

2021

Communicable Disease Report

January 2023

DOH 420-004

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Disease Control and Health Statistics
Office of Communicable Disease
Epidemiology



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This report represents Washington State communicable disease surveillance, the ongoing collection, analysis and dissemination of morbidity and mortality data to prevent and control communicable disease.

Department of Health staff from the following offices and programs contributed to this report:

- Office of Communicable Disease Epidemiology
- Office of Infectious Disease
- Washington State Public Health Laboratories

We'd also like to acknowledge and extend our thanks and appreciation to Washington's local health jurisdictions who contribute to surveillance, investigation, and prevention of communicable diseases in our state, and to the thousands in clinics, hospitals and clinical laboratories throughout Washington whose disease reports are the basis for this document.

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Executive Summary

This report summarizes notifiable communicable diseases reported to the Department of Health (DOH) in 2021. The most common reports continue to be sexually transmitted conditions, chronic hepatitis, diarrheal infections, and tuberculosis. Data completeness may have been impacted by the COVID-19 pandemic, which could have reduced reported cases due to interrupted access to healthcare, reduced exposures outside the household, and severe stress on public health agencies.

Technical Notes

Washington Administrative Code (WAC) Chapters 246-100 and 246-101 outline disease reporting requirements: health care providers and facilities, laboratories, veterinarians, food service establishments, childcare facilities and schools must report certain communicable diseases to the local health jurisdiction or DOH. Cases of communicable notifiable conditions are included in this annual report if they met the following criteria*:

1. Resident of Washington.
2. Qualifying event dates occurred in MMWR Year 2021 (January 3, 2021 – January 1, 2022).
3. Reported to DOH and entered prior to October 31, 2022.
4. First report of very rare conditions (zero to two cases per year) received by DOH after the previous year's deadline.
5. Given a valid DOH case classification by DOH (see: [guidelines for each condition.](#))

Typically, a fraction of the actual number of cases are reported to a surveillance system. Infected persons may: be unaware of being infected, be symptomatic but have not contacted a health care provider, not be confirmed with appropriate tests, or not be reported after the diagnostic testing. Data completeness may have been impacted by the COVID-19 pandemic.

Summary tables with incidence and mortality rates reflect years when data are reliable. Population estimates for rate calculations are from the [Washington State Office of Financial Management](#). Previously reported rates for 2000 through 2010 were updated using population estimates based on the 2010 decennial census. County rates are not provided for conditions with fewer than five reported cases.

This report is available online on [DOH's website](#). Additional information on communicable disease surveillance and case investigation in Washington is available on DOH's website under [List of Notifiable Conditions](#).

**The inclusion criteria for HIV, hepatitis B, hepatitis C, and sexually transmitted diseases cases in this report can be found in the footnotes underneath each individual data table.*

Reporting a Notifiable Condition

In accordance with Washington State rule, [chapter 246-101 WAC](#), public health and health care professionals should report most notifiable conditions to the local health jurisdiction in the county of the patient's residence. Disease reporting telephone numbers for each [local health jurisdiction](#) are provided on DOH's website. If no one is available at the local health jurisdiction and a condition is immediately notifiable or is notifiable to DOH, please call the 24-hour reporting line: 877-539-4344 or 206-418-5500. For a complete list of notifiable conditions for health care providers, facilities, laboratories, and the Department of Agriculture, please refer to [WAC 246-101](#) and the posters (which represent reporting requirements for this annual report). Updated posters will be available at <https://doh.wa.gov/public-health-healthcare-providers/notifiable-conditions/how-report-posters>.

Please note that changes in chapter 246-101 WAC took effect January 1, 2023.



**Notifiable
Conditions
Reporting**

LOCAL HEALTH JURISDICTIONS

Notifiable to the Washington State Department of Health

IMMEDIATELY NOTIFIABLE: (suspect or confirmed cases)

CDE Notifiable to the Office of Communicable Disease Epidemiology: 1-877-539-4344

Anthrax Botulism (foodborne, wound, infant) Cholera Diphtheria Disease of suspected bioterrorism origin Emerging condition with outbreak potential Influenza, novel strain Measles (rubeola) Paralytic shellfish poisoning Plague	Poliomyelitis Rabies, human SARS Smallpox Tularemia Viral hemorrhagic fever Yellow fever Outbreak, or suspected outbreak, of illness due to infectious agent or toxin
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7 Notifiable within 7 days of case investigation completion or summary information required within 21 days of initial notification for the following:

CDE Notifiable to the Office of Communicable Disease Epidemiology: 1-877-539-4344		ID Notifiable to Infectious Disease Assessment: 360-236-3464
Arboviral disease (Zika, West Nile virus disease, dengue, eastern and western equine encephalitis, etc.) Brucellosis ⚠️ Burkholderia mallei or pseudomallei ⚠️ Campylobacteriosis Cryptosporidiosis Cyclosporiasis Enterohemorrhagic <i>E. coli</i> (see Shiga toxin-producing <i>E. coli</i>) Giardiasis <i>Haemophilus influenzae</i> invasive disease Hantavirus pulmonary syndrome Hepatitis A, acute Hepatitis B, acute Hepatitis B, chronic Hepatitis D, acute Hepatitis D, chronic Hepatitis E, acute Influenza-associated death (lab-confirmed) Legionellosis Leptospirosis Listeriosis Lyme disease Malaria Meningococcal disease Monkeypox Mumps Pertussis Prion disease, including Creutzfeldt-Jakob disease (CJD) Psittacosis ⚠️	Q Fever ⚠️ Rabies, suspected human exposure Relapsing fever Rubella Salmonellosis Shiga toxin-producing <i>E. coli</i> infections (enterohemorrhagic <i>E. coli</i> including but not limited to <i>E. coli</i> O157:H7) Shigellosis Tetanus Trichinosis Typhoid fever Vaccinia transmission Vancomycin-resistant <i>Staphylococcus aureus</i> (does not include vancomycin-intermediate) Varicella-associated death Vibriosis Yersiniosis Other rare diseases of public health significance, including but not limited to: Amoebic meningitis Anaplasmosis Babesiosis Carbapenemase-producing carbapenem-resistant Enterobacteriaceae (CP-CRE) Chagas disease Coccidioidomycosis <i>Cryptococcus gattii</i> Ehrlichiosis Histoplasmosis Shellfish poisoning (diarrhetic) Tickborne rickettsioses (including Rocky Mountain spotted fever) Tick paralysis Typhus Unexplained critical illness or death	Acquired immunodeficiency syndrome (AIDS) (including AIDS in persons previously reported with HIV infection) Chancroid <i>Chlamydia trachomatis</i> Gonorrhea Granuloma inguinale Hepatitis C, acute Hepatitis C, chronic Herpes simplex HIV infection Lymphogranuloma venereum Syphilis TB Notifiable to TB Reporting Fax Line: 206-364-1060 Tuberculosis CP Notifiable to Immunization Program CHILD Profile Fax: 360-236-3590 Hepatitis B, surface antigen-positive pregnant women Immunization reactions (severe, adverse)
⚠️ If bioterrorism is suspected, case must be immediately reported.		

The conditions listed above are notifiable to the Washington State Department of Health in accordance with [WAC 246-101](#).

• The 2011 revision of [WAC 246-101-010](#) states “‘Other rare diseases of public health significance’ means a disease or condition, of general or international public health concern, which is occasionally or not ordinarily seen in the state of Washington including, but not limited to, spotted fever rickettsiosis, babesiosis, tick paralysis, anaplasmosis, and other tick borne diseases. This also includes public health events of international concern and communicable diseases that would be of general public concern if detected in Washington.”



Notifiable Conditions

HEALTH CARE PROVIDERS

Notifiable to the local health jurisdiction (LHJ) of the patient's residence

Phone numbers by LHJ are listed on the other side of this poster. If unable to reach the LHJ of the patient's residence, please call: **1-877-539-4344**

1 **IMMEDIATELY NOTIFIABLE:** Requires a phone call to reach a live person at the local health jurisdiction, 24/7. *Must be reported as soon as clinically suspected.*

- Animal bites, when human exposure to rabies is suspected
- Anthrax
- Botulism (foodborne, wound and infant)
- Burkholderia mallei* (glanders) and *pseudomallei* (melioidosis)
- Cholera
- Diphtheria
- Disease of suspected bioterrorism origin
- Domoic acid poisoning (amnesic shellfish poisoning)
- E. coli* – refer to “Shiga toxin-producing *E. coli* infections”
- Emerging condition with outbreak potential
- Haemophilus influenzae* (invasive disease, children <5 years)
- Influenza, novel or unsubtypeable strain
- Measles (rubeola), acute
- Meningococcal disease (invasive)
- Monkeypox
- Outbreaks of suspected foodborne origin
- Outbreaks of suspected waterborne origin
- Paralytic shellfish poisoning
- Pesticide poisoning—hospitalized, fatal, or cluster:
1-800-222-1222
- Plague
- Poliomyelitis
- Rabies, confirmed human or animal
- Rabies, suspected human exposure
- Rubella (include congenital rubella syndrome), acute
- SARS (Severe Acute Respiratory Syndrome)
- Shiga toxin-producing *E. coli* infections (STEC, including but not limited to *E. coli* O157:H7; also includes post-diarrheal hemolytic uremic syndrome)
- Smallpox
- Tuberculosis
- Tularemia
- Vaccinia transmission
- Viral hemorrhagic fever
- Yellow fever

2 **Notifiable on a monthly basis**

- Asthma, occupational (suspected or confirmed): **1-888-66-SHARP**
- Birth defects: **360-236-3533**
(autism spectrum disorders, cerebral palsy, alcohol-related birth defects)
- Hepatitis B, chronic (initial diagnosis/previously unreported cases)
- Hepatitis C, chronic

The conditions listed above are notifiable to public health authorities in accordance with [WAC 246-101](#).

- Report to the local health jurisdiction of the patient's residence within the timeframe indicated (except for conditions followed by a reporting phone number).
- ‘Other rare diseases of public health significance’ means a disease or condition, of general or international public health concern, which is occasionally or not ordinarily seen in the state of Washington including, but not limited to, spotted fever rickettsiosis, babesiosis, tick paralysis, anaplasmosis, and other tick borne diseases. This also includes public health events of international concern and communicable diseases that would be of general public concern if detected in Washington.

2 **Notifiable within 24 hours:** Requires a phone call if reporting after normal public health business hours

- Brucellosis
- Hantavirus pulmonary syndrome
- Hepatitis A, acute
- Hepatitis B, acute
- Hepatitis E, acute
- Legionellosis
- Leptospirosis
- Listeriosis
- Mumps, acute
- Pertussis
- Psittacosis
- Q fever
- Relapsing fever (borreliosis)
- Salmonellosis
- Shigellosis
- Vancomycin-resistant *Staphylococcus aureus* (not to include Vancomycin-intermediate)
- Vibriosis
- Yersiniosis
- Other rare diseases of public health significance, including but not limited to:**
 - Amoebic meningitis
 - Anaplasmosis
 - Babesiosis
 - Carbapenemase-producing carbapenem-resistant Enterobacteriaceae (CP-CRE)
 - Chagas disease
 - Coccidioidomycosis
 - Cryptococcus gattii*
 - Ehrlichiosis
 - Histoplasmosis
 - Shellfish poisoning (diarrhetic)
 - Tickborne rickettsioses (including Rocky Mountain spotted fever)
 - Tick paralysis
 - Typhus
- Unexplained critical illness and death

3 **Notifiable within 3 business days**

- Acquired immunodeficiency syndrome (AIDS), including in persons previously reported with HIV infection
- Arboviral disease (acute disease only, including: West Nile virus, dengue, eastern & western equine encephalitis, Zika, etc.)
- Campylobacteriosis
- Chancroid
- Chlamydia trachomatis* infection
- Cryptosporidiosis
- Cyclosporiasis
- Giardiasis
- Gonorrhea
- Granuloma inguinale
- Hepatitis B, surface antigen positive pregnant women
- Hepatitis C, acute
- Hepatitis D, acute and chronic
- Herpes simplex, neonatal and genital (initial infection only)
- HIV infection
- Immunization reactions (severe, adverse)
- Influenza-associated death, laboratory-confirmed
- Lyme disease
- Lymphogranuloma venereum
- Malaria
- Pesticide poisoning-non-hospitalized, non-fatal, non-cluster: **1-800-222-1222**
- Prion disease, including Creutzfeldt-Jakob disease (CJD)
- Syphilis (including congenital)
- Tetanus
- Trichinosis
- Varicella-associated death



**Notifiable
Conditions**

HEALTH CARE FACILITIES

Notifiable to the local health jurisdiction (LHJ) of the patient's residence

Phone numbers by LHJ are listed on the other side of this poster. If unable to reach the LHJ of the patient's residence, please call: **1-877-539-4344**

IMMEDIATELY NOTIFIABLE: Requires a phone call to reach a live person at the local health jurisdiction, 24/7

Must be reported as soon as clinically suspected

- Animal bites, when human exposure to rabies is suspected
- Anthrax
- Botulism (foodborne, infant, and wound)
- Burkholderia mallei* (glanders) and *pseudomallei* (melioidosis)
- Cholera
- Diphtheria
- Disease of suspected bioterrorism origin
- Domoic acid poisoning (amnesic shellfish poisoning)
- E. coli* – refer to “Shiga toxin-producing *E. coli* infections”
- Emerging condition with outbreak potential
- Haemophilus influenzae* (invasive disease, children < 5 years)
- Influenza, novel or unsubtypeable strain
- Measles (rubeola), acute
- Meningococcal disease (invasive)
- Monkeypox
- Outbreaks of disease that occur or are treated in the health care facility
- Outbreaks of suspected foodborne origin
- Outbreaks of suspected waterborne origin
- Paralytic shellfish poisoning
- Pesticide poisoning (hospitalized, fatal, or cluster): 1-800-222-1222
- Plague
- Poliomyelitis
- Rabies, confirmed human or animal
- Rabies, suspected human exposure
- Rubella (include congenital rubella syndrome), acute
- SARS (Severe Acute Respiratory Syndrome)
- Shiga toxin-producing *E. coli* infections (STEC, including but not limited to *E. coli* O157:H7; also includes post-diarrheal hemolytic uremic syndrome)
- Smallpox
- Tuberculosis
- Tularemia
- Vaccinia transmission
- Viral hemorrhagic fever
- Yellow fever

Notifiable on a monthly basis

- Asthma, occupational (suspected or confirmed): 1-888-66SHARP
- Birth defects: 360-236-3533 (abdominal wall defects, autism spectrum disorders, cerebral palsy, Down syndrome, alcohol-related birth defects, hypospadias, limb reductions, neural tube defects, oral clefts)
- Cancer, see WAC 246-430
- Gunshot wounds: [Reporting form](#)
- Hepatitis B, chronic (initial diagnosis/previously unreported cases)
- Hepatitis C, chronic

The conditions listed above are notifiable to public health authorities in accordance with [WAC 246-101](#). When a condition occurs in or is treated by the health care facility:

- Report to the local health jurisdiction of the patient's residence within the timeframe indicated (except for conditions followed by a reporting phone number).
- ‘Other rare diseases of public health significance’ means a disease or condition, of general or international public health concern, which is occasionally or not ordinarily seen in the state of Washington including, but not limited to, spotted fever rickettsiosis, babesiosis, tick paralysis, anaplasmosis, and other tick borne diseases. This also includes public health events of international concern and communicable diseases that would be of general public concern if detected in Washington.

Notifiable within 24 hours: Requires a phone call if reporting after normal public health business hours

- Brucellosis
- Hantavirus pulmonary syndrome
- Hepatitis A, acute
- Hepatitis B, acute
- Hepatitis E, acute
- Legionellosis
- Leptospirosis
- Listeriosis
- Mumps, acute
- Pertussis
- Psittacosis
- Q fever
- Relapsing fever (borreliosis)
- Salmonellosis
- Shigellosis
- Vancomycin-resistant *Staphylococcus aureus* (not to include Vancomycin-intermediate)
- Vibriosis
- Yersiniosis
- Other rare diseases of public health significance, including but not limited to:**
 - Amoebic meningitis
 - Anaplasmosis
 - Babesiosis
 - Carbapenemase-producing carbapenem-resistant Enterobacteriaceae (CP-CRE)
 - Chagas disease
 - Coccidioidomycosis
 - Cryptococcus gattii*
 - Ehrlichiosis
 - Histoplasmosis
 - Shellfish poisoning (diarrhetic)
 - Tickborne rickettsioses (including Rocky Mountain spotted fever)
 - Tick paralysis
 - Typhus
- Unexplained critical illness or death

Notifiable within 3 business days

- Acquired immunodeficiency syndrome (AIDS), including in persons previously reported with HIV infection
- Arboviral disease (acute disease only, including: West Nile virus, dengue, eastern & western equine encephalitis, Zika, etc.)
- Campylobacteriosis
- Chancroid
- Chlamydia trachomatis*
- Cryptosporidiosis
- Cyclosporiasis
- Giardiasis
- Gonorrhea
- Granuloma inguinale
- Hepatitis B, surface antigen positive pregnant women
- Hepatitis C, acute
- Hepatitis D, acute and chronic
- HIV infection
- Immunization reactions (severe, adverse)
- Influenza-associated death, laboratory-confirmed
- Lyme disease
- Lymphogranuloma venereum
- Malaria
- Pesticide poisoning- non-hospitalized, non-fatal, non-cluster:1-800-222-1222
- Prion disease, including Creutzfeldt-Jakob disease (CJD)
- Serious adverse reactions to immunizations
- Syphilis, including congenital
- Tetanus
- Trichinosis
- Varicella-associated death

Hospital laboratories, refer to the [Laboratories Notifiable Conditions Poster](#).

