinia Disease		0	0	1	0	0	0	1	0	0	0
Venezuelan Equine Encephalitis		0	0	0	0	0	0	0	0	0	0
Viral Hemorrhagic Fever		0	0	0	0	0	0	0	0	0	0
Western Equine Encephalitis		0	0	0	0	0	0	0	0	0	0
Yellow Fever		0	0	0	0	0	0	0	0	0	0

NR Not reportable.

1 Age in days is determined by the age of the child on the specimen collection date.

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Table 4: Number of Common Reportable Diseases/Conditions by Age Group (in Years), Florida, 2018

Reportable disease/condition	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Campylobacteriosis	159	504	221	131	158	182	470	398	523	671	693	451	168
Carbon Monoxide Poisoning	0	3	9	5	16	10	26	16	25	21	23	9	5
Chlamydia (Excluding Neonatal Conjunctivitis)	0	0	7	601	26,769	38,511	29,058	6,646	2,380	904	152	25	5
Ciguatera Fish Poisoning	0	0	0	1	3	3	9	11	19	11	9	2	0
Creutzfeldt-Jakob Disease (CJD)	0	0	0	0	0	0	0	0	1	9	10	4	0
Cryptosporidiosis	9	73	30	20	21	31	75	55	51	80	69	43	29
Cyclosporiasis	0	1	1	0	1	2	5	13	19	17	13	3	1
Dengue Fever	1	0	0	3	1	3	5	9	35	14	12	4	0
Ehrlichiosis	0	0	0	0	0	0	3	5	5	9	11	6	1
Giardiasis, Acute	14	141	83	38	53	54	140	110	146	141	103	64	18
Gonorrhea (Excluding Neonatal Conjunctivitis)	0	3	6	125	5,091	9,233	11,485	4,001	1,823	810	146	23	1
<i>Haemophilus influenzae</i> Invasive Disease in Children <5 Years Old ¹	30	15	0	0	0	0	0	0	0	0	0	0	0
Hepatitis A	0	2	2	3	8	27	171	152	102	49	26	4	2
Hepatitis B, Acute	0	0	0	0	8	19	71	232	227	139	63	18	6
Hepatitis B, Chronic ²	1	1	8	7	61	165	764	1,123	949	891	557	172	55
Hepatitis B, Pregnant Women ¹	0	0	0	0	5	35	234	121	0	0	0	0	0
Hepatitis C, Acute	0	0	1	0	9	43	137	83	74	74	48	13	2
Hepatitis C, Chronic (Including Perinatal) ²	15	40	7	6	150	1,217	5,547	4,316	3,504	4,856	2,090	321	85
HIV	7	1	3	7	166	638	1,642	955	829	500	127	29	2
Lead Poisoning Cases in Children <6 Years Old ¹	27	648	37	0	0	0	0	0	0	0	0	0	0
Lead Poisoning Cases in People ≥6 Years Old ¹	0	0	52	45	37	146	293	211	223	148	76	51	16
Legionellosis	0	0	0	0	2	5	13	34	74	111	137	90	30
Listeriosis	1	0	0	0	0	0	5	5	0	7	9	10	10
Lyme Disease	0	1	12	19	6	5	16	7	24	28	30	20	1
Malaria	0	1	0	0	1	6	9	13	13	10	4	0	1
Meningitis, Bacterial or Mycotic	27	7	2	3	4	3	10	17	9	12	11	7	1
Mercury Poisoning	0	0	0	0	0	1	5	9	3	7	6	3	2
Mumps	0	4	3	9	1	3	13	6	6	4	3	3	0
Pertussis	78	58	30	34	30	10	14	17	19	12	14	5	5
Pesticide-Related Illness and Injury, Acute ³	0	2	1	2	2	3	9	13	5	6	5	2	0
Rabies, Possible Exposure ²	57	152	184	211	299	326	693	577	556	505	317	151	47
Rocky Mountain Spotted Fever and Spotted Fever Rickettsiosis	0	0	0	1	0	2	0	2	5	2	9	1	0
Salmonellosis ²	1,317	1,412	502	247	193	212	450	431	570	687	668	376	155
Shiga Toxin-Producing <i>Escherichia coli</i> (STEC) Infection	44	202	54	48	54	32	82	52	46	64	71	43	17
Shigellosis	33	441	291	86	50	68	169	111	92	74	60	25	9
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Resistant	5	11	2	1	0	2	11	18	24	58	36	24	9
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Susceptible	12	27	7	6	0	7	16	21	60	67	66	46	31
Syphilis (Excluding Congenital)	0	0	0	3	373	1,424	3,693	2,181	1,827	906	160	37	8
Syphilis, Congenital ¹	108	0	0	0	0	0	0	0	0	0	0	0	0
Tuberculosis	2	6	11	5	26	28	89	96	89	103	78	45	13
Varicella (Chickenpox)	79	184	170	78	44	46	89	82	60	13	2	5	1
Vibriosis (Excluding Cholera)	0	7	13	7	8	11	21	22	28	45	39	31	10
West Nile Virus Disease	0	0	1	0	0	0	1	6	3	7	7	13	1
Zika Virus Disease and Infection	1	0	0	0	4	16	55	31	3	4	1	0	0

1 For *Haemophilus influenzae*, the rate is per 100,000 children <5 years old. For hepatitis B surface antigen in pregnant women, the rate is per 100,000 women aged 15-44 years old. For lead poisoning in children <6 years old, the rate is per 100,000 children <6 years old. For lead poisoning in people ≥6 years old, the rate is per 100,000 people ≥6 years old. For congenital syphilis, the rate is per 100,000 live births and fetal deaths.

2 Age is unknown for 1 ciguatera fish poisoning case, 9 chronic hepatitis B cases, 1 acute hepatitis C case, 61 chronic hepatitis C cases, 8 possible rabies exposure cases, 4 salmonellosis cases, 1 scombroid poisoning case and 1 shigellosis case.

3 Acute pesticide-related illness and injury counts include suspect cases, unlike other diseases in this report.

Appendices

Table 5: Rate Per 100,000 Population of Common Reportable Diseases/Conditions by Age Group (in Years), Florida, 2018

Reportable disease/condition	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
Campylobacteriosis	73.4	54.7	19.2	11.1	13.1	14.3	17.1	15.8	18.9	24.0	29.7	34.4	30.4
Carbon Monoxide Poisoning	-	-	-	-	-	-	0.9	-	0.9	0.8	1.0	-	-
Chlamydia (Excluding Neonatal Conjunctivitis)	-	-	-	50.9	2,225.2	3,034.5	1,059.1	264.0	86.1	32.4	6.5	1.9	-
Ciguatera Fish Poisoning	-	-	-	-	-	-	-	-	-	-	-	-	-
Creutzfeldt-Jakob Disease (CJD)	-	-	-	-	-	-	-	-	-	-	-	-	-
Cryptosporidiosis	-	7.9	2.6	1.7	1.7	2.4	2.7	2.2	1.8	2.9	3.0	3.3	5.2
Cyclosporiasis	-	-	-	-	-	-	-	-	-	-	-	-	-
Dengue Fever	-	-	-	-	-	-	-	-	1.3	-	-	-	-
Ehrlichiosis	-	-	-	-	-	-	-	-	-	-	-	-	-
Giardiasis, Acute	-	15.3	7.2	3.2	4.4	4.3	5.1	4.4	5.3	5.1	4.4	4.9	-
Gonorrhea (Excluding Neonatal Conjunctivitis)	-	-	-	10.6	423.2	727.5	418.6	158.9	65.9	29.0	6.3	1.8	-
<i>Haemophilus influenzae</i> Invasive Disease in Children <5 Years Old ¹	13.8	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis A	-	-	-	-	-	2.1	6.2	6.0	3.7	1.8	1.1	-	-
Hepatitis B, Acute	-	-	-	-	-	-	2.6	9.2	8.2	5.0	2.7	-	-
Hepatitis B, Chronic ²	-	-	-	-	5.1	13.0	27.8	44.6	34.3	31.9	23.9	13.1	9.9
Hepatitis B, Pregnant Women ¹	-	-	-	-	-	5.7	17.3	9.5	-	-	-	-	-
Hepatitis C, Acute	-	-	-	-	-	3.4	5.0	3.3	2.7	2.7	2.1	-	-
Hepatitis C, Chronic (Including Perinatal) ²	-	4.3	-	-	12.5	95.9	202.2	171.4	126.7	173.9	89.5	24.5	15.4
HIV	-	-	-	-	13.8	50.3	59.8	37.9	30.0	17.9	5.4	2.2	-
Lead Poisoning Cases in Children <6 Years Old ¹	12.5	70.3	16.1	-	-	-	-	-	-	-	-	-	-
Lead Poisoning Cases in People ≥6 Years Old ¹	-	-	5.6	3.8	3.1	11.5	10.7	8.4	8.1	5.3	3.3	3.9	-
Legionellosis	-	-	-	-	-	-	-	1.4	2.7	4.0	5.9	6.9	5.4
Listeriosis	-	-	-	-	-	-	-	-	-	-	-	-	-
Lyme Disease	-	-	-	-	-	-	-	-	0.9	1.0	1.3	1.5	-
Malaria	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningitis, Bacterial or Mycotic	12.5	-	-	-	-	-	-	-	-	-	-	-	-
Mercury Poisoning	-	-	-	-	-	-	-	-	-	-	-	-	-
Mumps	-	-	-	-	-	-	-	-	-	-	-	-	-
Pertussis	36.0	6.3	2.6	2.9	2.5	-	-	-	-	-	-	-	-
Pesticide-Related Illness and Injury, Acute ³	-	-	-	-	-	-	-	-	-	-	-	-	-
Rabies, Possible Exposure ²	26.3	16.5	16.0	17.9	24.9	25.7	25.3	22.9	20.1	18.1	13.6	11.5	8.5
Rocky Mountain Spotted Fever and Spotted Fever Rickettsiosis	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis ²	607.8	153.3	43.6	20.9	16.0	16.7	16.4	17.1	20.6	24.6	28.6	28.7	28.0
Shiga Toxin-Producing <i>Escherichia coli</i> (STEC) Infection	20.3	21.9	4.7	4.1	4.5	2.5	3.0	2.1	1.7	2.3	3.0	3.3	-
Shigellosis	15.2	47.9	25.3	7.3	4.2	5.4	6.2	4.4	3.3	2.7	2.6	1.9	-
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Resistant	-	-	-	-	-	-	-	-	0.9	2.1	1.5	1.8	-
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Susceptible	-	2.9	-	-	-	-	-	0.8	2.2	2.4	2.8	3.5	5.6
Syphilis (Excluding Congenital)	-	-	-	-	31.0	112.2	134.6	86.6	66.1	32.5	6.9	2.8	-
Syphilis, Congenital ¹	48.8	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	-	2.2	2.2	3.2	3.8	3.2	3.7	3.3	3.4	-
Varicella (Chickenpox)	36	20	15	7	4	4	3	3	2	-	-	-	-
Vibriosis (Excluding Cholera)	-	-	-	-	-	-	1	1	1	2	2	2	-
West Nile Virus Disease	-	-	-	-	-	-	-	-	-	-	-	-	-
Zika Virus Disease and Infection	-	-	-	-	-	-	2.0	1.2	-	-	-	-	-

- Not applicable. Rates calculated for less than 20 cases are unreliable and therefore are not included in this table.

1 For *Haemophilus influenzae*, the rate is per 100,000 children <5 years old. For hepatitis B surface antigen in pregnant women, the rate is per 100,000 women aged 15-44 years old. For lead poisoning in children <6 years old, the rate is per 100,000 children <6 years old. For lead poisoning in people ≥6 years old, the rate is per 100,000 people ≥6 years old. For congenital syphilis, the rate is per 100,000 live births and fetal deaths.

2 Age is unknown for 1 ciguatera fish poisoning case, 9 chronic hepatitis B cases, 1 acute hepatitis C case, 61 chronic hepatitis C cases, 8 possible rabies exposure cases, 4 salmonellosis cases, 1 scombroid poisoning case and 1 shigellosis case.

3 Acute pesticide-related illness and injury counts include suspect cases, unlike other diseases in this report.

Appendices

Table 6: Top 10 Reportable Diseases/Conditions by Age Group (in Years), Florida, 2018