Notifiable to the local health jurisdiction (LHJ) of the patient's residence

Phone numbers by LHJ are listed on the other side of this poster. If unable to reach the LHJ of the patient's residence, please call: **1-877-539-4344**

(If patient residence is unknown, notify the LHJ of the health care provider that ordered the diagnostic test)

BACTERIA

- Bacillus anthracis* (anthrax)
- Bordetella pertussis* (pertussis)
- Borrelia burgdorferi* (Lyme disease)
- Borrelia hermsii* or *B. recurrentis* (Relapsing fever, tick- or louseborne)
- Brucella* species (brucellosis)
- Burkholderia mallei* and *B. pseudomallei*
- Campylobacter* species (campylobacteriosis)
- Chlamydia (chlamydophila) psittaci* (psittacosis)
- Chlamydia trachomatis*
- Clostridium botulinum* (botulism)
- Corynebacterium diphtheriae* (diphtheria)
- Coxiella burnetii* (Q fever)
- E. coli* (refer to "Shiga toxin-producing *E. coli*")
- Francisella tularensis* (tularemia)
- Haemophilus influenzae* (children < 5 years)
- Legionella* species (legionellosis)
- Leptospira* species (leptospirosis)
- Listeria monocytogenes* (listeriosis)
- Neisseria gonorrhoeae* (gonorrhea)
- Neisseria meningitidis* (meningococcal disease)
- Salmonella* species (salmonellosis, typhoid fever)
- Shiga toxin-producing *E. coli* (STEC, including but not limited to *E. coli* O157:H7)
- Shigella* species (shigellosis)
- Treponema pallidum* (syphilis)
- Vancomycin-resistant *Staphylococcus aureus*
- Vibrio cholerae* O1 or O139 (cholera)
- Vibrio* species (vibriosis)
- Yersinia enterocolitica* or *Y. pseudotuberculosis*
- Yersinia pestis* (plague)

FUNGI

- Cryptococcus*, non-*neoformans*

PARASITES

- Cryptosporidium* (cryptosporidiosis)
- Cyclospora cayetanensis* (cyclosporiasis)
- Giardia lamblia* (giardiasis)
- Plasmodium* species (malaria)
- Trichinella* species (trichinellosis)

Icons for reporting timeframes and recipients are explained in the legend.

*The 2011 revision of [WAC 246-101-010](#) states "Other rare diseases of public health significance' means a disease or condition, of general or international public health concern, which is occasionally or not ordinarily seen in the state of Washington including, but not limited to, spotted fever rickettsiosis, babesiosis, tick paralysis, anaplasmosis, and other tick borne diseases. This also includes public health events of international concern and communicable diseases that would be of public concern if detected in Washington."

The laboratory results listed above (preliminary or confirmed) are notifiable to public health authorities in Washington in accordance with [WAC 246-101](#).

Information provided with public health notifications and specimen submissions must include: specimen type; name and telephone number of laboratory; date specimen collected and received; requesting health care provider's name and phone number; test result; and name of patient. Also required when available in the lab database are: patient sex, date of birth or age, full patient address (zip code at a minimum), and health care provider address.

Per [WAC 246-101-201\(3\)](#), LHJs may request laboratory reporting of additional test results pertinent to an investigation of a notifiable condition.

VIRUSES

- Arboviruses, acute, by viral isolation or IgM or PCR positivity (West Nile virus, eastern and western equine encephalitis, dengue, St. Louis encephalitis, La Crosse encephalitis, Japanese encephalitis, Powassan, chikungunya, Zika*)
*both positive and negative results are requested for Zika
- Coronavirus (SARS-associated)
- Hantavirus
- Hepatitis A virus, acute, by IgM positivity (include hepatocellular enzyme levels in report)
- Hepatitis B virus, acute, by IgM positivity
- Hepatitis B virus: HBsAg, HBeAg, and HBV DNA
- Hepatitis C virus
- Hepatitis D virus
- Hepatitis E virus
- Influenza virus, novel or unsubtypeable strain
- Measles virus (rubeola), acute, by IgM or PCR positivity
- Mumps virus, acute, by IgM or PCR positivity
- Poliovirus, acute, by IgM or PCR positivity
- Rabies virus (human or animal)
- Variola virus (smallpox)
- Viral hemorrhagic fever
Arenaviruses, bunyaviruses, filoviruses, flaviviruses
- Yellow fever virus

Reportable as rare diseases of public health significance*

- Coccidioides*
- Carbapenem-resistant Enterobacteriaceae (CRE), resistant to ≥1 carbapenem, using M100-S25 CLSI breakpoints
- Carbapenemase-producing CRE

Notifiable to the Department of Health (DOH)

- Blood lead level (elevated)
- Blood lead level (non-elevated)
- CD4 + (T4) lymphocyte counts and/or CD4 + (T4) (patients aged 13 and older)
- Human immunodeficiency virus (HIV) infection (for example, positive Western Blot, p24 antigen, or viral culture tests)
- Human immunodeficiency virus (HIV) infection (all viral load detection test results—detectable and undetectable)
- Mycobacterium tuberculosis* (tuberculosis)

LEGEND

- Immediately notifiable—requires a phone call to reach a live person at the LHJ, 24/7
- Notifiable within 24 hours: Requires phone call if reporting after normal business hours
- Notifiable within 2 business days
- Notifiable on a monthly basis
- Specimen/culture submission to the Public Health Laboratories required (upon request for all others)
- Notifiable to the DOH Lead Program
Contact phone: 360-236-4280
- Notifiable to the DOH Office of Infectious Disease
Contact phone: 360-236-3464
- Notifiable to the DOH Tuberculosis Program
Fax: 206-364-1060
- Antibiotic sensitivity testing (first isolates only)

Notifiable Conditions & the Veterinarian



Veterinarians, including those working in private practices, laboratories, academic settings, zoos, wildlife centers, animal shelters and government agencies, have an important public health role in the identification and control of zoonotic and vector-borne diseases.

The Washington State Administrative Code ([WAC 246-101-405](#)) outlines these responsibilities for veterinarians:

- A. Notify the local health officer of the jurisdiction in which the human resides of any suspected human case or suspected human outbreak based on the human's exposure to a confirmed animal case of any disease listed in Table
- B. Cooperate with public health authorities in the investigation of cases, suspected cases, outbreaks, and suspected outbreaks of zoonotic disease.
- C. Cooperate with public health authorities in the implementation of infection control measures including isolation and quarantine.
- D. Comply with requirements in chapter [16-70 WAC](#) for submitting positive specimens and isolates for specific diseases, and provide information requested by the Washington State Department of Health or local health jurisdiction.

Notifiable Condition (report suspected human cases)	Report Immediately	Report within 24 hours
Anthrax	X	
Arboviral disease		X
Brucellosis (<i>Brucella</i> species)		X
<i>Burkholderia mallei</i> (Glanders)	X	
Disease of suspected bioterrorism origin (including but not limited to anthrax)	X	
<i>E. coli</i> – Refer to "Shiga toxin-producing <i>E. coli</i> "	X	
Emerging condition with outbreak potential	X	
Influenza virus, novel or unsubtypeable strain	X	
Leptospirosis		X
Plague	X	
Psittacosis		X
Q Fever		X
Rabies (suspected human case or exposure or animal case)	X	
Shiga toxin-producing <i>E. coli</i> infections (enterohemorrhagic <i>E. coli</i> including, but not limited to, <i>E. coli</i> O157:H7)	X	
Tularemia	X	

IMPORTANT NOTE: Selected animal diseases, especially in livestock and poultry, must be reported to the Washington State Department of Agriculture, State Veterinarian's Office. These include eradicated diseases (e.g., tuberculosis, brucellosis), suspected foreign animal diseases (e.g., foot and mouth disease, exotic Newcastle disease, hog cholera) and certain domestic diseases (e.g., anthrax, rabies). See: <http://app.leg.wa.gov/WAC/default.aspx?cite=16-70>.

*A list of local health departments can be found at <http://www.doh.wa.gov/AboutUs/PublicHealthSystem/LocalHealthJurisdictions.aspx>.

Effective Date February 5, 2011

DOH 420-008 (rev. 2/11)

Disease Incidence and Mortality Rates

Arboviral Disease Types

Year	Total Cases	Chikungunya	Colorado Tick Fever	Dengue	Japanese Encephalitis	St. Louis Encephalitis	West Nile Virus	Yellow Fever	Zika Virus	Other/Unknown flavivirus
2002	1	0	0	0	0	0	0	1 ^V	0	0
2003	8	0	0	0	0	0	8 ^T	0	0	0
2004	3	0	0	1 ^T	1 ^T	0	1 ^T	0	0	0
2005	6	0	0	3 ^T	0	0	3 ^T	0	0	0
2006	13	1 ^T	0	4 ^T	0	0	8 (5 ^T , 3 ^E)	0	0	0
2007	16	0	0	10 ^T	0	0	5 ^T	0	0	1 ^T
2008	19	0	1 ^T	14 ^T	1 ^T	0	3 ^E	0	0	0
2009	52	0	0	11 ^T	0	1 ^T	38 (36 ^E , 2 ^U)	0	0	2 (1 ^T , 1 ^E)
2010	24	3 ^T	0	19 ^T	0	0	2 (1 ^E , 1 ^T)	0	0	0
2011	9	0	0	9 ^T	0	0	0	0	0	0
2012	20	0	0	16 ^T	0	0	4 (2 ^E , 2 ^T)	0	0	0
2013	15	0	0	14 ^T	0	0	1 ^T	0	0	0
2014*	36	15 ^T	0	9 ^T	0	0	12 (10 ^E , 2 ^T)	0	0	0
2015	84	40 ^T	0	19 ^T	0	0	24 (22 ^E , 2 ^T)	0	0	1 ^T
2016	113	10 ^T	0	23 ^T	0	0	9 ^E	0	68 ^T	3 ^T
2017	55	3 ^T	0	19 ^T	0	0	13 (8 ^E , 5 ^T)	0	16 ^T	4 ^T
2018	14	2 ^T	0	9 ^T	0	0	3 (1 ^E , 2 ^T)	0	0	0
2019	28	4 ^T	0	19 ^T	0	0	5 (4 ^E , 1 ^U)	0	0	0
2020	11	2 ^T	0	7 ^T	0	0	2 ^E	0	0	0
2021	9	2 ^T	1 ^T	2 ^T	0	0	3 ^E , 1 ^T	0	0	0

^V Vaccine-associated

^T Travel-associated

^E Endemically acquired

^U Unknown exposure location

*2014 data updated since the 2014 annual report

Botulism

Year	Food	Infant	Wound	Combined Rate*	Deaths
1986	2	4	0	0.1	0
1987	1	1	1	0.1	0
1988	3	4	0	0.2	0
1989	10	0	0	0.2	0
1990	1	0	0	0	0
1991	0	3	0	0.1	0
1992	0	2	0	0	0
1993	4	5	0	0.2	0
1994	3	2	0	0.1	0
1995	4	2	0	0.1	0
1996	2	0	2	0.1	0
1997	0	1	2	0.1	0
1998	2	4	0	0.1	0
1999	2	4	1	0.1	0
2000	1	4	0	0.1	0
2001	1	6	0	0.1	0
2002	1	1	4	0.1	0
2003	1	3	7	0.2	0
2004	1	3	5	0.1	0
2005	0	2	4	0.1	0
2006	0	9	1	0.2	0
2007	1	1	2	0.1	1
2008	0	1	2	0	0
2009	4	2	4	0.1	1
2010	0	3	1	0.1	0
2011	0	3	4	0.1	0
2012	1	4	2	0.1	1
2013	2	4	4	0.1	0
2014	0	3	0	0	0
2015	0	6	2	0.1	0
2016	2	1	1	0.1	2
2017	0	6	4	0.1	0
2018	1	7	0	0.1	0
2019	0	4	1	0.1	0
2020	0	5	0	0.1	0
2021	0	3	1	0.1	0

*All rates are cases per 100,000 population.

Brucellosis

Year	Cases	Rate*	Deaths
1987	1	0	0
1988	1	0	0
1989	1	0	0
1990	0	0	0
1991	3	0.1	0
1992	1	0	0
1993	0	0	0
1994	0	0	0
1995	0	0	0
1996	2	0	0
1997	3	0.1	0
1998	3	0.1	0
1999	0	0	0
2000	0	0	0
2001	0	0	0
2002	2	0	0
2003	1	0	0
2004	2	0	0
2005	0	0	0
2006	0	0	0
2007	1	0	0
2008	1	0	0
2009	1	0	0
2010	0	0	0
2011	1	0	0
2012	0	0	0
2013	1	0	0
2014	4	0.1	0
2015	4	0.1	0
2016	0	0	0
2017	1	0	0
2018	1	0	0
2019	3	0	0
2020	2	0	0
2021	1	0	1

* All rates are cases per 100,000 population.

Campylobacteriosis

County	2017 Cases	2017 Rate*	2018 Cases	2018 Rate*	2019 Cases	2019 Rate*	2020 Cases	2020 Rate*	2021 Cases	2021 Rate*
Adams	1	+	3	+	9	44.7	6	29.3	5	24.4
Asotin	4	+	4	+	1	+	0	0	1	+
Benton	32	16.5	44	22.3	39	19.3	18	8.8	26	12.6
Chelan	12	15.6	13	16.7	27	34.4	30	37.7	20	25.1
Clallam	3	+	14	18.6	17	22.4	17	22.1	26	33.9
Clark	107	22.7	93	19.4	112	22.9	93	18.6	126	25.2
Columbia	2	+	1	+	0	0	0	0	1	+
Cowlitz	22	20.8	23	21.4	21	19.3	21	19	33	29.9
Douglas	5	12.1	7	16.6	10	23.4	7	16	13	29.7
Ferry	2	+	2	+	0	0	0	0	0	0
Franklin	3	+	17	18.4	13	13.7	11	11.4	10	10.3
Garfield	0	0	0	0	1	+	0	0	0	0
Grant	24	25.1	32	32.9	26	26.3	14	14	14	14
Grays Harbor	19	26	14	19	21	28.3	30	40.1	19	25.4
Island	31	37.4	32	38.2	26	30.7	25	29.2	24	28.1
Jefferson	11	35.1	12	38	14	43.9	12	37.3	23	71.5
King	699	32.5	673	30.7	617	27.7	485	21.5	594	26.3
Kitsap	89	33.7	82	30.7	78	28.9	74	27.2	104	38.2
Kittitas	8	17.9	6	13.2	11	23.6	13	27	18	37.4
Klickitat	6	27.7	4	+	9	40.1	11	48.3	14	61.5
Lewis	24	31	19	24.2	24	30.2	32	39.9	26	32.4
Lincoln	2	+	0	0	1	+	2	+	1	+
Mason	33	52.2	37	57.8	34	52.3	9	13.7	12	18.3
Okanogan	9	21.4	9	21.2	11	25.7	5	11.6	9	20.9
Pacific	1	+	1	+	6	27.7	5	22.9	4	+
Pend Oreille	4	+	0	0	3	+	5	36.1	1	+
Pierce	272	31.6	248	28.4	206	23.2	256	28.4	209	23.2
San Juan	10	60.6	1	+	4	+	6	34.6	5	28.8
Skagit	47	37.9	53	41.9	49	37.9	47	36	25	19.2
Skamania	0	0	1	+	2	+	2	+	4	+
Snohomish	279	35.3	242	30.1	214	26.1	140	16.9	184	22.2
Spokane	105	21	92	18.1	96	18.6	63	12.1	86	16.5
Stevens	12	27	17	37.8	21	46.1	14	30.5	11	24
Thurston	86	31.1	66	23.4	47	16.4	54	18.6	70	24.1
Wahkiakum	0	0	0	0	2	+	1	+	1	+
Walla Walla	32	52.1	43	69.6	34	54.7	13	20.8	22	35.2
Whatcom	93	43.5	61	27.7	60	26.6	37	16.2	62	27.2
Whitman	3	+	10	20.3	0	0	1	+	9	17.8
Yakima	122	48.2	101	39.7	113	44.1	50	19.4	71	27.5
State Totals	2,214	30.3	2,077	28	1,979	26.2	1,609	21.0	1883	24.6

Statewide by Year

Year	Cases	Rate*	Deaths
1982	299	7.0	0
1983	149	3.5	0
1984	146	3.4	1
1985	250	5.7	0
1986	347	7.8	0
1987	420	9.3	1
1988	709	15.4	1
1989	899	19.0	0
1990	899	18.5	0
1991	930	18.5	4
1992	1,060	20.6	1
1993	1,051	20.0	0
1994	1,050	19.6	0
1995	1,050	19.2	4
1996	1,139	20.5	1
1997	1,150	20.3	0
1998	901	15.7	1
1999	950	16.3	2
2000	1,006	17.1	2
2001	991	16.6	0
2002	1,032	17.0	1
2003	943	15.4	0
2004	861	13.9	0
2005	1,045	16.6	0
2006	993	15.5	0
2007	1,020	15.6	0
2008	1,069	16.2	0
2009	1,030	15.4	1
2010	1,315	19.6	2
2011	1,538	22.7	0
2012	1,551	22.7	3
2013	1,631	23.7	6
2014	1,591	22.8	0
2015	1,847	26.2	2
2016	1,911	26.6	1
2017	2,214	30.3	1
2018	2,077	28.0	4
2019	1,979	26.2	1
2020	1,609	21.0	1
2021	1,883	24.6	1

*All incidence rates are cases per 100,000 population.

+County incidence rates not calculated for <5 cases.

Chlamydia

Statewide by Year

County	2017 Cases	2017 Rate*	2018 Cases	2018 Rate*	2019 Cases	2019 Rate*	2020 Cases	2020 Rate*	2021 Cases	2021 Rate*
Adams	93	468.0	90	449.6	116	575.7	80	391.2	127	607.7
Asotin	77	345.5	60	267.6	65	288.6	69	304.8	61	271.1
Benton	906	468.2	906	458.9	1,019	505.0	976	474.5	981	468.5
Chelan	270	351.4	285	366.3	279	355.8	265	332.7	282	352.5
Clallam	199	268.1	190	252.9	185	243.4	134	174.5	154	198.1
Clark	1,855	393.8	1,971	411.1	2,086	427.0	1,859	372.4	1,925	372.4
Columbia	9	+	4	+	8	+	3	+	8	+
Cowlitz	478	451.4	501	466.9	558	512.2	466	421.7	411	368.6
Douglas	154	371.8	181	429.7	157	366.7	156	356.6	178	408.7
Ferry	22	284.2	12	+	13	+	10	+	11	+
Franklin	517	572.4	537	580.3	694	733.0	626	647.0	651	661.9
Garfield	1	+	1	+	0	+	0	+	3	+
Grant	345	360.8	382	392.4	466	471.9	394	393.5	511	506.9
Grays Harbor	221	302.9	289	392.6	296	399.1	248	331.9	213	280.1
Island	246	297.1	194	231.3	232	273.5	199	232.7	184	211.3
Jefferson	52	165.8	46	145.6	63	197.5	47	146.0	42	126.9
King	9,760	453.2	10,476	478.3	11,547	518.7	8,290	366.7	7,499	327.9
Kitsap	1,104	417.7	1,184	443.2	1,240	459.1	1,086	399.0	1,062	382.4
Kittitas	240	536.6	231	506.6	278	597.0	205	425.8	184	406.9
Klickitat	64	295.5	53	241.1	69	307.6	57	250.3	63	273.9
Lewis	284	366.7	279	356.0	305	383.7	331	412.5	273	330.1
Lincoln	15	+	12	+	26	237.2	24	217.2	15	+
Mason	221	349.7	238	371.8	247	380.1	214	326.0	196	298.1
Okanogan	103	244.6	122	287.1	142	332.3	122	282.9	107	252.7
Pacific	45	211.8	32	149.4	42	194.1	44	201.5	32	136.6
Pend Oreille	40	299.2	30	221.6	26	189.2	23	166.1	22	163.3
Pierce	5,434	632.3	5,947	681.8	6,300	709.2	5,567	618.1	5,383	579.9
San Juan	12	+	19	113.0	18	105.0	12	+	11	+
Skagit	481	387.6	470	371.5	495	383.1	433	331.9	384	295.4
Skamania	21	179.6	21	176.6	29	240.5	12	+	17	144.7
Snohomish	2,619	331.8	2,699	335.2	2,932	358.1	2,604	313.5	2,382	284.3
Spokane	2,337	467.6	2,644	520.5	2,655	515.3	2,469	472.4	2,562	472.6
Stevens	95	213.4	107	237.6	97	212.9	83	180.7	91	194.8
Thurston	1,139	411.3	1,200	426.0	1,202	420.6	1,227	421.6	920	308.9
Wahkiakum	3	+	3	+	8	+	6	+	3	+
Walla Walla	193	314.3	218	352.8	314	504.8	219	350.0	275	442.8
Whatcom	708	327.3	838	380.3	882	391.5	725	318.0	752	332.3
Whitman	446	916.9	495	1005.9	436	869.7	319	631.9	401	899.1
Yakima	1,643	649.4	1,787	702.2	2,114	825.9	1,819	704.5	1,976	765.6
State Totals[‡]	32,454	444.0	34,754	467.9	37,641	498.8	31,423	410.4	30,352	390.8

Year	Cases	Rate*	Deaths
1990	12,709	261.1	0
1991	12,917	257.2	0
1992	11,762	228.8	0
1993	10,331	196.2	0
1994	10,575	197.1	0
1995	9,463	173.0	0
1996	9,237	165.9	0
1997	9,523	168.1	0
1998	10,998	191.3	0
1999	11,964	205.2	0
2000	13,066	221.7	0
2001	13,631	228.3	0
2002	14,936	246.5	0
2003	16,796	274.1	0
2004	17,635	284.0	0
2005	18,617	295.6	0
2006	17,819	277.5	0
2007	19,123	293.1	0
2008	21,327	322.7	0
2009	21,178	317.4	0
2010	21,401	318.3	0
2011	23,237	343.3	0
2012	24,600	360.8	0
2013	25,013	363.4	0
2014	26,246	376.7	0
2015	28,721	410.0	0
2016	31,193	434.2	0
2017	32,454	444.0	0
2018	34,754	467.9	0
2019	37,641	498.8	0
2020	31,423	410.4	0
2021	30,352	390.8	0

Note: Data prior to 2009 are based on year reported rather than year diagnosed.

*All incidence rates are cases per 100,000 population. Rate calculations for 2021 are preliminary and calculated using 2020 population data, pending release of more detailed 2021 population data by the Census Bureau.

+County incidence rates based on counts ≤16 are suppressed due to statistical instability.

‡State Totals for 2019-2021 also include supplementary ELR records for which county was unspecified.

Data source: PHIMS-STD 3/31/2022, WELRS (for 2019-2021 data only).

Note: Cases are included in this table if they are residing in Washington based on reported address at the time of diagnosis, are a reportable case in the relevant calendar year (January 1, XXXX - December 31, XXXX), and are given a valid DOH case classification of Probable or Confirmed as determined by the current CDC case definition.

Case counts reflect reported cases only, and may be artificially low for 2020 and 2021 due to the impacts of the COVID-19 pandemic on access to medical care, availability of routine STI screenings, and investigative resources.

Cholera

Year	Cases	Rate*	Deaths
1985	0	0	0
1986	0	0	0
1987	0	0	0
1988	0	0	0
1989	0	0	0
1990	0	0	0
1991	0	0	0
1992	2	0	0
1993	0	0	0
1994	0	0	0
1995	0	0	0
1996	0	0	0
1997	0	0	0
1998	0	0	0
1999	0	0	0
2000	0	0	0
2001	0	0	0
2002	1	0	0
2003	0	0	0
2004	0	0	0
2005	0	0	0
2006	0	0	0
2007	0	0	0
2008	0	0	0
2009	0	0	0
2010	0	0	0
2011	0	0	0
2012	0	0	0
2013	1	0	0
2014	0	0	0
2015	0	0	0
2016	0	0	0
2017	0	0	0
2018	0	0	0
2019	0	0	0
2020	0	0	0
2021	0	0	0

*All rates are cases per 100,000 population.

COVID-19

County	2020 case count*	2020 case rate [^]	2021 case count*	2021 case rate [^]
Adams	1,738	8,499	1,714	8,381
Asotin	1,132	5,000	2,090	9,231
Benton	11,733	5,704	22,381	10,880
Chelan	5,064	6,357	7,885	9,898
Clallam	740	964	5,804	7,560
Clark	14,127	2,830	38,093	7,631
Columbia	96	2,294	336	8,029
Cowlitz	2,773	2,510	12,992	11,757
Douglas	2,707	6,187	4,267	9,753
Ferry	181	2,288	763	9,646
Franklin	9,254	9,564	12,329	12,742
Garfield	96	4,315	181	8,135
Grant	6,625	6,616	11,320	11,305
Grays Harbor	2,601	3,481	8,001	10,708
Island	966	1,129	4,198	4,908
Jefferson	232	721	1,317	4,091
King	66,374	2,936	150,442	6,654
Kitsap	4,178	1,535	17,302	6,356
Kittitas	1,862	3,868	4,168	8,658
Klickitat	537	2,358	1,885	8,278
Lewis	2,548	3,175	9,541	11,889
Lincoln	270	2,443	1,291	11,683
Mason	1,835	2,795	5,482	8,350
Okanogan	1,881	4,361	3,958	9,177
Pacific	575	2,633	1,720	7,875
Pend Oreille	498	3,596	1,259	9,090
Pierce	27,892	3,097	92,653	10,287
San Juan	75	433	450	2,595
Skagit	3,367	2,581	11,092	8,503
Skamania	202	1,653	740	6,056
Snohomish	23,333	2,810	62,212	7,491
Spokane	28,135	5,384	54,574	10,443
Stevens	1,229	2,676	4,513	9,828
Thurston	5,076	1,744	23,269	7,996
Wahkiakum	52	1,235	264	6,271
Walla Walla	3,784	6,047	6,006	9,597
Whatcom	3,630	1,592	17,784	7,800
Whitman	2,841	5,628	3,430	6,795
Yakima	21,022	8,142	26,566	10,289
Unknown	975	N/A	658	NA
TOTAL	262,236	3,425	634,930	8,293

Statewide by Year

Year	Case Count*	Case rate [^]	Death count
2020	262,236	3,425	3,735
2021	634,930	8,293	6,414

* Case counts and case rates were calculated by using specimen collection date, January 1-December 31, 2021

Death counts were calculated based on the date of death from January 1-December 31, 2021

[^]All incidence rates are cases per 100,000 population; 2020 OFM WA estimated population were used to calculate the incidence rates

Cryptosporidiosis

County	2017 Cases	2017 Rate*	2018 Cases	2018 Rate*	2019 Cases	2019 Rate*	2020 Cases	2020 Rate*	2021 Cases	2021 Rate*
Adams	1	+	0	0	0	0	0	0	0	0
Asotin	2	+	1	+	1	+	0	0	0	0
Benton	1	+	1	+	8	4	4	+	2	+
Chelan	0	0	0	0	1	+	3	+	2	+
Clallam	0	0	4	+	3	+	0	0	6	7.8
Clark	17	3.6	15	3.1	15	3.1	2	+	5	1
Columbia	0	0	0	0	0	0	0	0	0	0
Cowlitz	2	+	3	+	5	4.6	0	0	3	+
Douglas	0	0	0	0	4	+	1	+	0	0
Ferry	0	0	1	+	0	0	1	+	0	0
Franklin	0	0	0	0	0	0	0	0	0	0
Garfield	0	0	0	0	0	0	0	0	0	0
Grant	0	0	3	+	1	+	1	+	2	+
Grays Harbor	3	+	1	+	1	+	1	+	1	+
Island	1	+	0	0	0	0	2	+	2	+
Jefferson	3	+	2	+	0	0	3	+	2	+
King	65	3	92	4.2	114	5.1	82	3.6	86	3.8
Kitsap	1	+	2	+	1	+	8	2.9	1	+
Kittitas	1	+	0	0	3	+	3	+	3	+
Klickitat	2	+	2	+	2	+	1	+	0	0
Lewis	2	+	2	+	1	+	2	+	0	0
Lincoln	0	0	0	0	0	0	0	0	0	0
Mason	2	+	2	+	1	+	1	+	0	0
Okanogan	0	0	0	0	1	+	2	+	1	+
Pacific	0	0	0	0	1	+	0	0	0	0
Pend Oreille	0	0	0	0	0	0	0	0	0	0
Pierce	19	2.2	23	2.6	27	3	13	1.4	9	1
San Juan	0	0	2	+	1	+	1	+	2	+
Skagit	3	+	5	4	3	+	11	8.4	3	+
Skamania	0	0	0	0	1	+	1	+	0	0
Snohomish	8	1	12	1.5	9	1.1	14	1.7	19	2.3
Spokane	0	0	2	+	7	1.4	5	1	4	+
Stevens	0	0	0	0	0	0	0	0	0	0
Thurston	4	+	6	2.1	6	2.1	4	+	6	2.1
Wahkiakum	0	0	0	0	0	0	0	0	1	+
Walla Walla	2	+	4	+	3	+	2	+	2	+
Whatcom	5	2.3	4	+	5	2.2	0	0	1	+
Whitman	0	0	0	0	0	0	0	0	0	0
Yakima	6	2.4	9	3.5	7	2.7	4	+	5	1.9
State Totals	150	2.1	198	2.7	232	3.1	172	2.2	168	2.2

Statewide by Year

Year	Cases	*Rate	Deaths
2001	73	1.2	0
2002	62	1.0	0
2003	65	1.1	0
2004	63	1.0	0
2005	94	1.5	0
2006	95	1.5	0
2007	139	2.1	0
2008	99	1.5	0
2009	102	1.5	0
2010	102	1.5	0
2011	88	1.3	0
2012	101	1.5	0
2013	84	1.2	0
2014	75	1.1	0
2015	113	1.6	0
2016	131	1.8	0
2017	150	2.1	0
2018	198	2.7	0
2019	232	3.1	0
2020	172	2.2	1
2021	168	2.2	1

*All incidence rates are cases per 100,000 population.

+County incidence rates not calculated for <5 cases.

Cyclosporiasis[‡]

Year	Cases	Rate*	Deaths
2002	5	0.1	0
2003	0	0	0
2004	11	0.2	0
2005	5	0.1	0
2006	1	0	0
2007	1	0	0
2008	1	0	0
2009	0	0	0
2010	2	0	0
2011	4	0.1	0
2012	0	0	0
2013	0	0	0
2014	2	0	0
2015	5	0.1	0
2016	3	0	0
2017	9	0.1	0
2018	23	0.3	0
2019	17	0.2	0
2020	11	0.1	0
2021	19	0.2	0

[‡]Cyclosporiasis first became a notifiable condition in Washington in 12/2000.

*All rates are cases per 100,000 population.

Diphtheria

Year	Cases	Rate*	Deaths
1985	0	0	0
1986	0	0	0
1987	0	0	0
1988	0	0	0
1989	0	0	0
1990	0	0	0
1991	0	0	0
1992	0	0	0
1993	0	0	0
1994	0	0	0
1995	0	0	0
1996	0	0	0
1997	0	0	0
1998	0	0	0
1999	0	0	0
2000	0	0	0
2001	0	0	0
2002	0	0	0
2003	0	0	0
2004	0	0	0
2005	0	0	0
2006	0	0	0
2007	0	0	0
2008	0	0	0
2009	0	0	0
2010	0	0	0
2011	0	0	0
2012	0	0	0
2013	0	0	0
2014	0	0	0
2015	0	0	0
2016	0	0	0
2017	0	0	0
2018	0	0	0
2019	0	0	0
2020	0	0	0
2021	0	0	0

*All rates are cases per 100,000 population.