Rank	Age group (in years)										85+			
	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64		65-74	75-84	
1	Salmonellosis (Count: 1,317) (Rate: 607.8)	Salmonellosis (Count: 1,412) (Rate: 153.3)	Salmonellosis (Count: 502) (Rate: 43.6)	Chlamydia (Count: 801) (Rate: 50.9)	Chlamydia (Count: 26,769) (Rate: 2,252.2)	Chlamydia (Count: 38,511) (Rate: 3,034.5)	Chlamydia (Count: 29,058) (Rate: 1,059.1)	Chlamydia (Count: 6,946) (Rate: 264.0)	Hepatitis C, Chronic (Count: 3,504) (Rate: 126.7)	Hepatitis C, Chronic (Count: 4,856) (Rate: 173.9)	Hepatitis C, Chronic (Count: 2,090) (Rate: 89.5)	Campylobacteriosis (Count: 451) (Rate: 34.4)	Campylobacteriosis (Count: 168) (Rate: 30.4)	
2	Campylobacteriosis (Count: 169) (Rate: 73.4)	Lead Poisoning (Count: 648) (Rate: 70.3)	Shigellosis (Count: 291) (Rate: 25.3)	Salmonellosis (Count: 247) (Rate: 20.9)	Gonorrhea (Count: 5,091) (Rate: 423.2)	Gonorrhea (Count: 9,233) (Rate: 727.5)	Gonorrhea (Count: 11,465) (Rate: 418.6)	Hepatitis C, Chronic (Count: 4,316) (Rate: 171.4)	Chlamydia (Count: 2,380) (Rate: 86.1)	Syphilis (Count: 906) (Rate: 32.5)	Campylobacteriosis (Count: 689) (Rate: 29.7)	Salmonellosis (Count: 376) (Rate: 28.7)	Salmonellosis (Count: 159) (Rate: 28.0)	
3	Syphilis, Congenital (Count: 108) (Rate: 48.8)	Campylobacteriosis (Count: 504) (Rate: 54.7)	Campylobacteriosis (Count: 221) (Rate: 19.2)	Rabies, Possible Exposure (Count: 211) (Rate: 17.9)	Syphilis (Count: 373) (Rate: 31.0)	Syphilis (Count: 1,424) (Rate: 112.2)	Hepatitis C, Chronic (Count: 5,547) (Rate: 202.2)	Gonorrhea (Count: 4,001) (Rate: 158.9)	Syphilis (Count: 1,827) (Rate: 66.1)	Chlamydia (Count: 904) (Rate: 32.4)	Salmonellosis (Count: 688) (Rate: 28.6)	Hepatitis C, Chronic (Count: 321) (Rate: 24.5)	Hepatitis C, Chronic (Count: 85) (Rate: 15.4)	
4	Varicella (Chickenpox) (Count: 79) (Rate: 36.5)	Shigellosis (Count: 441) (Rate: 47.9)	Rabies, Possible Exposure (Count: 184) (Rate: 16.0)	Campylobacteriosis (Count: 131) (Rate: 11.1)	Rabies, Possible Exposure (Count: 299) (Rate: 24.9)	Hepatitis C, Chronic (Count: 1,217) (Rate: 95.9)	Syphilis (Count: 3,683) (Rate: 134.6)	Syphilis (Count: 2,181) (Rate: 86.6)	Gonorrhea (Count: 1,823) (Rate: 65.9)	Hepatitis B, Chronic (Count: 891) (Rate: 31.9)	Hepatitis B, Chronic (Count: 57) (Rate: 23.9)	Hepatitis B, Chronic (Count: 172) (Rate: 13.1)	Hepatitis B, Chronic (Count: 65) (Rate: 9.9)	
5	Pertussis (Count: 78) (Rate: 36.0)	Shiga Toxin- Producing E coli (Count: 202) (Rate: 21.9)	Varicella (Chickenpox) (Count: 170) (Rate: 14.8)	Gonorrhea (Count: 125) (Rate: 10.6)	Salmonellosis (Count: 193) (Rate: 16.0)	HIV (Count: 638) (Rate: 50.3)	HIV (Count: 1,642) (Rate: 59.8)	Hepatitis B, Chronic (Count: 1,123) (Rate: 44.6)	Hepatitis B, Chronic (Count: 949) (Rate: 34.3)	Gonorrhea (Count: 810) (Rate: 28.0)	Rabies, Possible Exposure (Count: 317) (Rate: 13.6)	Rabies, Possible Exposure (Count: 151) (Rate: 11.5)	Rabies, Possible Exposure (Count: 47) (Rate: 8.5)	
6	Rabies, Possible Exposure (Count: 57) (Rate: 26.3)	Varicella (Chickenpox) (Count: 184) (Rate: 20.0)	Gardiasis, Acute (Count: 83) (Rate: 7.2)	Shigellosis (Count: 86) (Rate: 7.3)	HIV (Count: 166) (Rate: 13.8)	Rabies, Possible Exposure (Count: 326) (Rate: 25.7)	Hepatitis B, Chronic (Count: 764) (Rate: 27.8)	HIV (Count: 955) (Rate: 37.9)	HIV (Count: 829) (Rate: 30.0)	Salmonellosis (Count: 687) (Rate: 24.6)	Syphilis (Count: 160) (Rate: 6.9)	Legionellosis (Count: 90) (Rate: 6.9)	S. pneumoniae Invasive Disease (Count: 40) (Rate: 7.2)	
7	Shiga Toxin- Producing E coli (Count: 44) (Rate: 20.3)	Rabies, Possible Exposure (Count: 152) (Rate: 16.5)	Shiga Toxin- Producing E coli (Count: 54) (Rate: 4.7)	Varicella (Chickenpox) (Count: 78) (Rate: 6.6)	Campylobacteriosis (Count: 158) (Rate: 13.1)	Salmonellosis (Count: 212) (Rate: 16.7)	Rabies, Possible Exposure (Count: 693) (Rate: 25.3)	Rabies, Possible Exposure (Count: 577) (Rate: 22.9)	Salmonellosis (Count: 570) (Rate: 20.6)	Campylobacteriosis (Count: 671) (Rate: 24.0)	Chlamydia (Count: 152) (Rate: 6.5)	S. pneumoniae Invasive Disease (Count: 70) (Rate: 5.3)	Legionellosis (Count: 30) (Rate: 5.4)	
8	Shigellosis (Count: 33) (Rate: 15.2)	Gardiasis, Acute (Count: 141) (Rate: 15.3)	Lead Poisoning (Count: 52) (Rate: 5.6)	Shiga Toxin- Producing E coli (Count: 48) (Rate: 4.1)	Hepatitis C, Chronic (Count: 150) (Rate: 12.5)	Campylobacteriosis (Count: 182) (Rate: 14.3)	Rabies, Possible Exposure (Count: 470) (Rate: 17.1)	Salmonellosis (Count: 431) (Rate: 17.1)	Rabies, Possible Exposure (Count: 556) (Rate: 20.1)	Rabies, Possible Exposure (Count: 506) (Rate: 18.1)	Gonorrhea (Count: 146) (Rate: 6.3)	Gardiasis, Acute (Count: 64) (Rate: 4.9)	Oxytospiridiosis (Count: 28) (Rate: 5.2)	
9	H. influenzae Invasive Disease (Count: 30) (Rate: 13.8)	Oxytospiridiosis (Count: 73) (Rate: 7.9)	Lead Poisoning (Count: 37) (Rate: 16.1)	Lead Poisoning (Count: 45) (Rate: 3.8)	Hepatitis B, Chronic (Count: 61) (Rate: 5.1)	Hepatitis B, Chronic (Count: 165) (Rate: 13.0)	Salmonellosis (Count: 450) (Rate: 16.4)	Campylobacteriosis (Count: 398) (Rate: 15.8)	Campylobacteriosis (Count: 523) (Rate: 18.9)	HIV (Count: 500) (Rate: 17.9)	Legionellosis (Count: 137) (Rate: 5.9)	Lead Poisoning (Count: 51) (Rate: 3.9)	Gardiasis, Acute (Count: 18) -	
10	Lead Poisoning (Count: 27) (Rate: 12.5)	Pertussis (Count: 58) (Rate: 6.3)	Oxytospiridiosis (Count: 30) (Rate: 2.6)	Gardiasis, Acute (Count: 38) (Rate: 3.2)	Shiga Toxin- Producing E coli (Count: 54) (Rate: 4.5)	Lead Poisoning (Count: 146) (Rate: 11.5)	Lead Poisoning (Count: 293) (Rate: 10.7)	Hepatitis B, Acute (Count: 232) (Rate: 9.2)	Hepatitis B, Acute (Count: 227) (Rate: 8.2)	Hepatitis B, Acute (Count: 500) (Rate: 18.9)	Legionellosis (Count: 137) (Rate: 5.9)	Lead Poisoning (Count: 148) (Rate: 5.3)	Shiga Toxin- Producing E coli (Count: 17) -	
	Vaccine-Preventable Diseases			Invasive Bacterial Diseases			Vector-Borne Diseases			Sexually Transmitted Diseases			Viral Hepatitis	
	Enteric Diseases			Tuberculosis			Environmental Poisonings			HIV Infection/AIDS				

- Not applicable. Rates calculated for less than 20 cases are unreliable and therefore are not included in this table.

Appendices

Table 7: Number of Common Reportable Diseases/Conditions by Month of Occurrence,¹ Florida, 2018

Selected reportable disease/condition	12-month trend	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Campylobacteriosis		324	278	373	458	479	535	459	430	370	352	346	325
Carbon Monoxide Poisoning		13	6	16	23	14	5	13	8	24	20	13	13
Ciguatera Fish Poisoning		4	8	6	3	6	8	8	5	9	4	6	2
Creutzfeldt-Jakob Disease (CJD)		0	3	2	1	4	3	0	2	4	2	0	3
Cryptosporidiosis		36	38	33	42	47	51	87	61	62	52	42	35
Cyclosporiasis		0	0	0	0	8	33	25	7	2	0	1	0
Dengue Fever		1	0	0	3	1	8	6	9	14	17	19	9
Enrichiosis		1	1	2	7	5	8	6	4	3	1	1	1
Giardiasis, Acute		89	91	96	92	85	95	108	119	98	85	84	63
<i>Haemophilus influenzae</i> Invasive Disease in Children <5 Years Old		6	2	2	4	2	4	5	3	3	4	6	4
Hepatitis A		16	12	12	11	21	27	47	57	52	91	108	94
Hepatitis B, Acute		67	51	73	71	65	68	77	57	71	71	59	53
Hepatitis B, Chronic		347	401	409	438	402	379	416	411	426	461	347	326
Hepatitis B, Pregnant Women		37	40	37	39	34	30	35	34	35	33	20	21
Hepatitis C, Acute		50	54	47	43	56	45	44	51	32	24	17	22
Hepatitis C, Chronic (Including Perinatal)		1,826	1,803	2,104	2,006	1,904	1,946	1,797	1,943	1,818	1,850	1,652	1,566
Lead Poisoning Cases in Children <6 Years Old		60	56	69	80	59	62	46	67	61	52	36	64
Lead Poisoning Cases in People >=6 Years Old		107	124	104	122	95	77	124	155	101	108	75	106
Legionellosis		32	39	27	28	47	44	46	55	55	56	36	31
Listeriosis		5	4	3	2	3	2	5	6	5	5	3	4
Lyme Disease		10	5	6	5	13	34	37	15	18	8	11	7
Malaria		4	2	2	6	6	8	7	5	5	6	5	2
Meningitis, Bacterial or Mycotic		11	11	7	8	4	9	11	6	8	13	9	16
Mercury Poisoning		5	1	1	6	10	6	2	4	0	0	0	1
Mumps		8	5	7	5	3	7	0	1	3	3	6	7
Pertussis		28	18	25	16	38	43	36	24	30	36	14	18
Pesticide-Related Illness and Injury, Acute ²		1	2	6	4	5	7	10	2	10	2	1	0
Rabies, Animal ³		1	8	9	6	15	9	13	13	12	9	9	7
Rabies, Possible Exposure ⁴		321	342	366	322	351	398	337	353	302	333	343	315
Rocky Mountain Spotted Fever and Spotted Fever Rickettsiosis		0	1	0	4	1	4	3	5	0	3	1	0
Salmonellosis		332	272	340	385	598	772	794	821	840	868	770	432
Shiga Toxin-Producing <i>Escherichia coli</i> (STEC) Infection		85	48	63	78	78	71	115	74	63	54	39	41
Shigellosis		89	93	145	120	153	167	151	108	86	134	139	125
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Resistant		38	23	24	13	19	14	8	11	10	14	6	21
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Susceptible		62	51	44	35	24	27	17	16	18	24	20	28
Varicella (Chickenpox)		50	53	82	62	87	83	62	79	67	50	94	84
Vibriosis (Excluding Cholera)		6	14	15	15	21	32	34	35	23	19	14	14
West Nile Virus Disease		0	0	0	0	0	0	5	13	7	12	2	0
Zika Virus Disease and Infection		14	16	11	6	8	6	7	14	11	9	4	9

1 The earliest date associated with the case was used to determine month of occurrence, unless otherwise noted. Dates associated with cases include illness onset date, diagnosis date, laboratory report date and the date the county health department was notified.

2 Acute pesticide-related illness and injury counts include suspect cases, unlike other diseases in this report.

3 Month of occurrence is based on the month of laboratory report.

4 Month of occurrence is based on the month of exposure.

Note that this table includes all common reportable diseases/conditions except chlamydia, gonorrhea, HIV, syphilis, congenital syphilis and tuberculosis.

Appendices

Table 8: Number of Common Reportable Diseases/Conditions by County of Residence, Florida, 2018

Reportable disease/condition	Alachua	Baker	Bay Bradford	Brevard	Broward	Calhoun	Charlotte	Citrus	Clay	
Campylobacteriosis	46	6	43	2	60	291	2	20	27	44
Carbon Monoxide Poisoning	0	0	3	0	0	17	0	1	0	0
Chlamydia (Excluding Neonatal Conjunctivitis)	2,476	143	726	104	2,059	11,347	57	281	332	887
Ciguatera Fish Poisoning	0	0	0	0	0	4	0	0	0	0
Creutzfeldt-Jakob Disease (CJD)	0	0	0	0	1	3	0	0	0	0
Cryptosporidiosis	2	15	3	0	15	31	3	0	2	5
Cyclosporiasis	4	0	0	0	5	4	0	1	0	0
Dengue Fever	0	0	0	0	0	11	0	2	1	0
Ehrlichiosis	6	0	0	0	0	0	0	0	0	1
Giardiasis, Acute	10	6	8	2	21	100	0	11	8	1
Gonorrhea (Excluding Neonatal Conjunctivitis)	816	49	338	41	482	3,855	25	57	140	277
<i>Haemophilus influenzae</i> Invasive Disease in Children <5 Years Old	2	0	2	0	0	1	0	0	1	0
Hepatitis A	2	0	0	0	3	13	0	2	0	0
Hepatitis B, Acute	1	2	2	1	13	51	0	6	20	11
Hepatitis B, Chronic	32	6	38	6	91	621	2	30	25	29
Hepatitis B, Pregnant Women	1	0	5	1	5	120	0	0	2	4
Hepatitis C, Acute	5	0	5	1	9	49	0	6	4	3
Hepatitis C, Chronic (Including Perinatal)	242	46	340	27	627	1,792	15	184	192	277
HIV ¹	43	2	34	5	68	661	2	7	11	29
Lead Poisoning Cases in Children <6 Years Old	6	0	5	1	12	54	1	4	3	5
Lead Poisoning Cases in People ≥6 Years Old	4	2	7	0	86	58	1	10	12	12
Legionellosis	3	1	4	1	10	52	0	2	3	2
Listeriosis	0	0	0	0	1	7	0	1	0	0
Lyme Disease	0	0	0	0	9	5	0	0	2	0
Malaria	0	0	0	0	0	13	0	0	0	1
Meningitis, Bacterial or Mycotic	2	0	3	0	2	10	0	0	0	2
Mercury Poisoning	0	0	0	0	0	2	0	0	0	0
Mumps	0	0	0	0	0	18	0	0	0	0
Pertussis	4	0	1	1	1	4	0	0	0	2
Pesticide-Related Illness and Injury, Acute	0	0	0	0	1	3	0	0	0	0
Rabies, Animal	7	0	8	0	10	1	0	0	0	1
Rabies, Possible Exposure	85	0	62	3	128	229	5	0	11	2
Rocky Mountain Spotted Fever and Spotted Fever Rickettsiosis	0	0	0	0	1	0	0	0	0	1
Salmonellosis	64	11	70	11	262	701	4	50	47	108
Shiga Toxin-Producing <i>Escherichia coli</i> (STEC) Infection	9	1	1	0	12	76	0	1	7	3
Shigellosis	10	12	1	0	15	306	0	3	3	2
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Resistant	0	0	2	0	0	24	0	0	2	1
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Susceptible	0	1	0	0	1	71	0	0	5	6
Syphilis (Excluding Congenital)	130	5	40	12	121	1,772	3	12	13	27
Syphilis, Congenital	2	0	2	0	3	5	0	0	0	0
Tuberculosis	2	0	5	0	10	67	0	5	4	1
Varicella (Chickenpox)	5	2	2	1	5	112	0	1	11	3
Vibriosis (Excluding Cholera)	3	0	5	0	7	16	0	6	3	1
West Nile Virus Disease	0	0	4	0	0	0	0	1	0	2
Zika Virus Disease and Infection	0	0	0	0	0	8	0	1	0	0

¹ County totals exclude 97 Florida Department of Corrections cases.