Giardiasis

Statewide by Year

County	2017	2017	2018	2018	2019	2019	2020	2020	2021	2021	Year	Cases	Rate*	Deaths
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*				
Adams	1	+	0	0	0	0	0	0	0	0	1982	956	22.4	0
Asotin	1	+	4	+	2	+	0	0	0	0	1983	706	16.4	0
Benton	11	5.7	4	+	5	2.5	2	+	6	2.9	1984	710	16.3	0
Chelan	6	7.8	7	9	3	+	0	0	0	0	1985	779	17.6	0
Clallam	5	6.7	7	9.3	6	7.9	4	+	4	+	1986	811	18.2	0
Clark	25	5.3	22	4.6	11	2.3	9	1.8	22	4.4	1987	827	18.3	0
Columbia	2	+	0	0	0	0	0	0	0	0	1988	851	18.4	0
Cowlitz	3	+	6	5.6	1	+	0	0	1	+	1989	980	20.7	0
Douglas	0	0	1	+	0	0	0	0	1	+	1990	792	16.3	0
Ferry	2	+	0	0	1	+	0	0	0	0	1991	876	17.4	1
Franklin	2	+	1	+	4	+	1	+	2	+	1992	860	16.7	1
Garfield	0	0	2	90.5	0	0	0	0	0	0	1993	747	14.2	0
Grant	9	9.4	3	+	1	+	2	+	0	0	1994	722	13.5	0
Grays Harbor	4	+	3	+	4	+	0	0	4	+	1995	855	15.6	0
Island	5	6	2	+	4	+	5	5.8	4	+	1996	668	12.0	0
Jefferson	7	22.3	6	19	7	21.9	8	24.9	0	0	1997	738	13.0	0
King	277	12.9	156	7.1	59	2.7	9	0.4	40	1.8	1998	740	12.9	1
Kitsap	22	8.3	18	6.7	13	4.8	4	+	12	4.4	1999	560	9.6	1
Kittitas	9	20.1	1	+	1	+	1	+	4	+	2000	622	10.6	1
Klickitat	1	+	3	+	2	+	0	0	1	+	2001	512	8.6	0
Lewis	3	+	1	+	3	+	0	0	1	+	2002	510	8.4	0
Lincoln	1	+	1	+	0	0	1	+	0	0	2003	435	7.1	0
Mason	5	7.9	6	9.4	3	+	2	+	0	0	2004	444	7.2	0
Okanogan	7	16.6	4	+	2	+	3	+	2	+	2005	437	6.9	0
Pacific	0	0	0	0	0	0	0	0	0	0	2006	451	7.0	0
Pend Oreille	3	+	0	0	1	+	1	+	0	0	2007	590	9.0	0
Pierce	46	5.4	31	3.6	43	4.8	28	3.1	24	2.7	2008	486	7.4	0
San Juan	1	+	1	+	0	0	0	0	0	0	2009	467	7.0	0
Skagit	10	8.1	8	6.3	10	7.7	12	9.2	7	5.4	2010	521	7.7	0
Skamania	0	0	0	0	2	+	0	0	1	+	2011	529	7.8	0
Snohomish	64	8.1	55	6.8	46	5.6	50	6	46	5.5	2012	512	7.5	0
Spokane	66	13.2	32	6.3	29	5.6	8	1.5	13	2.5	2013	548	8.0	0
Stevens	8	18	3	+	1	+	1	+	0	0	2014	515	7.4	0
Thurston	25	9	21	7.5	12	4.2	22	7.6	22	7.6	2015	604	8.6	0
Wahkiakum	0	0	1	+	0	0	0	0	0	0	2016	672	9.4	0
Walla Walla	4	+	4	+	0	0	0	0	1	+	2017	668	9.1	0
Whatcom	17	7.9	18	8.2	9	4	11	4.8	14	6.1	2018	438	5.9	0
Whitman	2	+	2	+	2	+	0	0	2	+	2019	288	3.8	0
Yakima	14	5.5	4	+	1	+	0	0	3	+	2020	184	2.4	0
State Totals	668	9.1	438	5.9	288	3.8	184	2.4	237	3.1	2021	237	3.1	0

*All incidence rates are cases per 100,000 population.

+County incidence rates not calculated for <5 cases.

Gonorrhea

County	2017 Cases	2017 Rate*	2018 Cases	2018 Rate*	2019 Cases	2019 Rate*	2020 Cases	2020 Rate*	2021 Cases	2021 Rate*
Adams	19	95.6	23	114.9	11	+	10	+	22	105.3
Asotin	31	139.1	6	+	24	106.6	26	114.8	17	75.6
Benton	216	111.6	240	121.6	235	116.5	379	184.2	337	160.9
Chelan	28	36.4	45	57.8	36	45.9	40	50.2	37	46.3
Clallam	6	+	21	28.0	29	38.2	9	+	29	37.3
Clark	511	108.5	658	137.2	548	112.2	677	135.6	638	124.3
Columbia	4	+	2	+	3	+	1	+	1	+
Cowlitz	109	102.9	134	124.9	101	92.7	72	65.2	84	75.3
Douglas	9	+	34	80.7	26	60.7	25	57.1	20	45.9
Ferry	2	+	2	+	7	+	2	+	3	+
Franklin	129	142.8	124	134.0	133	140.5	170	175.7	184	187.1
Garfield	0	0	1	+	1	+	0	0	0	0
Grant	116	121.3	110	113.0	97	98.2	127	126.8	112	111.1
Grays Harbor	46	63	48	65.2	72	97.1	83	111.1	77	101.2
Island	38	45.9	37	44.1	41	48.3	29	33.9	29	33.3
Jefferson	11	+	8	+	5	+	10	+	4	+
King	4,178	194	4,431	202.3	4,706	211.4	4,277	189.2	4,310	188.5
Kitsap	276	104.4	306	114.6	241	89.2	255	93.7	260	93.6
Kittitas	16	+	30	65.8	29	62.3	19	39.5	18	39.8
Klickitat	3	+	10	+	17	75.8	8	+	14	+
Lewis	40	51.7	54	68.9	50	62.9	50	62.3	67	81.0
Lincoln	3	+	3	+	7	+	6	+	1	+
Mason	37	58.6	69	107.8	45	69.3	23	35.0	56	85.2
Okanogan	11	+	13	+	46	107.7	41	95.1	25	59.0
Pacific	9	+	5	+	4	+	4	+	7	+
Pend Oreille	4	+	9	+	1	+	11	+	4	+
Pierce	1,772	206.2	1,923	220.5	2,132	240.0	2,208	245.1	1,786	192.4
San Juan	3	+	2	+	2	+	0	0	1	+
Skagit	60	48.4	108	85.4	117	90.6	136	104.3	99	76.2
Skamania	1	+	2	+	4	+	1	+	1	+
Snohomish	741	93.9	875	108.7	760	92.8	796	95.8	799	95.4
Spokane	693	138.7	755	148.6	1,073	208.2	900	172.2	879	162.1
Stevens	14	+	24	53.3	32	70.2	25	54.4	20	42.8
Thurston	253	91.4	289	102.6	279	97.6	305	104.8	262	88.0
Wahkiakum	2	+	1	+	0	0	0	0	1	+
Walla Walla	20	32.6	48	77.7	78	125.4	60	95.9	48	77.3
Whatcom	147	68	171	77.6	157	69.7	188	82.5	216	95.4
Whitman	31	63.7	38	77.2	34	67.8	23	45.6	34	76.2
Yakima	433	171.2	556	218.5	665	259.8	584	226.2	596	230.9
State Totals	10,022	137.1	11,215	151.0	11,848	157.0	11,580	151.2	11,098	142.9

Statewide by Year

Year	Cases	Rate*	Deaths
1990	5,009	103.0	0
1991	4,441	88.4	0
1992	4,169	81.1	0
1993	3,740	71.0	0
1994	2,893	53.9	0
1995	2,765	50.5	0
1996	2,020	36.3	0
1997	1,955	34.5	0
1998	1,948	33.9	0
1999	2,132	36.6	0
2000	2,419	41.0	0
2001	2,991	50.1	0
2002	2,925	48.3	0
2003	2,754	44.9	0
2004	2,810	45.3	0
2005	3,738	59.3	0
2006	4,231	65.9	0
2007	3,646	55.9	0
2008	3,116	47.2	0
2009	2,268	34.0	0
2010	2,865	42.6	0
2011	2,730	40.3	0
2012	3,282	48.1	0
2013	4,390	63.8	0
2014	6,136	88.1	0
2015	7,203	103.0	0
2016	8,165	114.0	0
2017	10,022	137.1	0
2018	11,215	151.0	0
2019	11,848	157.0	0
2020	11,580	151.2	0
2021	11,098	142.9	0

Note: Data prior to 2009 are based on year reported rather than year diagnosed.

*All incidence rates are cases per 100,000 population. Rate calculations for 2021 are preliminary and calculated using 2020 population data, pending release of more detailed 2021 population data by the Census Bureau.

+County incidence rates based on counts ≤16 are suppressed due to statistical instability.

Data source: PHIMS-STD 3/31/2022.

Note: Cases are included in this table if they are residing in Washington based on reported address at the time of diagnosis, are a reportable case in the relevant calendar year (January 1, XXXX - December 31, XXXX), and are given a valid DOH case classification of Probable or Confirmed as determined by the current CDC case definition.

Case counts reflect reported cases only, and may be artificially low for 2020 and 2021 due to the impacts of the COVID-19 pandemic on access to medical care, availability of routine STI screenings, and investigative resources.

Haemophilus Influenzae Invasive Disease

Year	Cases	Rate*	Deaths
1981	156	3.7	0
1982	149	3.5	6
1983	123	2.9	5
1984	110	2.5	5
1985	153	3.5	6
1986	319	7.1	11
1987	271	6.0	6
1988	200	4.3	0
1989	163	3.4	2
1990	123	2.5	6
1991	51	1.0	0
1992	22	0.4	1
1993	17	0.3	0
1994	10	0.2	0
1995	11	0.2	3
1996	10	0.2	0
1997	6	0.1	0
1998	11	0.2	1
1999	5	0.1	1
2000	8	0.1	0
2001*	7	1.8	0
2002*	5	1.2	0
2003*	13	3.2	1
2004*	4	1.0	0
2005*	5	1.2	0
2006*	5	1.2	0
2007*	6	1.4	0
2008*	2	0.5	0
2009*	9	2.1	0
2010*	10	2.3	1
2011*	8	1.8	1
2012*	4	0.9	0
2013*	11	2.4	0
2014*	9	2.0	0
2015*	5	1.1	0
2016*	9	2.0	0
2017*	7	1.5	0
2018*	13	2.9	0
2019*	16	3.5	0
2020*	6	1.3	0
2021*	7	0.1	0

*All rates are cases per 100,000 population. Rates for 2001-2021 are for population aged 0-4 years; rates before 2001 are for the entire population.

Hantavirus Pulmonary Syndrome[‡]

Year	Cases	Rate*	Deaths
1985	2	0	1
1994	4	0.1	2
1995	4	0.1	2
1996	3	0.1	1
1997	2	0	0
1998	5	0.1	1
1999	1	0	0
2000	1	0	0
2001	1	0	0
2002	2	0	1
2003	2	0	0
2004	1	0	0
2005	3	0	2
2006	2	0	0
2007	2	0	1
2008	2	0	1
2009	3	0	1
2010	2	0	0
2011	2	0	1
2012	2	0	2
2013	0	0	0
2014	1	0	0
2015	1	0	0
2016	1	0	0
2017	5	0.1	3
2018	2	0	0
2019	1	0	0
2020	0	0	0
2021	1	0	0

[‡]Hantavirus Pulmonary Syndrome first became a notifiable condition in Washington in 12/2000.

*All rates are cases per 100,000 population.

Hepatitis A, Acute

County	2017 Cases	2017 Rate*	2018 Cases	2018 Rate*	2019 Cases	2019 Rate*	2020 Cases	2020 Rate*	2021 Cases	2021 Rate*
Adams	0	0	0	0	0	0	2	+	0	0
Asotin	0	0	0	0	0	0	0	0	0	0
Benton	0	0	1	+	0	0	1	+	0	0
Chelan	0	0	0	0	1	+	0	0	0	0
Clallam	0	0	1	+	0	0	0	0	0	0
Clark	3	+	3	+	4	+	1	+	0	0
Columbia	0	0	0	0	0	0	0	0	0	0
Cowlitz	1	+	0	0	1	+	0	0	0	0
Douglas	0	0	0	0	0	0	0	0	0	0
Ferry	0	0	0	0	0	0	0	0	0	0
Franklin	0	0	0	0	1	+	0	0	2	+
Garfield	0	0	0	0	0	0	0	0	0	0
Grant	0	0	0	0	0	0	0	0	0	0
Grays Harbor	0	0	0	0	0	0	0	0	0	0
Island	0	0	0	0	0	0	2	+	0	0
Jefferson	0	0	2	+	0	0	0	0	0	0
King	11	0.5	14	0.6	45	2	148	6.5	6	0.3
Kitsap	2	+	2	+	4	+	4	+	0	0
Kittitas	0	0	0	0	0	0	6	12.5	2	+
Klickitat	0	0	1	+	1	+	0	0	0	0
Lewis	0	0	0	0	0	0	0	0	0	0
Lincoln	0	0	0	0	0	0	0	0	2	+
Mason	1	+	0	0	0	0	1	+	0	0
Okanogan	0	0	0	0	4	+	4	+	0	0
Pacific	0	0	1	+	0	0	0	0	0	0
Pend Oreille	0	0	0	0	1	+	0	0	0	0
Pierce	1	+	2	+	3	+	20	2.2	0	0
San Juan	0	0	0	0	0	0	0	0	0	0
Skagit	3	+	1	+	2	+	0	0	0	0
Skamania	0	0	0	0	0	0	0	0	0	0
Snohomish	1	+	2	+	15	1.8	39	4.7	3	+
Spokane	2	+	1	+	74	14.4	25	4.8	0	0
Stevens	0	0	1	+	0	0	1	+	0	0
Thurston	1	+	2	+	1	+	5	1.7	0	0
Wahkiakum	0	0	0	0	0	0	0	0	0	0
Walla Walla	1	+	0	0	0	0	0	0	0	0
Whatcom	0	0	0	0	1	+	1	+	0	0
Whitman	0	0	0	0	0	0	0	0	0	0
Yakima	1	+	1	+	23	9	24	9.3	3	+
State Totals	28	0.4	35	0.5	181	2.4	284	3.7	18	0.2

Statewide by Year

Year	Cases	Rate*	Deaths
1982	494	11.6	1
1983	268	6.2	1
1984	373	8.6	0
1985	702	15.9	2
1986	1,385	31.0	1
1987	2,589	57.2	1
1988	2,669	57.8	7
1989	3,273	69.2	5
1990	1,380	28.4	1
1991	608	12.1	3
1992	865	16.8	1
1993	926	17.6	1
1994	1,119	20.9	2
1995	937	17.1	9
1996	1,001	18.0	3
1997	1,019	18.0	1
1998	1,037	18.0	2
1999	505	8.7	1
2000	298	5.1	1
2001	184	3.1	0
2002	162	2.7	0
2003	50	0.8	0
2004	69	1.1	0
2005	63	1.0	1
2006	52	0.8	2
2007	60	0.9	0
2008	51	0.8	0
2009	42	0.6	1
2010	21	0.3	0
2011	31	0.5	1
2012	29	0.4	1
2013	45	0.7	1
2014	26	0.4	0
2015	26	0.4	0
2016	31	0.4	1
2017	28	0.4	0
2018	35	0.5	1
2019	181	2.4	4
2020	284	3.7	5
2021	18	0.2	0

*All incidence rates are cases per 100,000 population.

+County incidence rates not calculated for <5 cases.

Hepatitis B, Acute

County	2017 Cases	2017 Rate	2018 Cases	2018 Rate	2019 Cases	2019 Rate	2020 Cases	2020 Rate	2021 Cases	2021 Rate
Adams	0	0	0	0	0	0	0	0	0	0
Asotin	0	0	0	0	0	0	0	0	0	0
Benton	0	0	0	0	0	0	1	*	2	*
Chelan	1	*	0	0	0	0	0	0	1	*
Clallam	0	0	0	0	0	0	0	0	0	0
Clark	2	*	0	0	2	*	0	0	2	*
Columbia	0	0	0	0	0	0	0	0	0	0
Cowlitz	7	6.6	2	*	1	*	0	0	0	0
Douglas	0	0	0	0	0	0	0	0	0	0
Ferry	0	0	0	0	0	0	0	0	0	0
Franklin	0	0	0	0	0	0	0	0	0	0
Garfield	0	0	0	0	0	0	0	0	0	0
Grant	1	*	0	0	0	0	0	0	0	0
Grays Harbor	2	*	3	*	3	*	0	0	0	0
Island	0	0	0	0	0	0	0	0	0	0
Jefferson	0	0	0	0	0	0	0	0	0	0
King	7	0.3	9	0.4	17	0.8	11	0.5	11	0.5
Kitsap	0	0	1	*	0	0	0	0	1	*
Kittitas	0	0	0	0	1	*	0	0	0	0
Klickitat	0	0	1	*	0	0	0	0	1	*
Lewis	3	*	0	0	1	*	2	*	0	0
Lincoln	0	0	1	*	0	0	0	0	0	0
Mason	1	*	1	*	0	0	0	0	0	0
Okanogan	0	0	0	0	0	0	0	0	0	0
Pacific	0	0	0	0	0	0	0	0	0	0
Pend Oreille	0	0	0	0	0	0	0	0	0	0
Pierce	4	*	6	0.7	4	*	6	0.7	1	*
San Juan	0	0	0	0	0	0	0	0	0	0
Skagit	1	*	1	*	0	0	0	0	0	0
Skamania	1	*	0	0	0	0	0	0	0	0
Snohomish	2	*	7	0.9	7	0.9	2	*	2	*
Spokane	6	1.2	13	2.6	7	1.4	7	1.3	7	1.3
Stevens	1	*	1	*	1	*	0	0	0	0
Thurston	3	*	3	*	5	1.7	3	*	0	0
Wahkiakum	0	0	0	0	0	0	0	0	0	0
Walla Walla	0	0	1	*	0	0	0	0	0	0
Whatcom	1	*	1	*	3	*	4	*	1	*
Whitman	0	0	0	0	0	0	0	0	0	0
Yakima	0	0	0	0	0	0	1	*	0	0
Unspecified‡	0	-	0	-	1	-	0	-	0	-
State Totals	43	0.6	51	0.7	53	0.7	37	0.5	29	0.4

Statewide by Year

Year	Cases	Rate*	Deaths
1982	358	8.4	2
1983	307	7.1	3
1984	317	7.3	2
1985	484	11.0	6
1986	989	22.2	8
1987	1,126	24.9	4
1988	979	21.2	6
1989	1,055	22.3	9
1990	616	12.7	7
1991	470	9.4	5
1992	399	7.8	1
1993	247	4.7	0
1994	255	4.8	2
1995	226	4.1	2
1996	158	2.8	1
1997	114	2.0	2
1998	136	2.4	0
1999	111	1.9	1
2000	132	2.2	5
2001	171	2.9	0
2002	83	1.4	0
2003	90	1.5	1
2004	64	1.0	1
2005	80	1.3	0
2006	80	1.2	2
2007	71	1.1	1
2008	56	0.8	0
2009	48	0.7	0
2010	50	0.7	1
2011	35	0.5	0
2012	34	0.5	1
2013	34	0.5	1
2014	44	0.6	0
2015	34	0.5	0
2016	45	0.6	0
2017	43	0.6	0
2018	51	0.7	0
2019	53	0.7	0
2020	37	0.5	1
2021	29	0.4	1

All incidence rates are cases per 100,000 population.

*County incidence rates not calculated for <5 cases.

‡Includes cases diagnosed in correctional facilities and cases entered at the state level into Washington State surveillance databases.

Note: Cases of acute hepatitis B are included in this table if they are a resident of Washington at the time of initial diagnosis/report, are a reportable case in the relevant calendar year (January 1, XXXX – December 31, XXXX), and are given a valid DOH case classification of Confirmed as determined by the CDC case definition.

Due to prior and ongoing person deduplication and data cleanup, case data from 2017-2021 & death data from 2016-2021 have been updated.

Case counts from 2020 and 2021 may be artificially low. Data should be interpreted with caution due to the impacts of the COVID-19 pandemic on availability of hepatitis B screening, linkage to care, and investigative resources.

Data sources: Washington Disease Reporting System (WDRS), 09/01/2022; Washington State Department of Health, Center for Health Statistics, Death Certificate Data, 1990–2021

Hepatitis B, Chronic

Statewide by Year

County	2017 Cases	2017 Rate	2018 Cases	2018 Rate	2019 Cases	2019 Rate	2020 Cases	2020 Rate	2021 Cases	2021 Rate
Adams	1	*	3	*	3	*	0	0	1	*
Asotin	2	*	1	*	0	0	1	*	1	*
Benton	48	24.8	49	24.8	64	31.7	36	17.5	28	13.6
Chelan	4	*	5	6.4	9	11.5	3	*	4	5.0
Clallam	9	12.1	11	14.6	6	7.9	2	*	4	5.2
Clark	67	14.2	115	24.0	108	22.1	89	17.8	90	18.0
Columbia	0	0	0	0	0	0	0	0	0	0
Cowlitz	13	12.3	9	8.4	12	11.0	9	8.1	6	5.4
Douglas	0	0	4	*	3	*	3	*	1	*
Ferry	0	0	0	0	0	0	0	0	1	*
Franklin	5	5.5	15	16.2	19	20.1	10	10.3	4	*
Garfield	0	0	0	0	0	0	0	0	1	*
Grant	1	*	2	*	5	5.1	3	*	4	*
Grays Harbor	3	*	17	23.1	12	16.2	10	13.4	7	9.4
Island	0	0	10	11.9	7	8.3	5	5.8	7	8.2
Jefferson	1	*	2	*	0	0	2	*	4	*
King	1,080	50.1	887	40.5	939	42.2	668	29.5	769	34.0
Kitsap	19	7.2	51	19.1	41	15.2	25	9.2	27	9.9
Kittitas	3	*	3	*	0	0	2	*	1	*
Klickitat	4	*	1	*	3	*	2	*	3	*
Lewis	11	14.2	9	11.5	4	*	3	*	13	16.2
Lincoln	0	0	1	*	1	*	1	*	1	*
Mason	1	*	8	12.5	10	15.4	2	*	11	16.8
Okanogan	0	0	2	*	3	*	1	*	6	13.9
Pacific	2	*	0	0	6	27.7	1	*	1	*
Pend Oreille	1	*	0	0	1	*	1	*	2	*
Pierce	149	17.3	186	21.3	191	21.5	135	15.0	171	19.0
San Juan	0	0	1	*	2	*	0	0	0	0
Skagit	13	10.5	11	8.7	13	10.1	4	*	12	9.2
Skamania	0	0	0	0	1	*	1	*	2	*
Snohomish	206	26.1	258	32.0	243	29.7	172	20.7	151	18.2
Spokane	80	16.0	102	20.1	93	18.0	73	14.0	62	11.9
Stevens	1	*	7	15.5	2	*	4	*	2	*
Thurston	46	16.6	45	16.0	42	14.7	47	16.2	44	15.1
Wahkiakum	0	0	1	*	0	0	0	0	0	0
Walla Walla	2	*	8	12.9	5	8.0	12	19.2	5	8.0
Whatcom	24	11.1	18	8.2	19	8.4	21	9.2	17	7.5
Whitman	12	24.7	12	24.4	6	12.0	8	15.8	3	*
Yakima	8	3.2	19	7.5	20	7.8	12	4.6	13	5.0
Unspecified‡	0	-	5	-	2	-	2	-	4	-
State Totals	1,816	24.9	1,878	25.3	1,895	25.1	1,370	17.9	1483	19.4

Year Cases Rate* Deaths

Year	Cases	Rate*	Deaths
2001	1,078	18.1	55
2002	979	16.2	52
2003	950	15.5	48
2004	939	15.3	55
2005	1,034	16.4	49
2006	1,119	17.4	39
2007	1,138	17.4	47
2008	1,464	22.2	52
2009	1,194	17.9	64
2010	1,238	18.4	47
2011	1,030	15.2	54
2012	1,139	16.7	47
2013	901	13.1	60
2014	1,119	16.1	56
2015	1,310	18.6	48
2016	1,521	21.2	47
2017	1,816	24.9	47
2018	1,878	25.3	53
2019	1,895	25.1	49
2020	1,370	17.9	49
2021	1,483	19.4	58

All incidence rates are cases per 100,000 population.

*County incidence rates not calculated for <5 cases.

‡Includes cases diagnosed in correctional facilities and cases entered at the state level into Washington State surveillance databases.

Note: Cases of chronic hepatitis B are included in this table if they are a resident of Washington at the time of initial diagnosis/report, are a reportable case in the relevant calendar year (January 1, XXXX – December 31, XXXX), and are given a valid DOH case classification of Probable or Confirmed as determined by the CDC case definition.

Due to prior and ongoing person deduplication and data cleanup, case data from 2017-2021 & death data from 2016-2021 have been updated.

Case counts from 2020 and 2021 may be artificially low. Data should be interpreted with caution due to the impacts of the COVID-19 pandemic on availability of hepatitis B screening, linkage to care, and investigative resources.

Data sources: Washington Disease Reporting System (WDRS), 09/01/2022; Washington State DOH, Center for Health Statistics, Death Certificate Data, 1990-2021

Hepatitis B, Perinatal

Year	Cases
2016	1
2017	0
2018	1
2019	0
2020	0
2021	1

Note: Cases of perinatal hepatitis B are included in this table if they are a resident of Washington at the time of initial diagnosis/report, are a reportable case in the relevant calendar year (January 1, XXXX – December 31, XXXX), and are given a valid DOH case classification of Confirmed as determined by the CDC case definition.

Data source: Washington Disease Reporting System (WDRS), 09/01/2022

Hepatitis C, Acute

Statewide by Year

County	2017 Cases	2017 Rate*	2018 Cases	2018 Rate*	2019 Cases	2019 Rate*	2020 Cases	2020 Rate*	2021 Cases	2021 Rate*	Year	Cases	Rate*	Deaths
Adams	0	0	0	0	0	0	0	0	0	0	1982	94	2.2	0
Asotin	0	0	0	0	0	0	0	0	0	0	1983	151	3.5	1
Benton	0	0	0	0	0	0	2	+	0	0	1984	131	3.0	2
Chelan	0	0	0	0	0	0	0	0	0	0	1985	145	3.3	1
Clallam	0	0	0	0	1	+	2	+	1	+	1986	167	3.7	7
Clark	0	0	3	+	6	1.2	5	1.0	14	2.7	1987	207	4.6	1
Columbia	0	0	0	0	0	0	0	0	0	0	1988	232	5.0	2
Cowlitz	3	+	0	0	1	+	2	+	0	0	1989	208	4.4	4
Douglas	0	0	0	0	0	0	1	+	0	0	1990	141	2.9	6
Ferry	0	0	0	0	0	0	0	0	0	0	1991	164	3.3	4
Franklin	0	0	0	0	0	0	0	0	0	0	1992	186	3.6	1
Garfield	0	0	0	0	0	0	0	0	0	0	1993	219	4.2	1
Grant	0	0	0	0	1	+	0	0	0	0	1994	294	5.5	0
Grays Harbor	0	0	0	0	0	0	2	+	4	+	1995	234	4.3	1
Island	0	0	0	0	0	0	0	0	0	0	1996	66	1.2	1
Jefferson	2	+	2	+	0	0	0	0	0	0	1997	42	0.7	0
King	13	0.6	28	1.3	34	1.5	32	1.4	29	1.3	1998	29	0.5	0
Kitsap	3	+	0	0	0	0	3	+	4	+	1999	24	0.4	0
Kittitas	0	0	0	0	0	0	3	+	0	0	2000	44	0.7	0
Klickitat	0	0	0	0	0	0	0	0	0	0	2001	31	0.5	0
Lewis	0	0	0	0	0	0	1	+	0	0	2002	27	0.4	0
Lincoln	0	0	0	0	0	0	0	0	1	+	2003	21	0.3	0
Mason	0	0	1	+	0	0	1	+	1	+	2004	23	0.4	1
Okanogan	0	0	0	0	0	0	2	+	0	0	2005	21	0.3	0
Pacific	0	0	0	0	0	0	1	+	1	+	2006	23	0.4	0
Pend Oreille	0	0	0	0	0	0	0	0	1	+	2007	18	0.3	0
Pierce	27	3.1	41	4.7	20	2.3	20	2.2	18	1.9	2008	25	0.4	0
San Juan	0	0	0	0	0	0	0	0	0	0	2009	22	0.3	0
Skagit	2	+	3	+	1	+	2	+	1	+	2010	25	0.4	0
Skamania	0	0	0	0	0	0	0	0	0	0	2011	41	0.6	0
Snohomish	8	1.0	7	0.9	10	1.2	10	1.2	4	+	2012	54	0.8	0
Spokane	7	1.4	15	3.0	15	2.9	19	3.6	22	4.1	2013	63	0.9	0
Stevens	0	0	1	+	0	0	0	0	0	0	2014	83	1.2	0
Thurston	0	0	4	+	0	0	3	+	4	+	2015	63	0.9	0
Wahkiakum	0	0	0	0	0	0	0	0	0	0	2016	95	1.3	0
Walla Walla	1	+	0	0	0	0	0	0	0	0	2017	75	1.0	0
Whatcom	6	2.8	13	5.9	8	3.6	8	3.5	16	7.1	2018	119	1.6	0
Whitman	0	0	1	+	0	0	0	0	0	0	2019	97	1.3	0
Yakima	3	+	0	0	0	0	1	+	1	+	2020	120	1.6	0
State Totals	75	1.0	119	1.6	97	1.3	120	1.6	122	1.6	2021	122	1.6	0

*All incidence rates are cases per 100,000 population.

+County incidence rates not calculated for <5 cases.

Due to prior and ongoing person deduplication and data clean-up, case data from 2017-2021 & death data from 2016-2021 have been updated.

Cases of acute hepatitis C are included in this table if they are a resident of Washington at the time of initial diagnosis/report, are a reportable case in the relevant calendar year (January 1, XXXX – December 31, XXXX), and are given a valid DOH case classification of Probable or Confirmed as determined by the CDC case definition. The most recent case definition update occurred in 2020.

Case counts from 2020 and 2021 may be artificially low. Data should be interpreted with caution due to the impacts of the COVID-19 pandemic on availability of hepatitis C screening, linkage to care, and investigative resources.

Data sources: Washington Disease Reporting System (WDRS), 09/2022; Washington State Department of Health, Center for Health Statistics, Death Certificate Data

Hepatitis C, Chronic

Statewide by Year

County	2017	2017	2018	2018	2019	2019	2020	2020	2021	2021	Year	Cases	Rate* Deaths
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*			
Adams	8	40.3	4	*	6	29.8	2	*	6	28.7	2001	6,052	101.4 296
Asotin	11	49.3	45	200.7	41	182.1	23	101.6	23	102.2	2002	5,218	86.1 335
Benton	190	98.2	175	88.6	192	95.1	238	115.7	150	71.6	2003	4,142	67.6 299
Chelan	49	63.8	66	84.8	38	48.5	29	36.4	33	41.3	2004	4,681	76.4 362
Clallam	93	125.3	112	149.1	123	161.8	70	91.2	81	104.2	2005	4,708	74.7 322
Clark	621	131.8	653	136.2	487	99.7	378	75.7	211	41.1	2006	5,296	82.5 355
Columbia	1	*	4	*	5	120.2	5	119.5	2	*	2007	5,481	84.0 444
Cowlitz	273	257.8	244	227.4	130	119.3	102	92.3	120	107.6	2008	6,450	97.6 473
Douglas	12	29.0	31	73.6	17	39.7	13	29.7	17	39.0	2009	5,511	82.6 550
Ferry	6	77.5	21	269.9	9	114.9	10	126.4	6	82.8	2010	5,619	83.6 560
Franklin	12	13.3	86	92.9	88	92.9	50	51.7	47	47.8	2011	5,066	74.9 580
Garfield	0	0	3	*	3	*	1	*	1	*	2012	4,865	71.4 604
Grant	47	49.1	53	54.4	63	63.8	38	38.0	35	34.7	2013	4,438	64.5 584
Grays Harbor	136	186.4	145	197.0	176	237.3	82	109.7	68	89.4	2014	5,995	86.0 645
Island	89	107.5	68	81.1	42	49.5	34	39.8	32	36.7	2015	7,085	100.3 651
Jefferson	30	95.7	34	107.6	36	112.9	26	80.8	21	63.4	2016	8,118	113.0 511
King	2,353	109.3	1,479	67.5	1,268	57.0	848	37.5	840	36.7	2017	8,865	121.3 531
Kitsap	296	112	203	76.0	144	53.3	116	42.6	110	39.6	2018	7,652	103.0 468
Kittitas	18	40.2	34	74.6	21	45.1	31	64.4	17	37.6	2019	6,730	89.2 440
Klickitat	38	175.4	19	86.4	20	89.2	15	65.9	13	56.5	2020	4,458	58.2 444
Lewis	111	143.3	135	172.2	102	128.3	59	73.5	71	85.9	2021	3,998	51.5 481
Lincoln	6	56.1	12	111.0	7	63.9	4	*	2	*			
Mason	86	136.1	88	137.5	96	147.7	60	91.4	54	82.1			
Okanogan	17	40.4	49	115.3	36	84.2	32	74.2	38	89.7			
Pacific	47	221.2	46	214.8	42	194.1	38	174.0	37	158.0			
Pend Oreille	25	187	26	192.0	12	87.3	10	72.2	5	37.1			
Pierce	1,166	135.7	782	89.7	690	77.7	423	47.0	491	52.9			
San Juan	10	60.6	8	47.6	15	87.5	2	*	5	28.0			
Skagit	129	103.9	170	134.4	118	91.3	77	59.0	64	49.2			
Skamania	0	0	17	143.0	11	91.2	11	90.0	8	68.1			
Snohomish	1,231	155.9	816	101.4	741	90.5	390	47.0	363	43.3			
Spokane	804	160.9	830	163.4	759	147.3	449	85.9	388	71.6			
Stevens	112	251.6	57	126.6	65	142.6	38	82.8	30	64.2			
Thurston	319	115.2	257	91.2	240	84.0	140	48.1	153	51.4			
Wahkiakum	2	*	3	*	5	119.3	5	118.8	2	*			
Walla Walla	41	66.8	85	137.5	61	98.1	29	46.3	29	46.7			
Whatcom	209	96.6	214	97.1	168	74.6	124	54.4	80	35.4			
Whitman	14	28.8	24	48.8	17	33.9	16	31.7	8	17.9			
Yakima	233	92.1	249	97.8	207	80.9	109	42.2	116	44.9			
Unspecified [‡]	20	-	305	-	429	-	331	-	221	-			
State Totals	8,865	121.3	7,652	103.0	6,730	89.2	4,458	58.2	3,998	51.5			

*All incidence rates are cases per 100,000 population. County incidence rates not calculated for <5 cases.