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Table 8: Number of Common Reportable Diseases/Conditions by County of Residence, Florida, 2018 (Continued)

Reportable disease/condition	Collier	Columbia	DeSoto	Dixie	Duval	Escambia	Flagler	Franklin	Gadsden
Campylobacteriosis	79	26	12	6	213	70	7	1	11
Carbon Monoxide Poisoning	0	5	0	0	1	4	1	0	1
Chlamydia (Excluding Neonatal Conjunctivitis)	1,296	411	134	62	7,136	2,112	360	40	483
Ciguatera Fish Poisoning	5	0	0	0	0	0	0	0	0
Creutzfeldt-Jakob Disease (CJD)	0	0	0	0	0	2	1	0	0
Cryptosporidiosis	8	8	0	0	25	2	1	1	9
Cyclosporiasis	1	0	1	0	0	0	0	0	0
Dengue Fever	0	0	0	0	5	0	0	0	0
Ehrlichiosis	0	1	0	2	3	0	1	0	0
Giardiasis, Acute	17	4	3	1	38	8	3	0	4
Gonorrhea (Excluding Neonatal Conjunctivitis)	209	158	45	21	3,512	705	91	23	143
<i>Haemophilus influenzae</i> Invasive Disease in Children <5 Years Old	1	0	0	0	4	1	0	0	0
Hepatitis A	2	0	0	0	2	0	0	0	0
Hepatitis B, Acute	3	4	3	1	48	17	1	0	0
Hepatitis B, Chronic	68	13	2	4	258	79	11	2	6
Hepatitis B, Pregnant Women	15	0	1	0	29	8	0	0	2
Hepatitis C, Acute	7	0	0	2	17	7	0	0	1
Hepatitis C, Chronic (Including Perinatal)	224	110	34	43	1,294	365	90	25	38
HIV ¹	38	10	1	0	296	56	10	1	13
Lead Poisoning Cases in Children <6 Years Old	9	4	3	5	70	12	1	0	5
Lead Poisoning Cases in People ≥6 Years Old	16	3	2	0	109	14	0	1	0
Legionellosis	6	0	0	0	29	5	1	0	1
Listeriosis	0	0	0	0	1	1	0	0	1
Lyme Disease	6	0	0	0	5	1	1	0	1
Malaria	0	0	0	0	5	1	0	0	1
Meningitis, Bacterial or Mycotic	0	1	1	0	17	1	0	0	0
Mercury Poisoning	0	0	0	0	0	1	0	0	0
Mumps	1	0	0	0	3	0	0	0	0
Pertussis	5	2	0	0	13	10	0	0	0
Pesticide-Related Illness and Injury, Acute	1	0	0	0	0	0	0	0	0
Rabies, Animal	2	1	0	1	0	1	0	0	0
Rabies, Possible Exposure	68	4	11	4	20	101	41	3	3
Rocky Mountain Spotted Fever and Spotted Fever Rickettsiosis	0	0	0	1	0	1	0	0	0
Salmonellosis	126	41	17	3	336	76	32	5	9
Shiga Toxin-Producing <i>Escherichia coli</i> (STEC) Infection	6	5	1	5	22	7	4	0	1
Shigellosis	10	13	1	0	37	8	3	0	1
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Resistant	4	0	0	0	9	6	4	0	3
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Susceptible	4	0	1	0	13	15	1	2	3
Syphilis (Excluding Congenital)	54	11	4	4	595	102	15	7	52
Syphilis, Congenital	2	0	0	0	11	3	0	0	0
Tuberculosis	14	0	2	1	49	4	5	0	2
Varicella (Chickenpox)	16	7	2	0	27	9	3	0	4
Vibriosis (Excluding Cholera)	4	0	0	0	8	5	0	0	1
West Nile Virus Disease	0	0	0	0	12	1	0	0	1
Zika Virus Disease and Infection	39	0	0	0	0	0	0	0	0

¹ County totals exclude 97 Florida Department of Corrections cases.

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Table 8: Number of Common Reportable Diseases/Conditions by County of Residence, Florida, 2018 (Continued)

Reportable disease/condition	Glchrist	Gades	Gulf Hamilton	Hardee	Hendry	Hernando	Highlands	Hillsborough	
Campylobacteriosis	4	0	4	4	7	10	33	16	337
Carbon Monoxide Poisoning	0	0	0	0	1	0	0	2	12
Chlamydia (Excluding Neonatal Conjunctivitis)	48	65	50	98	107	222	632	366	8,817
Ciguatera Fish Poisoning	0	0	0	0	0	1	0	0	2
Creutzfeldt-Jakob Disease (CJD)	0	0	0	0	0	0	0	0	1
Cryptosporidiosis	0	0	0	0	0	1	3	3	76
Cyclosporiasis	0	0	0	0	0	0	1	1	3
Dengue Fever	0	0	0	0	0	0	0	0	6
Ehrlichiosis	0	0	0	0	0	0	0	1	2
Giardiasis, Acute	2	1	1	1	1	1	5	12	62
Gonorrhea (Excluding Neonatal Conjunctivitis)	10	10	18	26	13	48	186	114	2,300
<i>Haemophilus influenzae</i> Invasive Disease in Children <5 Years Old	0	0	0	0	0	0	0	0	3
Hepatitis A	0	0	0	0	0	0	5	0	84
Hepatitis B, Acute	0	1	0	0	0	2	16	3	49
Hepatitis B, Chronic	6	2	1	1	1	6	26	11	325
Hepatitis B, Pregnant Women	0	0	0	0	0	0	2	2	9
Hepatitis C, Acute	0	1	1	0	0	0	3	2	25
Hepatitis C, Chronic (Including Perinatal)	31	14	24	20	19	19	237	88	1,303
HIV ¹	1	3	1	4	2	9	17	6	323
Lead Poisoning Cases in Children <6 Years Old	0	0	2	1	3	2	3	11	82
Lead Poisoning Cases in People ≥6 Years Old	0	0	1	2	0	1	8	35	241
Legionellosis	0	0	0	0	0	0	3	2	31
Listeriosis	0	0	0	0	0	0	0	1	3
Lyme Disease	0	0	0	0	0	0	0	0	7
Malaria	0	0	0	0	0	0	0	0	6
Meningitis, Bacterial or Mycotic	0	0	0	0	0	0	0	1	4
Mercury Poisoning	0	0	0	0	0	0	0	0	0
Mumps	0	0	0	0	0	0	0	0	1
Pertussis	0	0	0	0	0	3	0	0	66
Pesticide-Related Illness and Injury, Acute	0	0	0	0	0	0	0	0	12
Rabies, Animal	0	0	0	0	1	0	0	0	10
Rabies, Possible Exposure	0	2	4	2	12	11	150	13	143
Rocky Mountain Spotted Fever and Spotted Fever Rickettsiosis	0	0	0	0	0	0	1	0	1
Salmonellosis	5	1	2	4	9	18	35	28	343
Shiga Toxin-Producing <i>Escherichia coli</i> (STEC) Infection	0	0	0	2	2	1	4	3	54
Shigellosis	1	0	0	1	0	2	2	1	32
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Resistant	0	0	0	0	2	0	0	1	22
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Susceptible	0	0	0	0	2	0	0	1	17
Syphilis (Excluding Congenital)	5	1	7	4	1	4	22	9	705
Syphilis, Congenital	0	0	0	0	0	0	0	0	13
Tuberculosis	0	0	0	1	2	1	2	2	29
Varicella (Chickenpox)	0	0	0	0	0	2	5	2	68
Vibriosis (Excluding Cholera)	0	0	0	0	0	0	4	0	11
West Nile Virus Disease	0	0	0	0	0	0	0	0	0
Zika Virus Disease and Infection	0	0	0	0	0	0	1	0	1

1 County totals exclude 97 Florida Department of Corrections cases.

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Table 8: Number of Common Reportable Diseases/Conditions by County of Residence, Florida, 2018 (Continued)

Reportable disease/condition	Holmes	Indian River	Jackson	Jefferson	Lafayette	Lake	Lee	Leon	Levy	Liberty
Campylobacteriosis	3	50	5	4	6	127	240	38	18	1
Carbon Monoxide Poisoning	0	1	0	0	0	1	8	2	0	0
Chlamydia (Excluding Neonatal Conjunctivitis)	86	492	248	65	19	1,220	3,156	3,363	191	43
Ciguatera Fish Poisoning	0	0	0	0	0	0	1	0	0	0
Creutzfeldt-Jakob Disease (CJD)	0	0	0	0	0	1	1	1	0	0
Cryptosporidiosis	0	10	5	0	2	16	45	33	1	0
Cyclosporiasis	0	2	1	0	0	3	8	2	0	0
Dengue Fever	0	0	0	0	0	1	3	0	0	0
Ehrlichiosis	0	1	1	1	0	1	3	3	0	0
Giardiasis, Acute	0	4	0	0	4	18	60	10	6	2
Gonorrhea (Excluding Neonatal Conjunctivitis)	35	130	122	34	11	349	806	1,096	42	8
<i>Haemophilus influenzae</i> Invasive Disease in Children <5 Years Old	0	0	0	1	0	2	3	0	1	0
Hepatitis A	0	0	0	0	0	12	20	1	0	0
Hepatitis B, Acute	2	8	1	0	0	16	26	2	2	1
Hepatitis B, Chronic	0	15	4	1	2	67	106	65	5	2
Hepatitis B, Pregnant Women	0	3	0	0	0	8	10	5	0	0
Hepatitis C, Acute	0	3	1	0	1	8	12	2	0	0
Hepatitis C, Chronic (Including Perinatal)	28	123	99	13	6	296	797	207	39	21
HIV ¹	1	10	5	1	1	53	77	81	4	1
Lead Poisoning Cases in Children <6 Years Old	1	3	0	0	1	2	9	6	1	1
Lead Poisoning Cases in People ≥6 Years Old	1	7	2	0	0	11	15	3	2	1
Legionellosis	0	2	0	0	0	12	23	0	2	0
Listeriosis	0	0	0	0	0	0	2	0	0	0
Lyme Disease	0	2	0	0	0	6	11	1	0	0
Malaria	0	0	0	0	0	0	0	0	0	0
Meningitis, Bacterial or Mycotic	0	1	0	0	0	1	1	0	0	0
Mercury Poisoning	0	1	0	0	0	0	0	0	0	0
Mumps	0	0	1	0	0	0	0	1	0	0
Pertussis	0	1	0	0	0	3	8	0	2	0
Pesticide-Related Illness and Injury, Acute	0	0	0	0	0	0	0	0	0	0
Rabies, Animal	2	3	2	0	0	3	3	5	1	0
Rabies, Possible Exposure	9	21	6	1	0	146	205	47	0	1
Rocky Mountain Spotted Fever and Spotted Fever Rickettsiosis	0	0	0	0	0	2	1	1	1	0
Salmonellosis	6	51	15	5	1	163	354	76	14	3
Shiga Toxin-Producing <i>Escherichia coli</i> (STEC) Infection	1	5	1	1	0	13	50	8	3	0
Shigellosis	0	5	0	0	0	11	34	4	6	1
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Resistant	1	3	0	0	0	2	1	6	0	0
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Susceptible	2	2	0	1	0	7	5	6	0	0
Syphilis (Excluding Congenital)	3	43	24	7	1	71	151	184	8	1
Syphilis, Congenital	0	1	0	0	0	0	4	4	0	0
Tuberculosis	0	2	1	0	0	6	19	12	0	0
Varicella (Chickenpox)	0	6	1	5	0	8	24	4	3	0
Vibriosis (Excluding Cholera)	0	3	1	0	0	4	27	7	2	0
West Nile Virus Disease	0	0	0	0	0	1	1	3	0	0
Zika Virus Disease and Infection	0	0	0	0	0	0	1	0	0	0

¹ County totals exclude 97 Florida Department of Corrections cases.