‡Includes cases diagnosed in correctional and other state facilities.

Due to prior and ongoing person deduplication and data clean-up, case data from 2017-2021 & death data from 2016-2021 have been updated.

Cases of chronic hepatitis C are included in this table if they are a resident of Washington at the time of initial diagnosis/report, are a reportable case in the relevant calendar year (January 1, XXXX – December 31, XXXX), and are given a valid DOH case classification of Probable or Confirmed as determined by the CDC case definition. The most recent case definition update occurred in 2020.

Case counts from 2020 and 2021 may be artificially low. Data should be interpreted with caution due to the impacts of the COVID-19 pandemic on availability of hepatitis C screening, linkage to care, and investigative resources.

Data sources: Washington Disease Reporting System (WDRS), 09/2022; Washington State Department of Health, Center for Health Statistics, Death Certificate Data

Hepatitis C, Perinatal

Year	Cases
2018	4
2019	3
2020	5
2021	2

Note: Cases of perinatal hepatitis C are included in this table if they are a resident of Washington at the time of initial diagnosis/report, are a reportable case in the relevant calendar year (January 1, XXXX – December 31, XXXX), and are given a valid DOH case classification of Confirmed as determined by the CDC case definition.

Data source:

Washington Disease Reporting System (WDRS), 09/2022²

Herpes Simplex

Statewide by Year

County	2017	2017	2018	2018	2019	2019	2020	2020	2021	2021	Year	Cases	Rate*	Deaths
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Case	Rate*	Case	Rate*				
Adams	3	+	5	+	1	+	2	+	1	+	2003	2,073	33.8	0
Asotin	5	+	0	0	2	+	0	0	1	+	2004	2,153	34.7	0
Benton	64	33.1	69	35.0	58	28.7	77	37.4	64	30.6	2005	2,331	37.0	0
Chelan	15	+	9	+	8	+	2	+	0	0	2006	2,446	38.1	0
Clallam	20	26.9	21	28.0	10	+	8	+	11	+	2007	1,952	29.9	0
Clark	305	64.8	281	58.6	278	56.9	136	27.2	47	9.2	2008	2,009	30.4	0
Columbia	0	0	0	0	0	0	0	0	0	0	2009	1,875	28.1	0
Cowlitz	50	47.2	28	26.1	13	+	15	+	16	+	2010	2,028	30.2	0
Douglas	6	+	2	+	3	+	1	+	2	+	2011	2,149	31.8	0
Ferry	1	+	1	+	3	+	0	0	0	0	2012	2,197	32.2	0
Franklin	27	29.9	31	33.5	27	28.5	34	35.1	20	20.3	2013	2,207	32.1	0
Garfield	0	0	0	0	0	0	0	0	0	0	2014	2,082	29.9	0
Grant	21	22.0	25	25.7	27	27.3	13	+	11	+	2015	2,524	36.0	0
Grays Harbor	3	+	7	+	18	24.3	14	+	15	+	2016	2,548	35.5	0
Island	9	+	26	31.0	19	22.4	18	21.1	15	+	2017	2,058	28.2	0
Jefferson	4	+	2	+	2	+	0	0	2	+	2018	1,612	21.7	0
King	356	16.5	15	+	17	0.8	9	+	12	+	2019	1,740	23.1	0
Kitsap	108	40.9	75	28.1	86	31.8	84	30.9	117	42.1	2020	1,375	18.0	0
Kittitas	14	+	9	+	16	+	8	+	6	+	2021	1,189	15.3	0
Klickitat	1	+	2	+	1	+	1	+	1	+				
Lewis	9	+	10	+	1	+	7	+	0	0				
Lincoln	0	0	0	0	0	0	1	+	1	+				
Mason	20	31.7	12	+	8	+	8	+	12	+				
Okanogan	1	+	3	+	13	+	14	+	1	+				
Pacific	0	0	5	+	0	0	3	+	1	+				
Pend Oreille	10	+	3	+	3	+	2	+	0	0				
Pierce	409	47.6	482	55.3	561	63.2	445	49.4	403	43.4				
San Juan	0	0	1	+	2	+	0	0	2	+				
Skagit	57	45.9	42	33.2	50	38.7	34	26.1	27	20.8				
Skamania	2	+	0	0	2	+	0	0	0	0				
Snohomish	127	16.1	92	11.4	137	16.7	174	21.0	155	18.5				
Spokane	163	32.6	148	29.1	138	26.8	64	12.3	78	14.4				
Stevens	11	+	7	+	4	+	11	+	6	+				
Thurston	72	26.0	77	27.3	90	31.5	84	28.9	69	23.2				
Wahkiakum	0	0	1	+	0	0	0	0	1	+				
Walla Walla	25	40.7	7	+	19	30.5	7	+	6	+				
Whatcom	53	24.5	61	27.7	58	25.7	63	27.6	23	10.2				
Whitman	11	+	7	+	8	+	7	+	12	+				
Yakima	76	30.0	46	18.1	57	22.3	29	11.2	51	19.8				
State Totals*	2,058	28.2	1,612	21.7	1,740	23.1	1,375	18.0	1,189	15.3				

Note: Data prior to 2009 are based on year reported rather than year diagnosed.

*All incidence rates are cases per 100,000 population. Rate calculations for 2021 are preliminary and calculated using 2020 population data, pending release of more detailed 2021 population data by the Census Bureau.

+County incidence rates based on counts ≤16 are suppressed due to statistical instability.

Data source: PHIMS-STD 3/31/2022.

Note: Cases are included in this table if they are residing in Washington based on reported address at the time of diagnosis, are a reportable case in the relevant calendar year (January 1, XXXX - December 31, XXXX), and are given a valid DOH case classification of Probable or Confirmed as determined by the current CDC case definition.

Case counts reflect reported cases only, and may be artificially low for 2020 and 2021 due to the impacts of the COVID-19 pandemic on access to medical care, availability of routine STI screenings, and investigative resources.

Human Immunodeficiency Virus (HIV)[‡]

County	2017 Cases	2017 Rate*	2018 Cases	2018 Rate*	2019 Cases	2019 Rate*	2020 Cases	2020 Rate*	2021 Cases	2021 Rate*
Adams	0	0	0	0	1	-	1	-	0	0
Asotin	0	0	0	0	0	0	0	0	0	0
Benton	2	-	0	0	13	6.4	6	2.9	12	5.7
Chelan	1	-	3	-	2	-	1	-	5	6.3
Clallam	2	-	5	6.7	2	-	1	-	5	6.4
Clark	24	5.1	21	4.4	28	5.7	22	4.4	26	5.1
Columbia	1	-	0	0	0	0	0	0	0	0
Cowlitz	4	-	1	-	3	-	2	-	6	5.4
Douglas	1	-	1	-	2	-	2	-	0	0
Ferry	0	0	0	0	0	0	0	0	1	-
Franklin	1	-	5	5.4	6	6.3	4	-	6	6.1
Garfield	0	0	0	0	0	0	0	0	0	0
Grant	0	0	4	-	2	-	3	-	1	-
Grays Harbor	4	-	0	0	2	-	1	-	4	-
Island	3	-	2	-	5	5.9	3	-	0	0
Jefferson	0	0	1	-	0	0	0	0	0	0
King	178	8.3	226	10.3	189	8.5	167	7.4	182	8.0
Kitsap	9	3.4	9	3.4	9	3.3	4	-	5	1.8
Kittitas	0	0	1	-	2	-	1	-	0	0
Klickitat	1	-	0	0	0	0	1	-	0	0
Lewis	0	0	1	-	2	-	1	-	4	-
Lincoln	1	-	0	0	0	0	0	0	1	-
Mason	4	-	5	7.8	5	7.7	4	-	3	-
Okanogan	0	0	0	0	1	-	0	0	0	0
Pacific	0	0	1	-	0	0	0	0	0	0
Pend Oreille	0	0	0	0	1	-	0	0	0	0
Pierce	41	4.8	49	5.6	53	6.0	52	5.8	59	6.4
San Juan	0	0	0	0	0	0	0	0	0	0
Skagit	4	-	3	-	3	-	5	3.8	2	-
Skamania	0	0	0	0	0	0	0	0	0	0
Snohomish	27	3.4	20	2.5	29	3.5	23	2.8	30	3.6
Spokane	22	4.4	16	3.1	26	5.0	32	6.1	22	4.1
Stevens	0	0	0	0	0	0	2	-	0	0
Thurston	10	3.6	8	2.8	6	2.1	8	2.7	16	5.4
Wahkiakum	0	0	0	0	0	0	0	0	0	0
Walla Walla	2	-	1	-	0	0	1	-	1	-
Whatcom	8	3.7	3	-	5	2.2	3	-	3	-
Whitman	0	0	3	-	0	0	1	-	4	-
Yakima	26	10.3	10	3.9	9	3.5	6	2.3	8	3.1
State Totals	376	5.1	399	5.4	406	5.4	357	4.7	406	5.2

Statewide by Year[†]

Year	PLWH ^α	Rate*	Deaths**
2004	8,274	133.3	168
2005	8,692	138.0	207
2006	9,165	142.8	171
2007	9,649	147.9	174
2008	10,077	152.5	166
2009	10,455	156.7	176
2010	10,919	162.4	156
2011	11,154	164.8	160
2012	11,350	166.5	141
2013	11,695	169.9	154
2014	12,020	172.5	162
2015	12,477	176.7	139
2016	12,872	179.2	164
2017	13,376	183.0	164
2018	13,780	185.5	204
2019	13,984	185.3	172
2020	14,218	185.7	180
2021	14,517	186.9	N/A

[†]People Living with HIV Disease and related deaths.

^αPeople Living With HIV. Includes resident cases of HIV disease reported to the health department and presumed living in Washington at a specific point in time, regardless of where each case was diagnosed.

**Includes deaths by any cause.

[‡]Cases are presented by year of initial HIV diagnosis, regardless of diagnostic status (HIV or AIDS), and by county of residence at time of diagnosis.

Data reflects cases reported through 6/30/2021.

- New HIV case rates not calculated for fewer than 5 cases.

*All rates are cases per 100,000 population.

Note: Cases of HIV are included in this table if they are a resident of Washington at the time of initial diagnosis/report, are a reportable case in the relevant calendar year (January 1, XXXX – December 31, XXXX), and are given a valid DOH case classification of HIV and/or AIDS as determined by the CDC case definitions.

Legionellosis

Year	Cases	Rate*	Deaths
1985	7	0.2	2
1986	15	0.3	8
1987	24	0.5	3
1988	29	0.6	4
1989	30	0.6	5
1990	18	0.4	4
1991	15	0.3	5
1992	15	0.3	5
1993	12	0.2	2
1994	13	0.2	2
1995	22	0.4	6
1996	7	0.1	2
1997	11	0.2	0
1998	15	0.3	2
1999	21	0.4	4
2000	19	0.3	1
2001	10	0.2	1
2002	8	0.1	3
2003	14	0.2	1
2004	15	0.2	4
2005	18	0.3	1
2006	20	0.3	1
2007	24	0.4	2
2008	19	0.3	1
2009	29	0.4	2
2010	35	0.5	4
2011	43	0.6	4
2012	30	0.4	5
2013	52	0.8	5
2014	63	0.9	8
2015	58	0.8	2
2016	72	1.0	10
2017	56	0.8	6
2018	54	0.7	7
2019	76	1.0	6
2020	68	0.9	4
2021	85	1.1	8

*All rates are cases per 100,000 population.

Leptospirosis

Year	Cases	Rate*	Deaths
1986	0	0	0
1987	0	0	0
1988	0	0	0
1989	0	0	0
1990	0	0	0
1991	0	0	0
1992	0	0	0
1993	0	0	0
1994	0	0	0
1995	0	0	0
1996	2	0	0
1997	2	0	0
1998	0	0	0
1999	0	0	0
2000	0	0	0
2001	4	0	0
2002	0	0	0
2003	1	0	0
2004	0	0	0
2005	4	0	0
2006	1	0	0
2007	5	0	0
2008	1	0	0
2009	0	0	0
2010	1	0	0
2011	0	0	0
2012	2	0	0
2013	0	0	0
2014	0	0	0
2015	2	0	0
2016	2	0	0
2017	0	0	0
2018	3	0	0
2019	4	0	0
2020	2	0	0
2021	2	0	0

*All rates are cases per 100,000 population.

Listeriosis

Year	Cases	Rate*	Deaths
1985	21	0.5	1
1986	37	0.8	5
1987	36	0.8	6
1988	38	0.8	4
1989	21	0.4	2
1990	22	0.5	3
1991	18	0.4	6
1992	13	0.3	0
1993	21	0.4	2
1994	13	0.2	3
1995	24	0.4	1
1996	11	0.2	3
1997	17	0.3	1
1998	12	0.2	3
1999	19	0.3	5
2000	12	0.2	2
2001	15	0.3	1
2002	11	0.2	0
2003	13	0.2	3
2004	13	0.2	3
2005	14	0.2	3
2006	18	0.3	3
2007	25	0.4	2
2008	29	0.4	3
2009	24	0.4	4
2010	24	0.4	1
2011	19	0.3	2
2012	26	0.4	5
2013	21	0.3	1
2014	24	0.3	5
2015	21	0.3	3
2016	14	0.2	2
2017	17	0.2	3
2018	15	0.2	2
2019	18	0.2	5
2020	14	0.2	2
2021	20	0.3	9

*All rates are cases per 100,000 population.

Lyme Disease

Year	Cases	Rate*	Deaths
1986	1	0	0
1987	10	0.2	0
1988	12	0.3	0
1989	37	0.8	0
1990	33	0.7	0
1991	7	0.1	0
1992	14	0.3	0
1993	9	0.2	0
1994	4	0.1	0
1995	10	0.2	0
1996	18	0.3	0
1997	10	0.2	0
1998	7	0.1	0
1999	14	0.2	0
2000	9	0.2	0
2001	9	0.2	0
2002	12	0.2	0
2003	7	0.1	0
2004	14	0.2	0
2005	13	0.2	0
2006	8	0.1	0
2007	12	0.2	0
2008	23	0.3	0
2009	16	0.2	0
2010	16	0.2	0
2011	19	0.3	0
2012	15	0.2	0
2013	21	0.3	0
2014	15	0.2	0
2015	24	0.3	0
2016	31	0.4	0
2017	39	0.5	0
2018	20	0.3	0
2019	43	0.6	0
2020	20	0.3	0
2021	43	0.6	0

*All rates are cases per 100,000 population.

Malaria

Year	Cases	Rate*	Deaths
1983	15	0.3	0
1984	20	0.5	0
1985	34	0.8	0
1986	35	0.8	0
1987	28	0.6	0
1988	24	0.5	0
1989	44	0.9	0
1990	33	0.7	0
1991	29	0.6	0
1992	21	0.4	0
1993	41	0.8	0
1994	45	0.8	0
1995	23	0.4	0
1996	41	0.7	0
1997	49	0.9	0
1998	30	0.5	0
1999	43	0.7	0
2000	43	0.7	0
2001	19	0.3	0
2002	26	0.4	0
2003	34	0.6	0
2004	24	0.4	0
2005	24	0.4	0
2006	43	0.7	1
2007	30	0.5	0
2008	32	0.5	0
2009	26	0.4	1
2010	39	0.6	0
2011	24	0.4	0
2012	26	0.4	0
2013	30	0.4	0
2014	41	0.6	0
2015	23	0.3	0
2016	46	0.6	0
2017	34	0.5	0
2018	40	0.5	0
2019	31	0.4	0
2020	15	0.2	0
2020	15	0.2	0
2021	20	0.3	0

*All rates are cases per 100,000 population.

Measles

Statewide by Year

County	2017	2017	2018	2018	2019	2019	2020	2020	2021	2021	Year	Cases	Rate*	Deaths
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*				
Adams	0	0	0	0	0	0	0	0	0	0	1982	42	1.0	0
Asotin	0	0	0	0	0	0	0	0	0	0	1983	43	1.0	0
Benton	0	0	0	0	0	0	0	0	0	0	1984	178	4.1	0
Chelan	0	0	0	0	0	0	0	0	0	0	1985	178	4.0	0
Clallam	0	0	0	0	0	0	0	0	0	0	1986	176	3.9	0
Clark	0	0	1	+	71	14.5	0	0	0	0	1987	47	1.0	0
Columbia	0	0	0	0	0	0	0	0	0	0	1988	7	0.2	0
Cowlitz	0	0	0	0	0	0	0	0	0	0	1989	56	1.2	0
Douglas	0	0	0	0	0	0	0	0	0	0	1990	357	7.3	2
Ferry	0	0	0	0	0	0	0	0	0	0	1991	67	1.3	0
Franklin	0	0	0	0	0	0	0	0	0	0	1992	11	0.2	0
Garfield	0	0	0	0	0	0	0	0	0	0	1993	0	0	0
Grant	0	0	0	0	0	0	0	0	0	0	1994	5	0.1	0
Grays Harbor	0	0	0	0	0	0	0	0	0	0	1995	17	0.3	0
Island	0	0	0	0	0	0	0	0	0	0	1996	38	0.7	0
Jefferson	0	0	0	0	0	0	0	0	0	0	1997	2	0	0
King	2	+	1	+	16	0.7	1	+	0	0	1998	1	0	0
Kitsap	0	0	0	0	0	0	0	0	0	0	1999	5	0.1	0
Kittitas	0	0	0	0	0	0	0	0	0	0	2000	3	0.1	0
Klickitat	0	0	0	0	0	0	0	0	0	0	2001	15	0.3	0
Lewis	0	0	0	0	0	0	0	0	0	0	2002	1	0	0
Lincoln	0	0	0	0	0	0	0	0	0	0	2003	0	0	0
Mason	0	0	0	0	0	0	0	0	0	0	2004	7	0.1	0
Okanogan	0	0	0	0	0	0	0	0	0	0	2005	1	0	0
Pacific	0	0	0	0	0	0	0	0	0	0	2006	1	0	0
Pend Oreille	0	0	0	0	0	0	0	0	0	0	2007	3	0.1	0
Pierce	0	0	0	0	2	+	0	0	0	0	2008	19	0.3	0
San Juan	0	0	0	0	0	0	0	0	0	0	2009	1	0	0
Skagit	0	0	0	0	0	0	0	0	0	0	2010	1	0	0
Skamania	0	0	0	0	0	0	0	0	0	0	2011	4	0.1	0
Snohomish	0	0	6	0.7	1	+	0	0	0	0	2012	0	0	0
Spokane	0	0	0	0	0	0	0	0	0	0	2013	4	0.1	0
Stevens	0	0	0	0	0	0	0	0	0	0	2014	33	0.5	0
Thurston	0	0	0	0	0	0	0	0	0	0	2015	10	0.1	1
Wahkiakum	0	0	0	0	0	0	0	0	0	0	2016	0	0	0
Walla Walla	0	0	0	0	0	0	0	0	0	0	2017	3	0.1	0
Whatcom	0	0	0	0	0	0	0	0	0	0	2018	8	0.1	0
Whitman	1	+	0	0	0	0	0	0	0	0	2019	90	1.2	0
Yakima	0	0	0	0	0	0	0	0	0	0	2020	1	0	0
State Totals	3	0	8	0.1	90	1.2	1	0	0	0	2021	0	0	0

*All incidence rates are cases per 100,000 population.

+County incidence rates not calculated for <5 cases.

Meningococcal Disease

County	2017 Cases	2017 Rate*	2018 Cases	2018 Rate*	2019 Cases	2019 Rate*	2020 Cases	2020 Rate*	2021 Cases	2021 Rate*
Adams	0	0	0	0	0	0	0	0	0	0
Asotin	0	0	0	0	0	0	0	0	0	0
Benton	0	0	0	0	0	0	0	0	0	0
Chelan	0	0	0	0	0	0	0	0	0	0
Clallam	0	0	0	0	0	0	0	0	0	0
Clark	1	+	1	+	0	0	0	0	2	+
Columbia	0	0	0	0	0	0	0	0	0	0
Cowlitz	0	0	2	+	0	0	0	0	1	+
Douglas	0	0	0	0	0	0	0	0	0	0
Ferry	0	0	0	0	0	0	0	0	0	0
Franklin	0	0	0	0	1	+	0	0	0	0
Garfield	0	0	0	0	0	0	0	0	0	0
Grant	1	+	1	+	0	0	0	0	0	0
Grays Harbor	0	0	0	0	0	0	0	0	0	0
Island	0	0	0	0	1	+	0	0	0	0
Jefferson	0	0	0	0	0	0	0	0	0	0
King	2	+	5	0.2	4	+	4	+	0	0
Kitsap	1	+	0	0	0	0	0	0	0	0
Kittitas	0	0	0	0	0	0	0	0	0	0
Klickitat	0	0	0	0	0	0	0	0	0	0
Lewis	0	0	1	+	0	0	0	0	0	0
Lincoln	0	0	0	0	0	0	0	0	0	0
Mason	0	0	0	0	0	0	0	0	0	0
Okanogan	0	0	0	0	0	0	0	0	0	0
Pacific	0	0	0	0	0	0	1	+	0	0
Pend Oreille	0	0	0	0	0	0	0	0	0	0
Pierce	2	+	7	0.8	4	+	0	0	0	0
San Juan	0	0	0	0	0	0	0	0	0	0
Skagit	0	0	0	0	0	0	0	0	0	0
Skamania	0	0	0	0	0	0	0	0	0	0
Snohomish	1	+	0	0	1	+	0	0	0	0
Spokane	1	+	2	+	2	+	0	0	1	+
Stevens	0	0	0	0	0	0	0	0	0	0
Thurston	1	+	1	+	0	0	1	+	0	0
Wahkiakum	0	0	0	0	0	0	0	0	0	0
Walla Walla	0	0	0	0	0	0	0	0	0	0
Whatcom	1	+	0	0	1	+	1	+	0	0
Whitman	0	0	0	0	0	0	0	0	0	0
Yakima	0	0	0	0	0	0	0	0	0	0
State Totals	11	0.2	20	0.3	14	0.2	7	0.1	4	0.1

Statewide by Year

Year	Cases	Rate*	Deaths
1982	56	1.3	2
1983	48	1.1	3
1984	56	1.3	3
1985	67	1.5	6
1986	62	1.4	5
1987	87	1.9	4
1988	76	1.6	3
1989	96	2.0	12
1990	80	1.6	5
1991	73	1.5	8
1992	92	1.8	5
1993	97	1.8	6
1994	111	2.1	7
1995	126	2.3	7
1996	116	2.1	10
1997	115	2.0	11
1998	77	1.3	7
1999	93	1.6	4
2000	71	1.2	6
2001	71	1.2	6
2002	76	1.3	8
2003	61	1.0	7
2004	42	0.7	4
2005	53	0.8	4
2006	45	0.7	1
2007	32	0.5	8
2008	40	0.6	4
2009	26	0.4	3
2010	33	0.5	3
2011	22	0.3	0
2012	24	0.4	1
2013	20	0.3	3
2014	17	0.2	2
2015	10	0.1	1
2016	13	0.2	1
2017	11	0.2	1
2018	20	0.3	0
2019	14	0.2	0
2020	7	0.1	1
2021	4	0.1	1

*All incidence rates are cases per 100,000 population.

+County incidence rates not calculated for <5 cases.

Mumps

Year	Cases	Rate*	Deaths
1981	165	3.9	0
1982	102	2.4	0
1983	55	1.3	0
1984	56	1.3	0
1985	42	1	0
1986	30	0.7	0
1987	70	1.5	0
1988	44	1	0
1989	59	1.2	0
1990	66	1.4	0
1991	178	3.5	0
1992	18	0.4	0
1993	14	0.3	0
1994	23	0.4	0
1995	16	0.3	0
1996	26	0.5	0
1997	21	0.4	0
1998	11	0.2	0
1999	2	0	0
2000	10	0.2	0
2001	2	0	0
2002	0	0	0
2003	11	0.2	0
2004	2	0	0
2005	3	0	0
2006	42	0.7	0
2007	53	0.8	0
2008	14	0.2	0
2009	6	0.1	0
2010	7	0.1	0
2011	2	0	0
2012	2	0	0
2013	2	0	0
2014	9	0.1	0
2015	7	0.1	0
2016	152	2.1	0
2017	779	10.7	0
2018	58	0.8	0
2019	55	0.7	0
2020	4	0.1	0
2021	1	0	0

*All rates are cases per 100,000 population.

Pertussis

County	2017 Cases	2017 Rate*	2018 Cases^	2018 Rate*^	2019 Cases	2019 Rate*	2020 Cases	2020 Rate*	2021 Cases	2021 Rate*
Adams	1	+	0	0	0	0	0	0	0	0
Asotin	0	0	0	0	0	0	0	0	0	0
Benton	5	2.6	7	3.5	2	+	0	0	0	0
Chelan	3	+	10	12.9	3	+	0	0	0	0
Clallam	0	0	0	0	5	6.6	1	+	0	0
Clark	101	21.4	106	22.1	123	25.2	16	3.2	1	+
Columbia	0	0	0	0	0	0	0	0	0	0
Cowlitz	12	11.3	63	58.7	36	33	3	+	0	0
Douglas	1	+	3	+	1	+	1	+	0	0
Ferry	0	0	0	0	7	89.4	0	0	0	0
Franklin	3	+	5	5.4	1	+	0	0	0	0
Garfield	0	0	0	0	0	0	0	0	0	0
Grant	64	66.9	13	13.4	2	+	0	0	0	0
Grays Harbor	1	+	4	+	1	+	3	+	0	0
Island	2	+	2	+	5	5.9	6	7	0	0
Jefferson	2	+	0	0	0	0	0	0	0	0
King	121	5.6	103	4.7	54	2.4	29	1.3	3	+
Kitsap	10	3.8	6	2.2	6	2.2	5	1.8	0	0
Kittitas	5	11.2	16	35.1	0	0	0	0	0	0
Klickitat	0	0	0	0	0	0	1	+	0	0
Lewis	5	6.5	7	8.9	16	20.1	13	16.2	0	0
Lincoln	0	0	5	46.3	1	+	0	0	0	0
Mason	5	7.9	0	0	2	+	1	+	0	0
Okanogan	0	0	18	42.4	4	+	2	+	0	0
Pacific	0	0	0	0	0	0	1	+	0	0
Pend Oreille	0	0	1	+	2	+	1	+	0	0
Pierce	119	13.8	59	6.8	66	7.4	18	2	1	+
San Juan	1	+	0	0	0	0	0	0	0	0
Skagit	17	13.7	7	5.5	2	+	2	+	0	0
Skamania	0	0	1	+	0	0	0	0	1	+
Snohomish	47	6	43	5.3	19	2.3	10	1.2	1	+
Spokane	34	6.8	62	12.2	178	34.5	90	17.2	1	+
Stevens	0	0	0	0	9	19.7	1	+	0	0
Thurston	19	6.9	24	8.5	11	3.8	11	3.8	2	+
Wahkiakum	0	0	0	0	1	+	0	0	0	0
Walla Walla	1	+	2	+	4	+	0	0	0	0
Whatcom	95	43.9	53	24.1	33	14.6	25	11	4	+
Whitman	0	0	0	0	0	0	0	0	0	0
Yakima	66	26.1	11	4.3	4	1.6	3	1.2	1	+
State Totals	740	10.1	631	8.5	598	7.9	243	3.2	15	0.2

Statewide by Year

Year	Cases	Rate*	Deaths
1982	36	0.8	1
1983	20	0.5	0
1984	326	7.5	1
1985	92	2.1	0
1986	163	3.7	2
1987	110	2.4	0
1988	130	2.8	1
1989	201	4.3	0
1990	227	4.7	0
1991	149	3.0	0
1992	241	4.7	0
1993	96	1.8	0
1994	140	2.6	0
1995	491	9.0	0
1996	830	14.9	1
1997	481	8.5	0
1998	406	7.1	1
1999	739	12.7	0
2000	458	7.8	1
2001	184	3.1	0
2002	575	9.5	0
2003	844	13.8	0
2004	842	13.6	0
2005	1,026	16.3	0
2006	377	5.9	1
2007	482	7.4	0
2008	460	7.0	1
2009	291	4.4	0
2010	607	9.0	2
2011	962	14.2	2
2012	4,916	72.1	0
2013	748	10.9	0
2014	600	8.6	0
2015	1,383	19.6	0
2016	618	8.6	0
2017	740	10.1	0
2018	631^	8.5	0
2019	598	7.9	0
2020	243	3.2	0
2021	15	0.2	0

*All incidence rates are cases per 100,000 population.

+County incidence rates not calculated for <5 cases.

^Previously reported as 847 cases. Has now been amended to include four cases that are not included in the CDC's 2018 count for WA state. Additionally, the previous case count erroneously included 220 suspected cases, which have now been removed. The final corrected 2018 pertussis case count for WA is 631.

Plague

Year	Cases	Rate*	Deaths
1986	0	0	0
1987	0	0	0
1988	0	0	0
1989	0	0	0
1990	0	0	0
1991	0	0	0
1992	0	0	0
1993	0	0	0
1994	0	0	0
1995	0	0	0
1996	0	0	0
1997	0	0	0
1998	0	0	0
1999	0	0	0
2000	0	0	0
2001	0	0	0
2002	0	0	0
2003	0	0	0
2004	0	0	0
2005	0	0	0
2006	0	0	0
2007	0	0	0
2008	0	0	0
2009	0	0	0
2010	0	0	0
2011	0	0	0
2012	0	0	0
2013	0	0	0
2014	0	0	0
2015	0	0	0
2016	0	0	0
2017	0	0	0
2018	0	0	0
2019	0	0	0
2020	0	0	0
2021	0	0	0

*All rates are cases per 100,000 population.

Poliomyelitis

Year	Cases	Rate*	Deaths
1985	0	0	0
1986	0	0	0
1987	1 [‡]	0	0
1988	1 [‡]	0	0
1989	0	0	0
1990	0	0	0
1991	1 [‡]	0	0
1992	1 [‡]	0	0
1993	1 [‡]	0	0
1994	0	0	0
1995	0	0	0
1996	0	0	0
1997	0	0	0
1998	0	0	0
1999	0	0	0
2000	0	0	0
2001	0	0	0
2002	0	0	0
2003	0	0	0
2004	0	0	0
2005	0	0	0
2006	0	0	0
2007	0	0	0
2008	0	0	0
2009	0	0	0
2010	0	0	0
2011	0	0	0
2012	0	0	0
2013	0	0	0
2014	0	0	0
2015	0	0	0
2016	0	0	0
2017	0	0	0
2018	0	0	0
2019	0	0	0
2020	0	0	0
2021	0	0	0

*All rates are cases per 100,000 population.

[‡]Vaccine-associated cases.

Prion Disease, Human

Year	sCJD	Familial CJD	Iatrogenic CJD	VPSPr	GSS Syndrome	Total (Definite or Probable)
2008	17	0	0	0	0	17
2009	7	2	0	0	0	9
2010	7	1	0	0	0	8
2011	9	0	0	0	0	9
2012	14	1	0	1	0	16
2013	13	0	1	0	1	15
2014	11	1	0	0	0	12
2015	11	1	0	0	0	12
2016	17	1	0	0	0	18
2017	10	0	0	0	0	10
2018	15	0	0	0	0	15
2019	10	0	0	0	0	10
2020	19	0	0	0	0	19
2021	16	0	0	0	0	16

sCJD: Spontaneous CJD

GSS: Gerstmann-Straussler-Scheinker disease

VPSPr: Variably protease-sensitive prionopath

Note: RT-QuIC testing became standard in 2015 and integrated in the case definition in 2018.