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Table 8: Number of Common Reportable Diseases/Conditions by County of Residence, Florida, 2018 (Continued)

Reportable disease/condition	Madison	Manatee	Marion	Martin	Miami Dade	Morroe	Nassau	Okaloosa	Okeechobee
Campylobacteriosis	6	64	121	35	815	32	21	97	11
Carbon Monoxide Poisoning	0	1	3	6	34	0	0	1	0
Chlamydia (Excluding Neonatal Conjunctivitis)	92	1,594	1,561	357	13,415	206	271	1,102	154
Ciguatera Fish Poisoning	0	0	0	0	38	0	0	0	0
Creutzfeldt-Jakob Disease (CJD)	0	0	2	0	2	0	1	0	0
Cryptosporidiosis	1	5	7	6	45	3	9	0	0
Cyclosporiasis	0	0	0	2	3	1	1	0	0
Dengue Fever	0	1	0	0	46	2	0	0	0
Ehrlichiosis	1	1	1	0	0	1	1	0	0
Giardiasis, Acute	2	26	26	14	201	4	6	8	2
Gonorrhea (Excluding Neonatal Conjunctivitis)	45	532	671	70	4,315	41	56	231	19
<i>Haemophilus influenzae</i> Invasive Disease in Children <5 Years Old	0	0	1	0	4	0	0	1	0
Hepatitis A	0	3	13	0	18	1	0	10	1
Hepatitis B, Acute	0	12	7	3	53	8	8	10	13
Hepatitis B, Chronic	4	77	80	23	698	8	11	32	20
Hepatitis B, Pregnant Women	0	5	4	1	21	1	0	1	1
Hepatitis C, Acute	0	6	7	10	63	0	3	5	3
Hepatitis C, Chronic (Including Perinatal)	14	339	656	226	1,404	71	89	231	102
HIV ¹	5	45	41	15	1,224	18	8	18	2
Lead Poisoning Cases in Children <6 Years Old	0	5	3	3	114	1	0	1	2
Lead Poisoning Cases in People ≥6 Years Old	0	18	8	7	124	32	1	6	2
Legionellosis	0	11	2	4	65	0	0	0	0
Listeriosis	0	0	0	1	8	0	0	0	0
Lyme Disease	0	4	7	3	8	1	3	6	2
Malaria	0	0	0	0	11	0	0	1	0
Meningitis, Bacterial or Mycotic	0	3	5	1	12	0	2	1	1
Mercury Poisoning	0	1	0	0	7	3	0	0	0
Mumps	0	0	0	1	14	0	0	0	0
Pertussis	0	14	0	1	23	2	1	2	1
Pesticide-Related Illness and Injury, Acute	0	0	0	0	5	0	0	0	0
Rabies, Animal	2	1	5	0	11	0	1	0	0
Rabies, Possible Exposure	9	82	218	60	464	11	21	83	0
Rocky Mountain Spotted Fever and Spotted Fever Rickettsiosis	0	0	2	0	0	0	0	2	0
Salmonellosis	10	110	126	104	912	18	58	101	19
Shiga Toxin-Producing <i>Escherichia coli</i> (STEC) Infection	1	19	8	7	177	2	5	1	0
Shigellosis	1	72	66	13	297	3	3	53	0
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Resistant	1	2	1	0	18	1	3	0	0
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Susceptible	0	2	0	3	57	1	1	2	10
Syphilis (Excluding Congenital)	10	203	108	33	2,838	27	12	35	3
Syphilis, Congenital	0	2	0	0	24	0	0	0	0
Tuberculosis	1	6	3	4	124	4	2	3	0
Varicella (Chickenpox)	0	19	14	11	90	12	0	8	3
Vibriosis (Excluding Cholera)	1	3	3	3	24	0	1	4	0
West Nile Virus Disease	0	1	0	0	1	0	4	0	0
Zika Virus Disease and Infection	0	1	0	0	37	0	0	0	0

1. County totals exclude 97 Florida Department of Corrections cases.

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Table 8: Number of Common Reportable Diseases/Conditions by County of Residence, Florida, 2018 (Continued)

Reportable disease/condition	Orange	Osceola	Palm Beach	Pasco	Pinellas	Polk	Putnam	Santa Rosa	Sarasota
Campylobacteriosis	207	51	318	150	264	218	28	27	59
Carbon Monoxide Poisoning	3	0	15	5	10	4	2	0	2
Chlamydia (Excluding Neonatal Conjunctivitis)	9,925	1,701	6,039	1,632	4,428	3,568	387	485	1,157
Ciguatera Fish Poisoning	3	0	8	0	1	1	0	0	0
Creutzfeldt-Jakob Disease (CJD)	0	1	0	0	1	2	0	0	0
Cryptosporidiosis	27	4	18	12	34	38	3	1	5
Cyclosporiasis	8	0	5	2	4	4	1	0	2
Dengue Fever	4	0	5	0	0	0	0	0	0
Ehrlichiosis	1	1	0	0	1	0	0	0	0
Giardiasis, Acute	59	13	87	24	41	29	3	5	20
Gonorrhea (Excluding Neonatal Conjunctivitis)	2,948	380	1,467	434	1,441	872	147	87	367
<i>Haemophilus influenzae</i> Invasive Disease in Children <5 Years Old	6	0	3	2	0	4	0	0	0
Hepatitis A	93	4	13	66	113	18	0	3	2
Hepatitis B, Acute	42	13	60	58	52	14	3	12	8
Hepatitis B, Chronic	456	71	340	119	240	94	23	26	58
Hepatitis B, Pregnant Women	29	5	44	5	14	0	2	3	3
Hepatitis C, Acute	27	3	39	21	40	10	3	1	16
Hepatitis C, Chronic (Including Perinatal)	1,788	279	1,330	872	1,330	408	93	138	419
HIV ¹	500	104	298	59	182	113	14	8	32
Lead Poisoning Cases in Children <6 Years Old	28	7	73	16	23	53	3	4	8
Lead Poisoning Cases in People ≥6 Years Old	60	7	66	44	114	68	3	2	19
Legionellosis	45	6	22	21	26	27	0	2	25
Listeriosis	5	0	5	0	1	3	1	0	2
Lyme Disease	5	6	15	5	12	4	0	2	7
Malaria	3	1	4	1	3	1	0	0	1
Meningitis, Bacterial or Mycotic	3	2	3	2	9	6	1	0	1
Mercury Poisoning	0	0	18	0	1	0	0	0	1
Mumps	0	3	3	2	2	2	0	2	0
Pertussis	10	11	25	26	32	15	0	2	16
Pesticide-Related Illness and Injury, Acute	4	1	14	0	4	3	0	0	0
Rabies, Animal	2	1	4	2	1	3	0	1	1
Rabies, Possible Exposure	68	46	238	211	130	229	18	47	56
Rocky Mountain Spotted Fever and Spotted Fever Rickettsiosis	0	0	2	0	2	0	0	2	0
Salmonellosis	384	93	562	151	233	261	53	66	123
Shiga Toxin-Producing <i>Escherichia coli</i> (STEC) Infection	62	14	67	15	14	43	2	4	8
Shigellosis	137	11	67	15	40	21	15	0	16
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Resistant	19	1	12	6	2	13	0	5	0
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Susceptible	20	5	32	8	8	19	0	5	1
Syphilis (Excluding Congenital)	1,026	150	477	75	440	222	20	17	182
Syphilis, Congenital	9	1	7	0	3	2	0	0	3
Tuberculosis	67	5	35	4	33	13	3	3	3
Varicella (Chickenpox)	41	20	52	12	67	41	0	12	10
Vibriosis (Excluding Cholera)	4	2	19	3	6	10	3	0	5
West Nile Virus Disease	0	0	2	0	0	0	1	0	1
Zika Virus Disease and Infection	12	3	8	0	1	0	0	0	0

¹ County totals exclude 97 Florida Department of Corrections cases.

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Table 8: Number of Common Reportable Diseases/Conditions by County of Residence, Florida, 2018 (Continued)

Reportable disease/ condition	Seminole	St. Johns	St. Lucie	Sumter	Suwannee	Taylor	Union	Volusia	Wakulla	Walton	Washington
Campylobacteriosis	59	44	93	27	10	4	4	62	11	13	5
Carbon Monoxide Poisoning	2	2	3	2	0	0	0	13	0	0	0
Chlamydia (Excluding Neonatal Conjunctivitis)	1,984	728	1,304	235	235	93	84	2,103	135	259	90
Ciguatera Fish Poisoning	0	0	5	0	0	0	0	0	0	0	0
Creutzfeldt-Jakob Disease (CJD)	1	1	0	0	0	0	0	2	0	0	0
Cryptosporidiosis	1	5	6	11	3	0	0	12	3	1	1
Cyclosporiasis	1	2	0	2	0	0	0	1	0	0	0
Dengue Fever	0	0	0	0	0	0	0	0	0	0	0
Ehrlichiosis	2	1	0	0	0	0	0	2	0	0	0
Giardiasis, Acute	18	16	13	13	7	2	4	19	2	5	1
Gonorrhea (Excluding Neonatal Conjunctivitis)	646	181	302	85	55	37	19	753	57	98	46
<i>Haemophilus influenzae</i> Invasive Disease in Children <5 Years Old	2	0	0	0	0	0	0	0	0	0	0
Hepatitis A	30	2	2	3	0	0	0	5	0	2	0
Hepatitis B, Acute	17	8	13	5	3	3	1	37	0	6	1
Hepatitis B, Chronic	70	26	75	16	4	2	62	129	1	7	22
Hepatitis B, Pregnant Women	4	2	10	0	0	0	0	8	0	0	0
Hepatitis C, Acute	7	3	14	3	0	0	7	14	0	3	2
Hepatitis C, Chronic (Including Perinatal)	300	233	487	272	46	34	601	768	36	73	227
HIV ¹	75	9	51	4	1	2	2	86	3	1	2
Lead Poisoning Cases in Children <6 Years Old	9	3	10	2	1	2	0	7	3	2	1
Lead Poisoning Cases in People ≥6 Years Old	6	4	10	12	4	1	1	10	0	2	0
Legionellosis	16	5	10	2	2	0	1	9	0	0	0
Listeriosis	0	0	0	0	0	0	0	2	0	0	1
Lyme Disease	3	9	3	2	1	0	0	4	0	0	0
Malaria	4	0	0	0	0	0	0	1	0	0	0
Meningitis, Bacterial or Mycotic	3	2	6	0	1	0	0	0	1	1	0
Mercury Poisoning	0	0	0	0	0	0	0	1	0	0	0
Mumps	0	0	0	0	0	0	0	0	1	0	0
Pertussis	4	11	0	0	0	0	0	3	0	1	0
Pesticide-Related Illness and Injury, Acute	0	2	0	0	0	0	0	0	0	0	0
Rabies, Animal	1	1	1	0	3	0	0	2	1	4	1
Rabies, Possible Exposure	134	90	120	21	20	2	2	134	8	2	6
Rocky Mountain Spotted Fever and Spotted Fever Rickettsiosis	1	0	0	0	0	0	0	0	0	0	0
Salmonellosis	122	125	151	34	28	16	5	204	9	30	10
Shiga Toxin-Producing <i>Escherichia coli</i> (STEC) Infection	9	5	10	7	0	2	1	15	0	1	1
Shigellosis	17	47	11	6	3	1	3	63	0	2	2
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Resistant	5	0	2	0	1	0	0	12	0	3	1
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Susceptible	8	3	2	1	0	3	0	5	1	1	2
Syphilis (Excluding Congenital)	131	36	115	11	6	3	28	130	10	17	17
Syphilis, Congenital	2	0	2	0	0	0	0	3	0	0	0
Tuberculosis	12	2	4	2	1	1	0	3	2	3	0
Varicella (Chickenpox)	17	12	20	4	1	1	1	41	4	2	0
Vibriosis (Excluding Cholera)	3	10	3	2	0	1	0	12	0	2	0
West Nile Virus Disease	0	0	0	0	1	1	0	0	0	0	1
Zika Virus Disease and Infection	1	0	0	0	0	0	0	0	0	1	0

1 County totals exclude 97 Florida Department of Corrections cases.

Appendices

Table 9: Rate Per 100,000 Population of Common Reportable Diseases/Conditions by County of Residence, Florida, 2018

Reportable disease/condition	Alachua	Baker	Bay Bradford	Brevard	Broward	Calhoun	Charlotte	Citrus	Clay	
Campylobacteriosis	17.4	--	23.6	--	10.3	15.3	--	11.4	18.6	20.6
Carbon Monoxide Poisoning	--	--	--	--	--	--	--	--	--	--
Chlamydia (Excluding Neonatal Conjunctivitis)	938.8	520.2	398.4	370.3	352.5	596.2	372.2	160.2	228.7	415.3
Ciguatera Fish Poisoning	--	--	--	--	--	--	--	--	--	--
Creutzfeldt-Jakob Disease (CJD)	--	--	--	--	--	--	--	--	--	--
Cryptosporidiosis	--	--	--	--	--	1.6	--	--	--	--
Cyclosporiasis	--	--	--	--	--	--	--	--	--	--
Dengue Fever	--	--	--	--	--	--	--	--	--	--
Ehrlichiosis	--	--	--	--	--	--	--	--	--	--
Giardiasis, Acute	--	--	--	--	3.6	5.3	--	--	--	--
Gonorrhea (Excluding Neonatal Conjunctivitis)	309.4	178.3	185.5	146.0	82.5	202.6	163.2	32.5	96.4	129.7
<i>Haemophilus influenzae</i> Invasive Disease in Children <5 Years Old	--	--	--	--	--	--	--	--	--	--
Hepatitis A	--	--	--	--	--	--	--	--	--	--
Hepatitis B, Acute	--	--	--	--	--	2.7	--	--	13.8	--
Hepatitis B, Chronic	12.1	--	20.9	--	15.6	32.6	--	17.1	17.2	13.6
Hepatitis B, Pregnant Women	--	--	--	--	--	32.6	--	--	--	--
Hepatitis C, Acute	--	--	--	--	--	2.6	--	--	--	--
Hepatitis C, Chronic (Including Perinatal)	91.8	167.3	186.6	96.1	107.4	94.2	--	104.9	132.3	129.7
HIV ¹	16.3	--	18.7	--	11.6	34.7	--	--	--	13.6
Lead Poisoning Cases in Children <6 Years Old	--	--	--	--	--	40.7	--	--	--	--
Lead Poisoning Cases in People ≥6 Years Old	--	--	--	--	15.6	3.3	--	--	--	--
Legionellosis	--	--	--	--	--	2.7	--	--	--	--
Listeriosis	--	--	--	--	--	--	--	--	--	--
Lyme Disease	--	--	--	--	--	--	--	--	--	--
Malaria	--	--	--	--	--	--	--	--	--	--
Meningitis, Bacterial or Mycotic	--	--	--	--	--	--	--	--	--	--
Mercury Poisoning	--	--	--	--	--	--	--	--	--	--
Mumps	--	--	--	--	--	--	--	--	--	--
Pertussis	--	--	--	--	--	--	--	--	--	--
Pesticide-Related Illness and Injury, Acute	--	--	--	--	--	--	--	--	--	--
Rabies, Animal	--	--	--	--	--	--	--	--	--	--
Rabies, Possible Exposure	32.2	--	34.0	--	21.9	12.0	--	--	--	--
Rocky Mountain Spotted Fever and Spotted Fever Rickettsiosis	--	--	--	--	--	--	--	--	--	--
Salmonellosis	24.3	--	38.4	--	44.9	36.8	--	28.5	32.4	50.6
Shiga Toxin-Producing <i>Escherichia coli</i> (STEC) Infection	--	--	--	--	--	4.0	--	--	--	--
Shigellosis	--	--	--	--	--	16.1	--	--	--	--
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Resistant	--	--	--	--	--	1.3	--	--	--	--
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Susceptible	--	--	--	--	--	3.7	--	--	--	--
Syphilis (Excluding Congenital)	49.3	--	22.0	--	20.7	93.1	--	--	--	12.6
Syphilis, Congenital	--	--	--	--	--	--	--	--	--	--
Tuberculosis	--	--	--	--	--	3.5	--	--	--	--
Varicella (Chickenpox)	--	--	--	--	--	5.9	--	--	--	--
Vibriosis (Excluding Cholera)	--	--	--	--	--	--	--	--	--	--
West Nile Virus Disease	--	--	--	--	--	--	--	--	--	--
Zika Virus Disease and Infection	--	--	--	--	--	--	--	--	--	--

-- Not applicable. Rates calculated for less than 20 cases are unreliable and therefore are not included in this table.

1 County totals exclude 97 Florida Department of Corrections cases.

Appendices

Table 9: Rate Per 100,000 Population of Common Reportable Diseases/Conditions by County of Residence, Florida, 2018

Reportable disease/condition	Collier	Columbia	DeSoto	Dixie	Duval	Escambia	Flagler	Franklin	Gadsden
Campylobacteriosis	21.5	37.4	--	--	22.3	22.1	--	--	--
Carbon Monoxide Poisoning	--	--	--	--	--	--	--	--	--
Chlamydia (Excluding Neonatal Conjunctivitis)	352.7	590.8	372.8	369.8	747.7	666.1	331.9	323.6	1,002.6
Ciguatera Fish Poisoning	--	--	--	--	--	--	--	--	--
Creutzfeldt-Jakob Disease (CJD)	--	--	--	--	--	--	--	--	--
Cryptosporidiosis	--	--	--	--	2.6	--	--	--	--
Cyclosporiasis	--	--	--	--	--	--	--	--	--
Dengue Fever	--	--	--	--	--	--	--	--	--
Ehrlichiosis	--	--	--	--	--	--	--	--	--
Giardiasis, Acute	--	--	--	--	4.0	--	--	--	--
Gonorrhea (Excluding Neonatal Conjunctivitis)	56.9	227.1	125.2	125.2	368.0	222.4	83.9	186.1	296.8
<i>Haemophilus influenzae</i> Invasive Disease in Children <5 Years Old	--	--	--	--	--	--	--	--	--
Hepatitis A	--	--	--	--	--	--	--	--	--
Hepatitis B, Acute	--	--	--	--	5.0	--	--	--	--
Hepatitis B, Chronic	18.5	--	--	--	27.0	24.9	--	--	--
Hepatitis B, Pregnant Women	--	--	--	--	14.5	--	--	--	--
Hepatitis C, Acute	--	--	--	--	--	--	--	--	--
Hepatitis C, Chronic (Including Perinatal)	61.0	158.1	94.6	256.5	135.6	115.1	83.0	202.3	78.9
HIV ¹	10.3	--	--	--	31.0	17.7	--	--	--
Lead Poisoning Cases in Children <6 Years Old	--	--	--	--	91.4	--	--	--	--
Lead Poisoning Cases in People >=6 Years Old	--	--	--	--	12.4	--	--	--	--
Legionellosis	--	--	--	--	3.0	--	--	--	--
Listeriosis	--	--	--	--	--	--	--	--	--
Lyme Disease	--	--	--	--	--	--	--	--	--
Malaria	--	--	--	--	--	--	--	--	--
Meningitis, Bacterial or Mycotic	--	--	--	--	--	--	--	--	--
Mercury Poisoning	--	--	--	--	--	--	--	--	--
Mumps	--	--	--	--	--	--	--	--	--
Pertussis	--	--	--	--	--	--	--	--	--
Pesticide-Related Illness and Injury, Acute	--	--	--	--	--	--	--	--	--
Rabies, Animal	--	--	--	--	--	--	--	--	--
Rabies, Possible Exposure	18.5	--	--	--	2.1	31.9	37.8	--	--
Rocky Mountain Spotted Fever and Spotted Fever Rickettsiosis	--	--	--	--	--	--	--	--	--
Salmonellosis	34.3	58.9	--	--	35.2	24.0	29.5	--	--
Shiga Toxin-Producing <i>Escherichia coli</i> (STEC) Infection	--	--	--	--	2.3	--	--	--	--
Shigellosis	--	--	--	--	3.9	--	--	--	--
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Resistant	--	--	--	--	--	--	--	--	--
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Susceptible	--	--	--	--	--	--	--	--	--
Syphilis (Excluding Congenital)	14.7	--	--	--	62.3	32.2	--	--	107.9
Syphilis, Congenital	--	--	--	--	--	--	--	--	--
Tuberculosis	--	--	--	--	5.1	--	--	--	--
Varicella (Chickenpox)	--	--	--	--	2.8	--	--	--	--
Vibriosis (Excluding Cholera)	--	--	--	--	--	--	--	--	--
West Nile Virus Disease	--	--	--	--	--	--	--	--	--
Zika Virus Disease and Infection	11	--	--	--	--	--	--	--	--

-- Not applicable. Rates calculated for less than 20 cases are unreliable and therefore are not included in this table.

1 County totals exclude 97 Florida Department of Corrections cases.

Appendices

Table 9: Rate Per 100,000 Population of Common Reportable Diseases/Conditions by County of Residence, Florida, 2018

Reportable disease/condition	Glchrist	Gades	Alf Hamilton	Hardee	Hendry	Hernando	Highlands	Hillsborough
Campylobacteriosis	--	--	--	--	--	17.8	--	23.7
Carbon Monoxide Poisoning	--	--	--	--	--	--	--	--
Chlamydia (Excluding Neonatal Conjunctivitis)	273.1	492.7	308.0	666.4	390.0	559.4	340.8	354.2
Ciguatera Fish Poisoning	--	--	--	--	--	--	--	--
Creutzfeldt-Jakob Disease (CJD)	--	--	--	--	--	--	--	--
Cryptosporidiosis	--	--	--	--	--	--	--	5.4
Cyclosporiasis	--	--	--	--	--	--	--	--
Dengue Fever	--	--	--	--	--	--	--	--
Ehrlichiosis	--	--	--	--	--	--	--	--
Giardiasis, Acute	--	--	--	--	--	--	--	4.4
Gonorrhea (Excluding Neonatal Conjunctivitis)	--	--	--	176.8	--	121.0	100.3	110.3
<i>Haemophilus influenzae</i> Invasive Disease in Children <5 Years Old	--	--	--	--	--	--	--	--
Hepatitis A	--	--	--	--	--	--	--	5.9
Hepatitis B, Acute	--	--	--	--	--	--	--	3.5
Hepatitis B, Chronic	--	--	--	--	--	14.0	--	22.9
Hepatitis B, Pregnant Women	--	--	--	--	--	--	--	--
Hepatitis C, Acute	--	--	--	--	--	--	--	1.8
Hepatitis C, Chronic (Including Perinatal)	176.4	--	147.8	136.0	--	--	127.8	85.2
HIV ¹	--	--	--	--	--	--	--	22.8
Lead Poisoning Cases in Children <6 Years Old	--	--	--	--	--	--	--	76.1
Lead Poisoning Cases in People ≥6 Years Old	--	--	--	--	--	--	35.9	18.4
Legionellosis	--	--	--	--	--	--	--	2.2
Listeriosis	--	--	--	--	--	--	--	--
Lyme Disease	--	--	--	--	--	--	--	--
Malaria	--	--	--	--	--	--	--	--
Meningitis, Bacterial or Mycotic	--	--	--	--	--	--	--	--
Mercury Poisoning	--	--	--	--	--	--	--	--
Mumps	--	--	--	--	--	--	--	--
Pertussis	--	--	--	--	--	--	--	4.7
Pesticide-Related Illness and Injury, Acute	--	--	--	--	--	--	--	--
Rabies, Animal	--	--	--	--	--	--	--	--
Rabies, Possible Exposure	--	--	--	--	--	80.9	--	10.1
Rocky Mountain Spotted Fever and Spotted Fever Rickettsiosis	--	--	--	--	--	--	--	--
Salmonellosis	--	--	--	--	--	18.9	27.1	24.2
Shiga Toxin-Producing <i>Escherichia coli</i> (STEC) Infection	--	--	--	--	--	--	--	3.8
Shigellosis	--	--	--	--	--	--	--	2.3
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Resistant	--	--	--	--	--	--	--	1.6
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Susceptible	--	--	--	--	--	--	--	--
Syphilis (Excluding Congenital)	--	--	--	--	--	11.9	--	49.7
Syphilis, Congenital	--	--	--	--	--	--	--	--
Tuberculosis	--	--	--	--	--	--	--	2.0
Varicella (Chickenpox)	--	--	--	--	--	--	--	4.8
Vibriosis (Excluding Cholera)	--	--	--	--	--	--	--	--
West Nile Virus Disease	--	--	--	--	--	--	--	--
Zika Virus Disease and Infection	--	--	--	--	--	--	--	--

-- Not applicable. Rates calculated for less than 20 cases are unreliable and therefore are not included in this table.

1 County totals exclude 97 Florida Department of Corrections cases.

Appendices

Table 9: Rate Per 100,000 Population of Common Reportable Diseases/Conditions by County of Residence, Florida, 2018

Reportable disease/condition	Holmes	Indian River	Jackson	Jefferson	Lafayette	Lake	Lee	Leon	Levy	Liberty
Campylobacteriosis	--	32.9	--	--	--	37.1	33.3	13.1	--	--
Carbon Monoxide Poisoning	--	--	--	--	--	--	--	--	--	--
Chlamydia (Excluding Neonatal Conjunctivitis)	421.5	323.5	489.3	441.4	--	356.4	437.7	1,158.8	459.7	489.7
Ciguatera Fish Poisoning	--	--	--	--	--	--	--	--	--	--
Creutzfeldt-Jakob Disease (CJD)	--	--	--	--	--	--	--	--	--	--
Cryptosporidiosis	--	--	--	--	--	--	6.2	11.4	--	--
Cyclosporiasis	--	--	--	--	--	--	--	--	--	--
Dengue Fever	--	--	--	--	--	--	--	--	--	--
Ehrlichiosis	--	--	--	--	--	--	--	--	--	--
Giardiasis, Acute	--	--	--	--	--	--	8.3	--	--	--
Gonorrhea (Excluding Neonatal Conjunctivitis)	171.5	85.5	240.7	230.9	--	101.9	111.8	377.6	101.1	--
<i>Haemophilus influenzae</i> Invasive Disease in Children <5 Years Old	--	--	--	--	--	--	--	--	--	--
Hepatitis A	--	--	--	--	--	--	2.8	--	--	--
Hepatitis B, Acute	--	--	--	--	--	--	3.6	--	--	--
Hepatitis B, Chronic	--	--	--	--	--	19.6	14.7	22.4	--	--
Hepatitis B, Pregnant Women	--	--	--	--	--	--	--	--	--	--
Hepatitis C, Acute	--	--	--	--	--	--	--	--	--	--
Hepatitis C, Chronic (Including Perinatal)	137.2	80.9	195.3	--	--	86.5	110.5	71.3	93.9	239.2
HIV ¹	--	--	--	--	--	15.5	10.7	27.9	--	--
Lead Poisoning Cases in Children <6 Years Old	--	--	--	--	--	--	--	--	--	--
Lead Poisoning Cases in People ≥6 Years Old	--	--	--	--	--	--	--	--	--	--
Legionellosis	--	--	--	--	--	--	3.2	--	--	--
Listeriosis	--	--	--	--	--	--	--	--	--	--
Lyme Disease	--	--	--	--	--	--	--	--	--	--
Malaria	--	--	--	--	--	--	--	--	--	--
Meningitis, Bacterial or Mycotic	--	--	--	--	--	--	--	--	--	--
Mercury Poisoning	--	--	--	--	--	--	--	--	--	--
Mumps	--	--	--	--	--	--	--	--	--	--
Pertussis	--	--	--	--	--	--	--	--	--	--
Pesticide-Related Illness and Injury, Acute	--	--	--	--	--	--	--	--	--	--
Rabies, Animal	--	--	--	--	--	--	--	--	--	--
Rabies, Possible Exposure	--	13.8	--	--	--	42.6	28.4	16.2	--	--
Rocky Mountain Spotted Fever and Spotted Fever Rickettsiosis	--	--	--	--	--	--	--	--	--	--
Salmonellosis	--	33.5	--	--	--	47.6	49.1	26.2	--	--
Shiga Toxin-Producing <i>Escherichia coli</i> (STEC) Infection	--	--	--	--	--	--	6.9	--	--	--
Shigellosis	--	--	--	--	--	--	4.7	--	--	--
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Resistant	--	--	--	--	--	--	--	--	--	--
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Susceptible	--	--	--	--	--	--	--	--	--	--
Syphilis (Excluding Congenital)	--	28.3	47.3	--	--	20.7	20.9	63.4	--	--
Syphilis, Congenital	--	--	--	--	--	--	--	--	--	--
Tuberculosis	--	--	--	--	--	--	--	--	--	--
Varicella (Chickenpox)	--	--	--	--	--	--	3.3	--	--	--
Vibriosis (Excluding Cholera)	--	--	--	--	--	--	3.7	--	--	--
West Nile Virus Disease	--	--	--	--	--	--	--	--	--	--
Zika Virus Disease and Infection	--	--	--	--	--	--	--	--	--	--

-- Not applicable. Rates calculated for less than 20 cases are unreliable and therefore are not included in this table.

1 County totals exclude 97 Florida Department of Corrections cases.

Appendices

Table 9: Rate Per 100,000 Population of Common Reportable Diseases/Conditions by County of Residence, Florida, 2018

Reportable disease/condition	Madison	Manatee	Marion	Martin	Miami	Dade	Monroe	Nassau	Okaloosa	Okeechobee
Campylobacteriosis	–	16.8	34.1	22.5	29.1	41.8	25.3	48.9	–	–
Carbon Monoxide Poisoning	–	–	–	–	1.2	–	–	–	–	–
Chlamydia (Excluding Neonatal Conjunctivitis)	473.7	418.3	439.3	229.3	478.4	269.2	326.0	555.4	371.2	–
Ciguatera Fish Poisoning	–	–	–	–	1.4	–	–	–	–	–
Creutzfeldt-Jakob Disease (CJD)	–	–	–	–	–	–	–	–	–	–
Cryptosporidiosis	–	–	–	–	1.6	–	–	–	–	–
Cyclosporiasis	–	–	–	–	–	–	–	–	–	–
Dengue Fever	–	–	–	–	1.6	–	–	–	–	–
Ehrlichiosis	–	–	–	–	–	–	–	–	–	–
Giardiasis, Acute	–	6.8	7.3	–	7.2	–	–	–	–	–
Gonorrhea (Excluding Neonatal Conjunctivitis)	231.7	139.6	188.8	45.0	153.9	53.6	67.4	116.4	–	–
<i>Haemophilus influenzae</i> Invasive Disease in Children <5 Years Old	–	–	–	–	–	–	–	–	–	–
Hepatitis A	–	–	–	–	–	–	–	–	–	–
Hepatitis B, Acute	–	–	–	–	1.9	–	–	–	–	–
Hepatitis B, Chronic	–	20.2	22.5	14.8	24.9	–	–	16.1	48.2	–
Hepatitis B, Pregnant Women	–	–	–	–	3.8	–	–	–	–	–
Hepatitis C, Acute	–	–	–	–	2.2	–	–	–	–	–
Hepatitis C, Chronic (Including Perinatal)	–	89.0	184.6	145.1	50.1	92.8	107.1	116.4	245.8	–
HIV ¹	–	11.8	11.5	–	43.6	–	–	–	–	–
Lead Poisoning Cases in Children <6 Years Old	–	–	–	–	59.2	–	–	–	–	–
Lead Poisoning Cases in People ≥6 Years Old	–	–	–	–	4.7	44.2	–	–	–	–
Legionellosis	–	–	–	–	2.3	–	–	–	–	–
Listeriosis	–	–	–	–	–	–	–	–	–	–
Lyme Disease	–	–	–	–	–	–	–	–	–	–
Malaria	–	–	–	–	–	–	–	–	–	–
Meningitis, Bacterial or Mycotic	–	–	–	–	–	–	–	–	–	–
Mercury Poisoning	–	–	–	–	–	–	–	–	–	–
Mumps	–	–	–	–	–	–	–	–	–	–
Pertussis	–	–	–	–	0.8	–	–	–	–	–
Pesticide-Related Illness and Injury, Acute	–	–	–	–	–	–	–	–	–	–
Rabies, Animal	–	–	–	–	–	–	–	–	–	–
Rabies, Possible Exposure	–	21.5	61.4	38.5	16.5	–	25.3	41.8	–	–
Rocky Mountain Spotted Fever and Spotted Fever Rickettsiosis	–	–	–	–	–	–	–	–	–	–
Salmonellosis	–	28.9	35.5	66.8	32.5	–	69.8	50.9	–	–
Shiga Toxin-Producing <i>Escherichia coli</i> (STEC) Infection	–	–	–	–	6.3	–	–	–	–	–
Shigellosis	–	18.9	18.6	–	10.6	–	–	26.7	–	–
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Resistant	–	–	–	–	–	–	–	–	–	–
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Susceptible	–	–	–	–	2.0	–	–	–	–	–
Syphilis (Excluding Congenital)	–	53.3	30.4	21.2	101.2	35.3	–	17.6	–	–
Syphilis, Congenital	–	–	–	–	77.4	–	–	–	–	–
Tuberculosis	–	–	–	–	4.4	–	–	–	–	–
Varicella (Chickenpox)	–	–	–	–	3.2	–	–	–	–	–
Vibriosis (Excluding Cholera)	–	–	–	–	0.9	–	–	–	–	–
West Nile Virus Disease	–	–	–	–	–	–	–	–	–	–
Zika Virus Disease and Infection	–	–	–	–	1	–	–	–	–	–

– Not applicable. Rates calculated for less than 20 cases are unreliable and therefore are not included in this table.

1 County totals exclude 97 Florida Department of Corrections cases.

Appendices

Table 9: Rate Per 100,000 Population of Common Reportable Diseases/Conditions by County of Residence, Florida, 2018

Reportable disease/condition	Orange	Osceola	Palm Beach	Pasco	Pinellas	Polk	Putnam	Santa Rosa	Sarasota
Campylobacteriosis	15.1	14.1	22.0	28.9	27.2	32.0	38.1	15.4	14.2
Carbon Monoxide Poisoning	-	-	-	-	-	-	-	-	-
Chlamydia (Excluding Neonatal Conjunctivitis)	724.2	471.9	418.7	314.7	456.0	523.4	527.1	276.3	278.2
Ciguatera Fish Poisoning	-	-	-	-	-	-	-	-	-
Creutzfeldt-Jakob Disease (CJD)	-	-	-	-	-	-	-	-	-
Cryptosporidiosis	2.0	-	-	-	3.5	5.6	-	-	-
Cyclosporiasis	-	-	-	-	-	-	-	-	-
Dengue Fever	-	-	-	-	-	-	-	-	-
Ehrlichiosis	-	-	-	-	-	-	-	-	-
Giardiasis, Acute	4.3	-	6.0	4.6	4.2	4.3	-	-	4.8
Gonorrhea (Excluding Neonatal Conjunctivitis)	215.1	105.4	101.7	83.7	148.4	127.9	200.2	49.6	88.2
<i>Haemophilus influenzae</i> Invasive Disease in Children <5 Years Old	-	-	-	-	-	-	-	-	-
Hepatitis A	6.8	-	-	12.7	11.6	-	-	-	-
Hepatitis B, Acute	3.1	-	4.2	11.2	5.4	-	-	-	-
Hepatitis B, Chronic	33.3	19.7	23.6	22.9	24.7	13.8	31.3	14.8	13.9
Hepatitis B, Pregnant Women	9.3	-	17.9	-	-	-	-	-	-
Hepatitis C, Acute	2.0	-	2.7	4.0	4.1	-	-	-	-
Hepatitis C, Chronic (Including Perinatal)	130.5	77.4	92.2	168.1	137.0	59.9	126.7	78.6	100.7
HIV ¹	36.5	28.9	20.7	11.4	18.7	16.6	-	-	7.7
Lead Poisoning Cases in Children <6 Years Old	27.5	-	81.8	-	44.4	110.2	-	-	-
Lead Poisoning Cases in People ≥6 Years Old	4.7	-	4.9	9.1	12.4	10.7	-	-	-
Legionellosis	3.3	-	1.5	4.0	2.7	4.0	-	-	6.0
Listeriosis	-	-	-	-	-	-	-	-	-
Lyme Disease	-	-	-	-	-	-	-	-	-
Malaria	-	-	-	-	-	-	-	-	-
Meningitis, Bacterial or Mycotic	-	-	-	-	-	-	-	-	-
Mercury Poisoning	-	-	-	-	-	-	-	-	-
Mumps	-	-	-	-	-	-	-	-	-
Pertussis	-	-	1.7	5.0	3.3	-	-	-	-
Pesticide-Related Illness and Injury, Acute	-	-	-	-	-	-	-	-	-
Rabies, Animal	-	-	-	-	-	-	-	-	-
Rabies, Possible Exposure	5.0	12.8	16.5	40.7	13.4	33.6	-	26.8	13.5
Rocky Mountain Spotted Fever and Spotted Fever Rickettsiosis	-	-	-	-	-	-	-	-	-
Salmonellosis	28.0	25.8	39.0	29.1	24.0	38.3	72.2	37.6	29.6
Shiga Toxin-Producing <i>Escherichia coli</i> (STEC) Infection	4.5	-	4.6	-	-	6.3	-	-	-
Shigellosis	10.0	-	4.6	-	4.1	3.1	-	-	-
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Resistant	-	-	-	-	-	-	-	-	-
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Susceptible	1.5	-	2.2	-	-	-	-	-	-
Syphilis (Excluding Congenital)	74.9	41.6	33.1	14.5	45.3	32.6	27.2	-	43.8
Syphilis, Congenital	-	-	-	-	-	-	-	-	-
Tuberculosis	4.9	-	2.4	-	3.4	-	-	-	-
Varicella (Chickenpox)	3.0	5.5	3.6	-	6.9	6.0	-	-	-
Vibriosis (Excluding Cholera)	-	-	-	-	-	-	-	-	-
West Nile Virus Disease	-	-	-	-	-	-	-	-	-
Zika Virus Disease and Infection	-	-	-	-	-	-	-	-	-

- Not applicable. Rates calculated for less than 20 cases are unreliable and therefore are not included in this table.

1 County totals exclude 97 Florida Department of Corrections cases.

Appendices

Table 9: Rate Per 100,000 Population of Common Reportable Diseases/Conditions by County of Residence, Florida, 2018

Reportable disease/condition	Seminole	St. Johns	St. Lucie	Sumter	Suwannee	Taylor	Union	Volusia	Wakulla	Walton	Washington
Campylobacteriosis	12.7	18.2	30.5	21.5	--	--	--	11.6	--	--	--
Carbon Monoxide Poisoning	--	--	--	--	--	--	--	--	--	--	--
Chlamydia (Excluding Neonatal Conjunctivitis)	427.9	301.4	427.9	186.8	520.8	417.8	526.1	394.6	417.3	381.3	356.5
Ciguatera Fish Poisoning	--	--	--	--	--	--	--	--	--	--	--
Creutzfeldt-Jakob Disease (CJD)	--	--	--	--	--	--	--	--	--	--	--
Cryptosporidiosis	--	--	--	--	--	--	--	--	--	--	--
Cyclosporiasis	--	--	--	--	--	--	--	--	--	--	--
Dengue Fever	--	--	--	--	--	--	--	--	--	--	--
Ehrlichiosis	--	--	--	--	--	--	--	--	--	--	--
Giardiasis, Acute	--	--	--	--	--	--	--	--	--	--	--
Gonorrhea (Excluding Neonatal Conjunctivitis)	139.3	74.9	99.1	67.6	121.9	166.2	--	141.3	176.2	144.3	182.2
<i>Haemophilus influenzae</i> Invasive Disease in Children <5 Years Old	--	--	--	--	--	--	--	--	--	--	--
Hepatitis A	6.5	--	--	--	--	--	--	--	--	--	--
Hepatitis B, Acute	--	--	--	--	--	--	--	6.9	--	--	--
Hepatitis B, Chronic	15.1	10.8	24.6	--	--	--	388.3	24.2	--	--	87.2
Hepatitis B, Pregnant Women	--	--	--	--	--	--	--	--	--	--	--
Hepatitis C, Acute	--	--	--	--	--	--	--	--	--	--	--
Hepatitis C, Chronic (Including Perinatal)	64.7	96.5	159.8	216.3	101.9	152.8	3,764.2	144.1	111.3	107.5	899.3
HIV ¹	16.2	--	16.7	--	--	--	--	16.1	--	--	--
Lead Poisoning Cases in Children <6 Years Old	--	--	--	--	--	--	--	--	--	--	--
Lead Poisoning Cases in People ≥6 Years Old	--	--	--	--	--	--	--	--	--	--	--
Legionellosis	--	--	--	--	--	--	--	--	--	--	--
Listeriosis	--	--	--	--	--	--	--	--	--	--	--
Lyme Disease	--	--	--	--	--	--	--	--	--	--	--
Malaria	--	--	--	--	--	--	--	--	--	--	--
Meningitis, Bacterial or Mycotic	--	--	--	--	--	--	--	--	--	--	--
Mercury Poisoning	--	--	--	--	--	--	--	--	--	--	--
Mumps	--	--	--	--	--	--	--	--	--	--	--
Pertussis	--	--	--	--	--	--	--	--	--	--	--
Pesticide-Related Illness and Injury, Acute	--	--	--	--	--	--	--	--	--	--	--
Rabies, Animal	--	--	--	--	--	--	--	--	--	--	--
Rabies, Possible Exposure	28.9	37.3	39.4	16.7	44.3	--	--	25.1	--	--	--
Rocky Mountain Spotted Fever and Spotted Fever Rickettsiosis	--	--	--	--	--	--	--	--	--	--	--
Salmonellosis	26.3	51.8	49.5	27.0	62.1	--	--	38.3	--	44.2	--
Shiga Toxin-Producing <i>Escherichia coli</i> (STEC) Infection	--	--	--	--	--	--	--	--	--	--	--
Shigellosis	--	19.5	--	--	--	--	--	11.8	--	--	--
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Resistant	--	--	--	--	--	--	--	--	--	--	--
<i>Streptococcus pneumoniae</i> Invasive Disease, Drug-Susceptible	--	--	--	--	--	--	--	--	--	--	--
Syphilis (Excluding Congenital)	28.3	14.9	37.7	--	--	--	175.4	24.4	--	--	--
Syphilis, Congenital	--	--	--	--	--	--	--	--	--	--	--
Tuberculosis	--	--	--	--	--	--	--	--	--	--	--
Varicella (Chickenpox)	--	--	6.6	--	--	--	--	7.7	--	--	--
Vibriosis (Excluding Cholera)	--	--	--	--	--	--	--	--	--	--	--
West Nile Virus Disease	--	--	--	--	--	--	--	--	--	--	--
Zika Virus Disease and Infection	--	--	--	--	--	--	--	--	--	--	--

-- Not applicable. Rates calculated for less than 20 cases are unreliable and therefore are not included in this table.

1 County totals exclude 97 Florida Department of Corrections cases.

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Appendix II: Data Sources

Data presented in this report are based on reportable disease information received by county and state health department staff from physicians, hospitals and laboratories throughout the state obtained through passive and active surveillance. Notifying the Department of cases of reportable diseases and conditions in the state of Florida is mandated under section 381.0031, Florida Statutes and Florida Administrative Code Chapter 64D-3. Laboratories, hospitals, medical facilities or other facilities providing health services (which can include schools, nursing homes and state institutions) are required to report certain diseases and conditions and the associated laboratory test results as listed in the Table of Notifiable Diseases or Conditions to Be Reported, Florida Administrative Code Chapter 64D-3. Reporting of test results by a laboratory does not nullify a practitioner's obligation to report the disease or condition. These data are the basis for providing useful information on reportable diseases and conditions in Florida to health care workers and policymakers and would not be possible without the cooperation of the extensive network involving both private and public sector participants. Data in this report are collected by a variety of means described on the following page.

Case-based passive surveillance is the most common surveillance approach for reportable diseases. Passive surveillance relies on physicians, laboratories and other health care providers to report diseases to the Department confidentially in one of three forms: electronically, by telephone or by facsimile. Increasingly, information about cases of reportable diseases and conditions is passed from providers, especially laboratories, to the Department as electronic records. This occurs automatically, without the involvement of a person once the electronic transmission process has been established between the Department and the reporting partner. Case-based reporting implies that some action is taken for every case, such as interviewing the case to identify risk factors or detect outbreaks.

Laboratory-based surveillance is when laboratory data are used to assess trends. In Florida, laboratory-based surveillance is used to monitor antimicrobial resistance patterns in the community and is the primary means of monitoring diseases such as chronic hepatitis. Laboratories participating in electronic laboratory reporting (ELR) are required to submit antimicrobial resistance testing for a variety of bacteria. These laboratories are also required to submit all positive and negative results to the Department for hepatitis viruses, human papillomavirus, influenza virus, respiratory syncytial virus (RSV) and *Staphylococcus aureus*. Individual cases of these diseases are not investigated (except for acute hepatitis infections); surveillance relies entirely on laboratory results. Additionally, the CDC's National Respiratory and Enteric Virus Surveillance System (NREVSS) is a laboratory-based system used to monitor temporal and geographic circulation patterns of RSV and other respiratory viruses in Florida.

Sentinel surveillance is when a sample of providers or laboratories are used to represent a wider population. ILINet is a nationwide surveillance system of sentinel providers, predominately outpatient health care providers, to monitor influenza and influenza-like illness (ILI) in the community.

Syndromic surveillance uses existing health-related data that precede diagnosis to identify cases of reportable diseases that would have otherwise gone unreported, identify outbreaks, monitor health trends in the community and provide situational awareness during public health responses. Florida uses the Electronic Surveillance System for the Early Notification of Community-Based Epidemics (ESSENCE-FL) to monitor influenza, ILI and RSV trends across the state through chief complaints and discharge diagnoses from participating emergency departments and urgent care centers.

Registries are another passive surveillance approach. The Florida Cancer Data System (FCDS) is Florida's legislatively mandated population-based statewide cancer registry. All hospital and outpatient facilities licensed in Florida must report each patient admitted for treatment of cancer to the Department. The Florida Birth Defects Registry (FBDR) is a passive statewide population-based surveillance system. FBDR utilizes and links multiple datasets, including vital statistics and hospital records, to identify infants with birth defects.

Active surveillance entails Department staff regularly contacting hospitals, laboratories and physicians in an effort to identify all cases of a given disease or condition. This approach can be used in outbreak situations or to support an event or case investigation of urgent public health importance.

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Appendix III: Interpreting the Data

Information in this report should be interpreted in light of the limitations below.

1: Under-Reporting

The data presented in this report are primarily based on passive reporting by health care providers and laboratories across Florida. Case reporting is most often dependent upon a person becoming ill, seeking medical attention, the health care provider ordering laboratory testing and finally the health care provider or laboratory reporting the case. Frequently, not all steps in this process occur, so the number of reported cases represents a fraction of the true number of cases of reportable illnesses occurring in Florida each year. Evaluations of infectious disease reporting systems have indicated that the completeness of reporting varies by disease. The less common but more severe reportable diseases such as bacterial meningitis, diphtheria, polio, botulism, anthrax, tuberculosis and congenital syphilis are more completely reported than the more common diseases with less severe symptoms such as hepatitis A or campylobacteriosis. Variation in identified disease incidence at the local level probably reflects, to varying degrees, both differences in the true incidence of disease and differences in the vigor with which surveillance is performed.

2: Reliability of Rates

All incidence rates in this report are expressed as the number of reported cases of a disease or condition per 100,000 population unless otherwise specified. All population estimates are from the Community Health Assessment Resource Tool Set (CHARTS), a Department Web-based data query system with community tools, health indicators and data queries for public consumption (www.FLHealthCHARTS.com). Population estimates within CHARTS are provided by the Department of Health Division of Public Health Statistics and Performance Management in consultation with the Florida Legislature's Office of Economic and Demographic Research. Estimates in CHARTS are updated at least once per year, and population data were extracted from CHARTS for this report on July 29, 2019. Note that previous editions of this report may show somewhat different populations for a given year than the ones shown here, as these estimates are revised periodically. Revisions to population estimates can also impact disease rates.

Animal rabies is not expressed as a rate; it is only expressed as the number of cases because no reliable denominators exist for animal populations.

Rates for diseases with only a few cases reported per year can be unstable and should be interpreted with caution. The observation of zero events is especially difficult to interpret. Rates were not generally calculated in this report when there were less than 20 cases, except as part of graphs and maps. In some cases, even though maps and graphs (e.g., by year, gender, race) may have small individual counts, rates were calculated. These maps include footnotes as a reminder that rates based on less than 20 cases are not reliable.

3: Determining How Cases Are Counted: Reporting Period and Cases Included

Unless otherwise noted, confirmed and probable cases reported in Florida residents are included in this report. There are important differences by disease that determine how cases are counted and summarized in this report. The date of illness onset or the date of diagnosis may not be available for all cases. Cases reported early in 2018 may have actually had onset or diagnosis in 2017; rarely, cases reported in 2018 may have onset or diagnosis dates prior to 2017. Additionally, cases with illness onset or diagnosis late in 2018 may not have been reported to public health by the end of the 2018 report year and thus would not be included in this report for most diseases. Information by disease is listed on the following page.

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AIDS and HIV diagnoses

Year: Data are aggregated by calendar year.

Diagnoses included: HIV diagnoses are based on the date, county of residence and state of residence of the first confirmed HIV test. AIDS diagnoses are based on the date, county of residence and state of residence of the first CD4 count below 200 cells/mm³ or AIDS-defining opportunistic infection in a person with HIV. The 2018 HIV and AIDS diagnosis dataset was frozen on June 30, 2019. Changes occurring after that point that affect the number of cases in 2018 or earlier will be updated in the following year's dataset.

Please note that prior to 2014, HIV and AIDS diagnoses were assigned to a report year based on the date the case was entered into the surveillance system. For more information about how AIDS and HIV diagnoses are counted, please see the HIV Data Center website (FloridaHealth.gov/diseases-and-conditions/aids/surveillance/index.html).

Sexually transmitted diseases (STDs)

Year: Data are aggregated by calendar year.

Cases included: Cases are assigned to a report year based on the date the case was entered into the surveillance system. Occasionally, STD reports are received after the end of the reporting year that should have been included based on the laboratory result date. For these cases, the laboratory result date is used for the report date.

Tuberculosis

Year: Data are aggregated by calendar year.

Cases included: Cases are assigned to a report year based on the date when the suspected diagnosis is confirmed by clinical, radiographic and laboratory testing (often referred to as "date counted").

Zika virus disease and infection (including congenital)

Year: Data are aggregated by the standard reporting year as outlined by the Centers for Disease Control and Prevention (CDC), where every year has 52 or 53 weeks (there were 52 weeks in 2018). This is referred to as the Morbidity and Mortality Weekly Report (MMWR) year.

Cases included: Cases are assigned to a report year based on the earliest date associated with the case (onset date, diagnosis date, laboratory report date or date the Department was notified of the case). In the surveillance application, Merlin, this is referred to as "event date."

All other diseases

Year: Data are aggregated by MMWR year (see above for explanation of MMWR year).

Cases included: Cases are assigned to a report year based on the date the case was determined to have enough information to be submitted by county health department epidemiology staff to the Department of Health Bureau of Epidemiology (BOE) for state-level review. In the surveillance application, Merlin, this is referred to as "date reported to BOE."

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Disease-specific reports describing data by other dates, such as disease onset and diagnosis dates, may also be published and available on the Department website; numbers may vary from this report based on different inclusion criteria.

4: Case Definitions

Cases of most diseases are classified as confirmed, probable or suspect at the state level using a published set of surveillance case definitions consistent with national case definitions where appropriate (Surveillance Case Definitions for Selected Reportable Diseases in Florida, available at FloridaHealth.gov/DiseaseCaseDefinitions). Case classifications are reviewed at the state level for most diseases. Following CDC MMWR print criteria (available at www.cdc.gov/nndss/script/downloads.aspx), only confirmed and probable cases have been included in this report unless otherwise specified (i.e., suspect cases are excluded).

Changes to case definitions can affect the number of cases reported, which can impact calculated incidence rates, but ultimately case definition changes do not change the true incidence of a disease. Each year case definitions are evaluated for necessary revisions. A number of changes were made to reportable disease case definitions in 2018 as a result of position statements approved by the Council of State and Territorial Epidemiologists (CSTE) in 2017.

Summary of case definition changes effective January 2018:

- a. Anthrax:
 - Revised laboratory diagnostics
 - Added infections with *Bacillus cereus* strains that express anthrax toxin genes
 - Clarified terms for types of anthrax
 - Refined signs and symptoms
- b. Cryptosporidiosis: clarified which symptoms meet the clinical criteria for case classification
- c. Giardiasis: clarified which symptoms meet the clinical criteria for case classification
- d. Hepatitis A: added nucleic acid amplification test as a confirmatory laboratory test in the absence of clinical signs or symptoms
- e. Hepatitis B, acute and chronic:
 - Excluded children ≤ 24 months old unless the mother was known not to be infected with hepatitis B virus
 - Removed negative to positive result conversion for acute hepatitis B
- f. Hepatitis C, perinatal:
 - Expanded laboratory criteria to include hepatitis C virus antigen test (if and when an FDA-approved test becomes available)
 - Updated the epidemiologic criteria
- g. Hepatitis C, acute and chronic:
 - Clarified laboratory criteria
 - Excluded children ≤ 36 months old unless the child is known to have been exposed to hepatitis C virus via a mechanism other than perinatal transmission
- h. Legionellosis: replaced a fourfold increase in antibody titers with a single elevated antibody titer in the supportive laboratory criteria
- i. Listeriosis: added new suspect case classification for clinically compatible illnesses in people with positive

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culture-independent diagnostic testing (CIDT)

j. Shiga toxin-producing *Escherichia coli*:

- Added new probable case classification for clinically compatible illnesses in people with positive CIDT
- Removed the clinical compatibility requirement from suspect case classification for people with CIDT

5: Assigning Cases to Counties

Cases are assigned to Florida counties following national guidance and based on the county of residence at the time of the disease identification, regardless of where they became ill or were hospitalized, diagnosed or exposed. Cases who reside outside of Florida are not counted as Florida cases regardless of whether they became ill or were hospitalized, diagnosed or exposed in Florida. Zika virus disease and infection cases do include residents of other states; however cases of other diseases in out-of-state residents are not included in this report unless specifically noted. These cases are referred through an interstate reciprocal notification system to the state where the person resides.

6: Population Estimates

All population estimates are from the Community Health Assessment Resource Tool Set (CHARTS), a Department Web-based data query system with community tools, health indicators and data queries for public consumption (FLHealthCHARTS.com). Population estimates within CHARTS are provided by the Department of Health Division of Public Health Statistics and Performance Management in consultation with the Florida Legislature's Office of Economic and Demographic Research. Estimates in CHARTS are updated at least once per year, and population data were extracted from CHARTS for this report on July 29, 2019. Note that previous editions of this report may show somewhat different populations for a given year than the ones shown here, as these estimates are revised periodically. Revisions to population estimates can also impact disease rates.

7: Florida Disease Codes in Merlin

Reported case data for most reportable diseases (excluding HIV/AIDS, STDs and tuberculosis) are stored in Merlin, Florida's Web-based reportable disease surveillance system. When entering case data into Merlin, users assign a Florida Disease Code based on the disease. Due to changes in case definitions over time, new codes have been added and outdated codes have expired. In addition, some diseases have multiple disease codes that represent different clinical manifestations.

Diseases that include cases from multiple or expired Florida Disease Codes in this report:

a. Amebic Infections

Amebic Infections (*Acanthamoeba*) - 13621

Amebic Infections (*Balamuthia mandrillaris*) - 13625

Amebic Infections (*Naegleria fowleri*) - 13629

Amebic Encephalitis - 13620 (EXPIRED)

b. California Serogroup Virus Disease

California Serogroup Virus Neuroinvasive Disease - 06250

California Serogroup Virus Non-Neuroinvasive Disease - 06251

c. Dengue Fever

Dengue Fever - 06100

Dengue Fever, Severe - 06101

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- d. Eastern Equine Encephalitis
 - Eastern Equine Encephalitis Neuroinvasive Disease - 06220
 - Eastern Equine Encephalitis Non-Neuroinvasive Disease - 06221
- e. Ehrlichiosis
 - Ehrlichiosis (*Ehrlichia ewingii*) - 08383
 - Ehrlichiosis, HME (*Ehrlichia chaffeensis*) - 08382
- f. Hantavirus Infection
 - Hantavirus Infection, Non-Pulmonary Syndrome - 07870
 - Hantavirus Pulmonary Syndrome - 07869
- g. Plague
 - Plague, Bubonic - 02000
 - Plague, Pneumonic - 02050
- h. Poliomyelitis
 - Poliomyelitis, Nonparalytic - 04520
 - Poliomyelitis, Paralytic - 04590
- i. Q Fever (*Coxiella burnetii*)
 - Q Fever, Acute (*Coxiella burnetii*) - 08301
 - Q Fever, Chronic (*Coxiella burnetii*) - 08302
- j. Rocky Mountain Spotted Fever and Spotted Fever Rickettsiosis
 - Rocky Mountain Spotted Fever and Spotted Fever Rickettsiosis - 08309
 - Rocky Mountain Spotted Fever - 08200 (EXPIRED)
- k. Rubella
 - Rubella - 05690
 - Rubella, Congenital Syndrome - 77100
- l. Salmonellosis
 - Paratyphoid Fever (*Salmonella* Serotypes Paratyphi A, B, C) - 00210
 - Salmonellosis - 00300
- m. St. Louis Encephalitis
 - St. Louis Encephalitis Neuroinvasive Disease - 06230
 - St. Louis Encephalitis Non-Neuroinvasive Disease - 06231
- n. Typhus Fever
 - Typhus Fever, Epidemic (*Rickettsia prowazekii*) - 08000
 - Typhus Fever, Endemic (*Rickettsia typhi*) - 08100 (EXPIRED)
- o. Venezuelan Equine Encephalitis
 - Venezuelan Equine Encephalitis Neuroinvasive Disease - 06620
 - Venezuelan Equine Encephalitis Non-Neuroinvasive Disease - 06621
- p. Vibriosis (Excluding Cholera)
 - Vibriosis (*Grimontia hollisae*) - 00196
 - Vibriosis (*Vibrio alginolyticus*) - 00195

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- q. Viral Hemorrhagic Fever
 - Crimean-Congo Hemorrhagic Fever - 06591
 - Ebola Hemorrhagic Fever - 06592
 - Guanarito Hemorrhagic Fever - 06593
 - Junin Hemorrhagic Fever - 06594
 - Lassa Fever - 06595
 - Lujo Virus - 06596
 - Machupo Hemorrhagic Fever - 06597
 - Marburg Fever - 06598
 - Sabia-Associated Hemorrhagic Fever - 06599
 - Viral Hemorrhagic Fever - 06590 (EXPIRED)
- r. West Nile Virus Disease
 - West Nile Virus Neuroinvasive Disease - 06630
 - West Nile Virus Non-Neuroinvasive Disease - 06631
- s. Western Equine Encephalitis
 - Western Equine Encephalitis Neuroinvasive Disease - 06210
 - Western Equine Encephalitis Non-Neuroinvasive Disease - 06211

Appendix IV: Report Terminology

Section 1: Data Summaries for Common Reportable Diseases/Conditions and Section 2: Narratives for Uncommon Reportable Diseases/Conditions each include tables and figures that summarize characteristics of cases. Those characteristics are defined below.

Case classification: all cases are classified as confirmed or probable according to the surveillance case definition based on clinical, laboratory and epidemiologic information. Current and historical case definitions can be found here: FloridaHealth.gov/DiseaseCaseDefinitions.

Hospitalized: a person with a reportable disease was hospitalized, though the hospitalization may not necessarily have been due to the reportable disease or condition.

Died: A person with a reportable disease or condition died, though the death may not necessarily have been due to the illness and may have occurred after the illness.

Sensitive situation: settings where people with certain diseases may be more likely to infect others. For example, a food handler with an enteric illness like salmonellosis may contaminate food and infect people who eat the food. In this report, sensitive situations include daycare staff and attendees, health care workers and food handlers.

Imported status: where a person was most likely exposed to the organism or environment that caused the reportable disease or condition. Note that Puerto Rico and the U.S. Virgin Islands are U.S. territories and are included in the category “acquired in the U.S., not Florida.”

Outbreak status: two or more cases that are epidemiologically linked are considered outbreak-associated, unless otherwise noted.

Month of occurrence: determined by the earliest date associated with the case, which is most frequently the date of onset, but can also be the diagnosis date, the laboratory report date or the date the county health department was notified of the case.

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Appendix V: List of Reportable Diseases/Conditions in Florida, 2018

Subsection 381.0031(2), Florida Statutes, provides that “Any practitioner licensed in this state to practice medicine, osteopathic medicine, chiropractic medicine, naturopathy, or veterinary medicine; any hospital licensed under part I of Chapter 395, Florida Statutes; or any laboratory licensed under Chapter 483, Florida Statutes that diagnoses or suspects the existence of a disease of public health significance shall immediately report the fact to the Department of Health.” This list of reportable diseases and conditions is maintained in Florida Administrative Code Rule 64D-3.029. The Rule was last revised in October 2016. The list below reflects the diseases and conditions that were reportable in 2018.

Any disease outbreak	Measles (rubeola)
Any grouping or clustering of disease	Melioidosis
Acquired immune deficiency syndrome (AIDS)	Meningitis, bacterial or mycotic
Amebic encephalitis	Meningococcal disease
Anthrax	Mercury poisoning
Arsenic poisoning	Mumps
Arboviral diseases not otherwise listed	Neonatal abstinence syndrome (NAS)
Babesiosis	Neurotoxic shellfish poisoning
Botulism	Paratyphoid fever (<i>Salmonella</i> serotypes Paratyphi A, B, C)
Brucellosis	Pertussis
California serogroup virus disease	Pesticide-related illness and injury, acute
Campylobacteriosis	Plague
Cancer (excluding non-melanoma skin cancer and including benign and borderline intracranial and CNS tumors)	Poliomyelitis
Carbon monoxide poisoning	Psittacosis (ornithosis)
Chancroid	Q Fever
Chikungunya fever	Rabies (human, animal, possible exposure)
Chlamydia	Ricin toxin poisoning
Cholera (<i>Vibrio cholerae</i> type O1)	Rocky Mountain spotted fever and other spotted fever rickettsioses
Ciguatera fish poisoning	Rubella
Congenital anomalies	St. Louis encephalitis
Conjunctivitis in neonates <14 days old	Salmonellosis
Creutzfeldt-Jakob disease (CJD)	Saxitoxin poisoning (paralytic shellfish poisoning)
Cryptosporidiosis	Severe acute respiratory disease syndrome associated with coronavirus infection
Cyclosporiasis	Shiga toxin-producing <i>Escherichia coli</i> (STEC) infection
Dengue fever	Shigellosis
Diphtheria	Smallpox
Eastern equine encephalitis	Staphylococcal enterotoxin B poisoning
Ehrlichiosis/anaplasmosis	<i>Staphylococcus aureus</i> infection, intermediate or full resistance to vancomycin (VISA, VRSA)
Giardiasis, acute	<i>Streptococcus pneumoniae</i> invasive disease in children <6 years old (all ages for electronic laboratory reporting laboratories)
Glanders	Syphilis
Gonorrhea	Tetanus
Granuloma inguinale	Trichinellosis (trichinosis)
<i>Haemophilus influenzae</i> invasive disease in children <5 years old (all ages for electronic laboratory reporting laboratories)	Tuberculosis (TB)
Hansen’s disease (leprosy)	Tularemia
Hantavirus infection	Typhoid fever (<i>Salmonella</i> serotype Typhi)
Hemolytic uremic syndrome (HUS)	Typhus fever, epidemic
Hepatitis A	Vaccinia disease
Hepatitis B, C, D, E, and G	Varicella (chickenpox)
Hepatitis B surface antigen in pregnant women or children <2 years old	Venezuelan equine encephalitis
Herpes B virus, possible exposure	Vibriosis (infections of <i>Vibrio</i> species and closely related organisms, excluding <i>Vibrio cholerae</i> type O1)
Herpes simplex virus (HSV) in infants <60 days old with disseminated infection and liver involvement; encephalitis; and infections limited to skin, eyes, and mouth; anogenital HSV in children <12 years old	Viral hemorrhagic fevers
Human immunodeficiency virus (HIV) infection	West Nile virus disease
HIV, exposed infants <18 months old born to an HIV-infected woman	Yellow fever
Human papillomavirus (HPV), associated laryngeal papillomas or recurrent respiratory papillomatosis in children <6 years old; anogenital papillomas in children <12 years old (all HPV DNA for electronic laboratory reporting laboratories)	Zika fever
Influenza A, novel or pandemic strains	Electronic laboratory reporting laboratories only:
Influenza-associated pediatric mortality in children <18 years old	Antimicrobial resistance results for isolates from a normally sterile site for <i>Acinetobacter baumannii</i> , <i>Citrobacter</i> species, <i>Enterococcus</i> species, <i>Enterobacter</i> species, <i>Escherichia coli</i> , <i>Klebsiella</i> species, <i>Pseudomonas aeruginosa</i> , and <i>Serratia</i> species
Lead poisoning	Hepatitis B, C, D, E, and G viruses, all test results (positive and negative) and all liver function tests
Legionellosis	Influenza virus, all test results (positive and negative)
Leptospirosis	Respiratory syncytial virus, all test results (positive and negative)
Listeriosis	<i>Staphylococcus aureus</i> isolated from a normally sterile site
Lyme disease	
Lymphogranuloma venereum (LGV)	
Malaria	

Appendices

Appendix VI: Florida County Boundaries



Appendices

Appendix VII: Florida Population Estimates

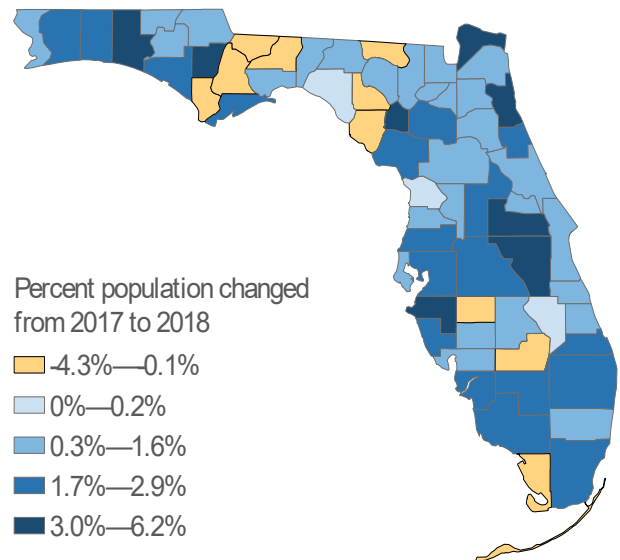
The estimated population in 2018 increased 2.0% from 2017. Note that increases are not uniform across all demographic groups, though increases occurred in most demographic groups. The increase was very similar between males and females, but was notably higher for Hispanics and other races. The largest increases were in older age groups, particularly adults 65 to 84 years old. Population decreased for infants <1 year old and young adults 20 to 24 years old. Population decreases from 2017 to 2018 were observed in 10 counties, ranging from -0.3% to -4.3%. Increases in the remaining 57 counties varied from 0.1% to 6.2%.

Year	Population
2009	18,711,844
2010	18,820,280
2011	18,941,742
2012	19,118,938
2013	19,314,396
2014	19,579,871
2015	19,897,762
2016	20,231,092
2017	20,555,733
2018	20,957,705

All population estimates are from the Community Health Assessment Resource Tool Set (CHARTS), a Department Web-based data query system with community tools, health indicators and data queries for public consumption (www.FLHealthCHARTS.com). Population estimates within CHARTS are provided by the Department of Health Division of Public Health Statistics and Performance Management in consultation with the Florida Legislature's Office of Economic and Demographic Research. Estimates in CHARTS are updated at least once per year, and population data were extracted from CHARTS for this report on July 29, 2019. Note that previous editions of this report may show somewhat different populations for a given year than the ones shown here, as these estimates are revised periodically. Revisions to population estimates can also impact disease rates.

Larger population increases were clustered in the western part of the Panhandle as well as central and south Florida. Population decreases were primarily clustered in the central and eastern parts of the Panhandle.

Gender	2017 Population	2018 Population	Percent Change
Female	10,512,814	10,713,412	+1.9%
Male	10,042,919	10,244,293	+2.0%
Race	2017 Population	2018 Population	Percent Change
White	15,944,707	16,219,736	+1.7%
Black	3,470,105	3,549,464	+2.3%
Other	1,140,921	1,188,505	+4.2%
Ethnicity	2017 Population	2018 Population	Percent Change
Non-Hispanic	15,419,874	15,564,588	+0.9%
Hispanic	5,135,859	5,393,117	+5.0%
Age	2017 Population	2018 Population	Percent Change
<1	219,916	216,673	-1.5%
1-4	904,109	921,248	+1.9%
5-9	1,140,565	1,150,878	+0.9%
10-14	1,151,511	1,180,476	+2.5%
15-19	1,186,803	1,202,971	+1.4%
20-24	1,271,555	1,269,099	-0.2%
25-34	2,679,629	2,743,684	+2.4%
35-44	2,460,078	2,517,785	+2.3%
45-54	2,749,785	2,765,696	+0.6%
55-64	2,717,927	2,791,864	+2.7%
65-74	2,266,620	2,333,906	+3.0%
75-84	1,254,557	1,310,623	+4.5%
85+	552,678	552,802	+0.0%
Total	20,555,733	20,957,705	+2.0%



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County	2017 Population	2018 Population	Percent Change	
Alachua	259,349	263,753	+1.7%	■
Baker	27,066	27,488	+1.6%	■
Bay	178,953	182,218	+1.8%	■
Bradford	27,808	28,083	+1.0%	■
Brevard	576,970	584,050	+1.2%	■
Broward	1,884,545	1,903,210	+1.0%	■
Callhoun	14,658	15,315	+4.5%	■
Charlotte	173,954	175,413	+0.8%	■
Citrus	144,922	145,164	+0.2%	■
Clay	210,767	213,565	+1.3%	■
Collier	358,506	367,471	+2.5%	■
Columbia	69,250	69,566	+0.5%	■
DeSoto	35,454	35,940	+1.4%	■
Dixie	17,040	16,767	-1.6%	■
Duval	942,841	954,454	+1.2%	■
Escambia	312,811	317,051	+1.4%	■
Flagler	106,076	108,481	+2.3%	■
Franklin	12,006	12,360	+2.9%	■
Gadsden	48,690	48,173	-1.1%	■
Glchrist	16,977	17,578	+3.5%	■
Gades	13,263	13,193	-0.5%	■
Gulf	16,957	16,235	-4.3%	■
Hamilton	14,749	14,706	-0.3%	■
Hardee	27,675	27,436	-0.9%	■
Hendry	38,675	39,682	+2.6%	■
Hernando	183,065	185,421	+1.3%	■
Highlands	102,590	103,317	+0.7%	■
Hillsborough	1,388,111	1,419,285	+2.2%	■
Holmes	20,132	20,404	+1.4%	■
Indian River	149,930	152,079	+1.4%	■
Jackson	50,303	50,689	+0.8%	■
Jefferson	14,530	14,725	+1.3%	■
Lafayette	8,651	8,367	-3.3%	■
Lake	333,598	342,356	+2.6%	■
State total	20,555,733	20,957,705	+2.0%	■

County	2017 Population	2018 Population	Percent Change	
Lee	700,837	721,053	+2.9%	■
Leon	291,879	290,223	-0.6%	■
Levy	40,832	41,550	+1.8%	■
Liberty	8,839	8,781	-0.7%	■
Madison	19,295	19,420	+0.6%	■
Manatee	367,130	381,071	+3.8%	■
Marion	352,067	355,325	+0.9%	■
Martin	152,333	155,705	+2.2%	■
Miami-Dade	2,754,749	2,804,160	+1.8%	■
Monroe	77,300	76,534	-1.0%	■
Nassau	79,592	83,125	+4.4%	■
Okeechobee	41,469	41,492	+0.1%	■
Orange	1,317,704	1,370,447	+4.0%	■
Osceola	339,470	360,426	+6.2%	■
Palm Beach	1,411,054	1,442,281	+2.2%	■
Pasco	507,081	518,639	+2.3%	■
Pinellas	961,253	971,022	+1.0%	■
Polk	663,999	681,691	+2.7%	■
Putnam	73,068	73,422	+0.5%	■
Santa Rosa	171,851	175,552	+2.2%	■
Sarasota	407,501	415,896	+2.1%	■
Seminole	457,028	463,627	+1.4%	■
St. Johns	229,272	241,545	+5.4%	■
St. Lucie	299,962	304,743	+1.6%	■
Sumter	123,928	125,779	+1.5%	■
Suwannee	44,527	45,123	+1.3%	■
Taylor	22,220	22,258	+0.2%	■
Union	15,896	15,966	+0.4%	■
Volusia	525,121	532,926	+1.5%	■
Wakulla	32,134	32,350	+0.7%	■
Walton	65,724	67,926	+3.4%	■
Washington	24,935	25,243	+1.2%	■
State total	28,336,605	28,851,700	+1.8%	■

Appendices

Appendix VIII: References

The following references were used throughout this report.

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