Psittacosis

Year	Cases	Rate*	Deaths
1985	3	0.1	1
1986	7	0.2	0
1987	12	0.3	0
1988	8	0.2	0
1989	4	0.1	1
1990	5	0.1	0
1991	6	0.1	0
1992	13	0.3	0
1993	4	0.1	0
1994	4	0.1	0
1995	7	0.1	0
1996	4	0.1	0
1997	0	0	0
1998	3	0.1	0
1999	0	0	0
2000	1	0	0
2001	0	0	0
2002	0	0	0
2003	0	0	0
2004	0	0	0
2005	1	0	0
2006	0	0	0
2007	0	0	0
2008	0	0	0
2009	0	0	0
2010	0	0	0
2011	0	0	0
2012	0	0	0
2013	0	0	0
2014	0	0	0
2015	0	0	0
2016	0	0	0
2017	0	0	0
2018	0	0	0
2019	0	0	0
2020	0	0	0
2021	1	0	0

*All rates are cases per 100,000 population.

Q Fever

Year	Cases	Rate*	Deaths
1986	2	0	0
1987	1	0	1
1988	1	0	0
1989	0	0	0
1990	2	0	0
1991	0	0	0
1992	1	0	0
1993	0	0	0
1994	0	0	0
1995	1	0	0
1996	0	0	0
1997	0	0	0
1998	0	0	0
1999	1	0	0
2000	0	0	0
2001	0	0	0
2002	0	0	0
2003	0	0	0
2004	0	0	0
2005	2	0	0
2006	0	0	0
2007	1	0	0
2008	0	0	0
2009	1	0	0
2010	3	0	1
2011	8	0.1	0
2012	3	0	2
2013	3	0	0
2014	1	0	0
2015	3	0	0
2016	7	0.1	0
2017	2	0	0
2018	3	0	0
2019	3	0	0
2020	1	0	0
2021	3	0	1

*All rates are cases per 100,000 population.

Rabies (Human)

Year	Cases	Rate*	Deaths
1985	0	0	0
1986	0	0	0
1987	0	0	0
1988	0	0	0
1989	0	0	0
1990	0	0	0
1991	0	0	0
1992	0	0	0
1993	0	0	0
1994	0	0	0
1995	1	0	1
1996	0	0	0
1997	1	0	1
1998	0	0	0
1999	0	0	0
2000	0	0	0
2001	0	0	0
2002	0	0	0
2003	0	0	0
2004	0	0	0
2005	0	0	0
2006	0	0	0
2007	0	0	0
2008	0	0	0
2009	0	0	0
2010	0	0	0
2011	0	0	0
2012	0	0	0
2013	0	0	0
2014	0	0	0
2015	0	0	0
2016	0	0	0
2017	0	0	0
2018	0	0	0
2019	0	0	0
2020	0	0	0
2021	0	0	0

*All rates are cases per 100,000 population.

Rare Sexually Transmitted Infections

Year	Total	Chancroid	Granuloma inguinale	Lymphogranuloma venereum
1987	7	1	1	5
1988	1	0	0	1
1989	13	6	0	7
1990	3	1	1	1
1991	7	3	2	2
1992	4	2	0	2
1993	4	0	0	4
1994	4	1	0	3
1995	6	5	0	1
1996	2	1	0	1
1997	2	2	0	0
1998	1	1	0	0
1999	0	0	0	0
2000	1	0	0	1
2001	0	0	0	0
2002	1	1	0	0
2003	1	0	0	1
2004	0	0	0	0
2005	3	0	0	3
2006	0	0	0	0
2007	1	0	0	1
2008	5	1	0	4
2009	2	0	0	2
2010	3	1	0	2
2011	1	0	0	1
2012	0	0	0	0
2013	0	0	0	0
2014	0	0	0	0
2015	1	0	0	1
2016	1	0	0	1
2017	1	0	0	1
2018	2	1	0	1
2019	2	0	0	2
2020	0	0	0	0
2021	0	0	0	0

Data source: PHIMS-STD 3/31/2022.

Note: Cases are included in this table if they are residing in Washington based on reported address at the time of diagnosis, are a reportable case in the relevant calendar year (January 1, XXXX - December 31, XXXX), and are given a valid DOH case classification of Probable or Confirmed as determined by the current CDC case definition.

Case counts reflect reported cases only, and may be artificially low for 2020 and 2021 due to the impacts of the COVID-19 pandemic on access to medical care, availability of routine STI screenings, and investigative resources.

Relapsing Fever

Year	Cases	Rate*	Deaths
1986	2	0	0
1987	7	0.2	1
1988	5	0.1	0
1989	5	0.1	0
1990	4	0.1	0
1991	6	0.1	0
1992	6	0.1	0
1993	2	0	0
1994	9	0.2	0
1995	12	0.2	0
1996	8	0.1	0
1997	4	0.1	0
1998	5	0.1	0
1999	3	0.1	0
2000	5	0.1	1
2001	1	0	0
2002	7	0.1	0
2003	6	0.1	0
2004	6	0.1	0
2005	6	0.1	0
2006	2	0	0
2007	9	0.1	0
2008	4	0.1	0
2009	5	0.1	0
2010	7	0.1	0
2011	11	0.2	0
2012	6	0.1	0
2013	4	0.1	0
2014	7	0.1	0
2015	3	0.1	0
2016	1	0.1	0
2017	3	0	0
2018	9	0.1	0
2019	4	0.1	0
2020	2	0	0
2021	2	0	0

*All rates are cases per 100,000 population.

Rubella

Year	Cases	Rate*	Deaths
1982	58	1.4	0
1983	10	0.2	0
1984	2	0	0
1985	16	0.4	0
1986	15	0.3	0
1987	2	0	0
1988	0	0	0
1989	2	0	0
1990	6	0.1	0
1991	8	0.2	0
1992	8	0.2	0
1993	3	0.1	0
1994	0	0	0
1995	2	0	0
1996	15	0.3	0
1997	5	0.1	0
1998	5	0.1	0
1999	5	0.1	0
2000	8	0.1	0
2001	0	0	0
2002	2	0	0
2003	0	0	0
2004	0	0	0
2005	1	0	0
2006	0	0	0
2007	0	0	0
2008	0	0	0
2009	0	0	0
2010	1	0	0
2011	2	0	0
2012	0	0	0
2013	1	0	0
2014	0	0	0
2015	0	0	0
2016	0	0	0
2017	0	0	0
2018	0	0	0
2019	0	0	0
2020	0	0	0
2021	0	0	0

*All rates are cases per 100,000 population.

Salmonellosis

County	2017 Cases	2017 Rate*	2018 Cases	2018 Rate*	2019 Cases	2019 Rate*	2020 Cases	2020 Rate*	2021 Cases	2021 Rate*
Adams	2	+	2	+	1	+	0	0	2	+
Asotin	1	+	1	+	1	+	1	+	2	+
Benton	24	12.4	15	7.6	15	7.4	18	8.8	5	2.4
Chelan	3	+	9	11.6	6	7.7	14	17.6	7	8.8
Clallam	3	+	9	12	8	10.5	8	10.4	10	13
Clark	66	14	64	13.3	52	10.6	44	8.8	41	8.2
Columbia	1	+	0	0	0	0	1	+	0	0
Cowlitz	10	9.4	17	15.8	12	11	7	6.3	7	6.3
Douglas	2	+	1	+	1	+	4	+	5	11.4
Ferry	0	0	0	0	0	0	0	0	0	0
Franklin	5	5.5	6	6.5	7	7.4	7	7.2	2	+
Garfield	0	0	1	+	0	0	1	+	0	0
Grant	13	13.6	9	9.2	12	12.2	8	8	10	10
Grays Harbor	8	11	6	8.2	6	8.1	2	+	9	12
Island	7	8.5	6	7.2	9	10.6	11	12.9	11	12.9
Jefferson	2	+	2	+	3	+	9	28	2	+
King	242	11.2	310	14.2	248	11.1	172	7.6	176	7.8
Kitsap	21	8	19	7.1	18	6.7	33	12.1	20	7.3
Kittitas	9	20.1	1	+	1	+	8	16.6	3	+
Klickitat	3	+	2	+	2	+	1	+	3	+
Lewis	11	14.2	5	6.4	7	8.8	10	12.5	14	17.4
Lincoln	1	+	0	0	1	+	5	45.2	3	+
Mason	4	+	2	+	8	12.3	14	21.3	2	+
Okanogan	4	+	2	+	7	16.4	6	13.9	4	+
Pacific	2	+	0	0	3	+	2	+	1	+
Pend Oreille	0	0	0	0	0	0	1	+	0	0
Pierce	116	13.5	76	8.7	73	8.2	68	7.5	75	8.3
San Juan	0	0	2	+	1	+	4	+	1	+
Skagit	14	11.3	17	13.4	11	8.5	19	14.6	11	8.4
Skamania	0	0	2	+	1	+	0	0	0	0
Snohomish	80	10.1	94	11.7	80	9.8	79	9.5	75	9
Spokane	46	9.2	38	7.5	34	6.6	37	7.1	35	6.7
Stevens	6	13.5	2	+	5	11	4	+	4	+
Thurston	27	9.8	27	9.6	30	10.5	39	13.4	31	10.7
Wahkiakum	0	0	0	0	0	0	1	+	0	0
Walla Walla	6	9.8	5	8.1	13	20.9	15	24	14	22.4
Whatcom	18	8.3	27	12.3	22	9.8	27	11.8	21	9.2
Whitman	0	0	1	+	2	+	0	0	2	+
Yakima	53	20.9	48	18.9	34	13.3	23	8.9	32	12.4
State Totals	810	11.1	828	11.1	725	9.6	703	9.2	640	8.4

Statewide by Year

Year	Cases	Rate*	Deaths
1982	749	17.5	0
1983	739	17.2	0
1984	515	11.8	0
1985	565	12.8	0
1986	783	17.5	2
1987	660	14.6	1
1988	612	13.3	0
1989	630	13.3	2
1990	634	13.0	6
1991	791	15.8	1
1992	609	11.8	1
1993	830	15.8	0
1994	863	16.1	0
1995	691	12.6	0
1996	734	13.2	0
1997	675	11.9	0
1998	703	12.2	2
1999	792	13.6	2
2000	659	11.2	1
2001	681	11.4	2
2002	655	10.8	0
2003	699	11.4	1
2004	660	10.6	2
2005	626	9.9	0
2006	627	9.8	3
2007	758	11.6	2
2008	846	12.8	3
2009	820	12.3	2
2010	780	11.6	3
2011	589	8.7	2
2012	842	12.4	0
2013	671	9.7	1
2014	741	10.6	2
2015	1,034	14.6	1
2016	754	10.5	2
2017	810	11.1	4
2018	828	11.1	3
2019	725	9.6	0
2020	703	9.2	5
2021	640	8.4	2

*All incidence rates are cases per 100,000 population.

+County incidence rates not calculated for <5 cases.

Shellfish Poisoning: Paralytic, Domoic Acid, Diarrhetic

Year	Cases	Rate*	Deaths
1986	0	0.0	0
1987	0	0	0
1988	7	0.2	0
1989	0	0.0	0
1990	0	0	0
1991	0	0	0
1992	0	0	0
1993	0	0	0
1994	0	0	0
1995	0	0	0
1996	0	0	0
1997	0	0	0
1998	5	0.1	0
1999	0	0.0	0
2000	7	0.1	0
2001	0	0.0	0
2002	0	0	0
2003	0	0	0
2004	0	0	0
2005	1	0	0
2006	1	0	0
2007	0	0	0
2008	0	0	0
2009	0	0	0
2010	0	0	0
2011	0	0	0
2012	9	0.1	0
2013	0	0.0	0
2014	0	0	0
2015	1	0	0
2016	0	0	0
2017	0	0	0
2018	0	0	0
2019	0	0	0
2020	0	0	0
2021	0	0	0

*All rates are cases per 100,000 population.

Shiga Toxin-Producing *Escherichia Coli* (STEC)

County	2017 Cases	2017 Rate*	2018 Cases	2018 Rate*	2019 Cases	2019 Rate*	2020 Cases	2020 Rate*	2021 Cases	2021 Rate*
Adams	0	0	1	+	0	0	1	+	1	+
Asotin	1	+	0	0	1	+	0	0	1	+
Benton	11	5.7	10	5.1	15	7.4	5	2.4	9	4.4
Chelan	2	+	4	+	0	0	2	+	5	6.3
Clallam	4	+	2	+	2	+	2	+	0	0
Clark	38	8.1	27	5.6	25	5.1	25	5	30	6
Columbia	0	0	0	0	2	+	0	0	0	0
Cowlitz	6	5.7	5	4.7	3	+	2	+	1	+
Douglas	0	0	2	+	1	+	0	0	1	+
Ferry	0	0	1	+	0	0	0	0	2	+
Franklin	0	0	6	6.5	4	+	4	+	5	5.2
Garfield	0	0	1	+	0	0	0	0	0	0
Grant	7	7.3	5	5.1	6	6.1	3	+	7	7
Grays Harbor	1	+	2	+	1	+	3	+	4	+
Island	2	+	4	+	6	7.1	2	+	5	5.8
Jefferson	3	+	5	15.8	1	+	4	+	1	+
King	129	6	198	9	197	8.8	101	4.5	176	7.8
Kitsap	6	2.3	11	4.1	5	1.9	7	2.6	6	2.2
Kittitas	9	20.1	4	+	5	10.7	6	12.5	13	27
Klickitat	2	+	1	+	2	+	0	0	4	+
Lewis	3	+	6	7.7	4	+	7	8.7	2	+
Lincoln	1	+	0	0	0	0	1	+	1	+
Mason	2	+	2	+	2	+	0	0	3	+
Okanogan	2	+	3	+	4	+	2	+	0	0
Pacific	1	+	0	0	1	+	0	0	1	+
Pend Oreille	0	0	1	+	0	0	0	0	0	0
Pierce	41	4.8	45	5.2	37	4.2	18	2	30	3.3
San Juan	1	+	4	+	3	+	0	0	1	+
Skagit	9	7.3	18	14.2	12	9.3	8	6.1	10	7.7
Skamania	0	0	0	0	0	0	0	0	1	+
Snohomish	32	4.1	49	6.1	53	6.5	39	4.7	51	6.1
Spokane	22	4.4	26	5.1	21	4.1	26	5	18	3.4
Stevens	0	0	2	+	3	+	2	+	3	+
Thurston	16	5.8	31	11	21	7.3	12	4.1	15	5.2
Wahkiakum	0	0	0	0	1	+	0	0	0	0
Walla Walla	1	+	4	+	2	+	3	+	7	11.2
Whatcom	24	11.1	16	7.3	10	4.4	3	+	16	7
Whitman	0	0	1	+	0	0	1	+	1	+
Yakima	28	11.1	43	16.9	15	5.9	19	7.4	29	11.2
State Totals	404	5.5	540	7.3	465	6.2	308	4	460	6

Statewide by Year

Year	Cases	Rate*	Deaths
1988	167	3.6	0
1989	157	3.3	1
1990	220	4.5	0
1991	164	3.3	0
1992	300	5.8	2
1993	741	14.1	3
1994	174	3.2	2
1995	140	2.6	1
1996	187	3.4	1
1997	149	2.6	0
1998	144	2.5	0
1999	186	3.2	0
2000	237	4.0	0
2001	150	2.5	0
2002	166	2.7	0
2003	128	2.1	0
2004	153	2.5	3
2005	149	2.4	0
2006	162	2.5	0
2007	141	2.2	0
2008	189	2.9	1
2009	206	3.1	0
2010	226	3.4	1
2011	203	3.0	1
2012	239	3.5	0
2013	330	4.8	3
2014	229	4.3	2
2015	419	5.9	1
2016	340	4.7	0
2017	404	5.5	1
2018	540	7.3	2
2019	465	6.2	2
2020	308	4.0	2
2021	460	6.0	3

*All incidence rates are cases per 100,000 population.

+County incidence rates not calculated for <5 cases.

Shigellosis

County	2017 Cases	2017 Rate*	2018 Cases	2018 Rate*	2019 Cases	2019 Rate*	2020 Cases	2020 Rate*	2021 Cases	2021 Rate*
Adams	4	+	3	+	2	+	0	0	0	0
Asotin	1	+	0	0	0	0	0	0	0	0
Benton	5	2.6	6	3	10	5	4	+	6	0.1
Chelan	2	+	3	+	1	+	2	+	1	+
Clallam	2	+	2	+	6	7.9	3	+	3	+
Clark	14	3	13	2.7	12	2.5	11	2.2	19	0.2
Columbia	0	0	0	0	0	0	0	0	0	0
Cowlitz	0	0	2	+	0	0	4	+	2	+
Douglas	1	+	1	+	0	0	0	0	0	0
Ferry	0	0	0	0	0	0	0	0	0	0
Franklin	0	0	2	+	2	+	0	0	4	+
Garfield	0	0	0	0	0	0	0	0	0	0
Grant	1	+	3	+	2	+	0	0	1	+
Grays Harbor	6	8.2	3	+	0	0	0	0	0	0
Island	1	+	1	+	1	+	0	0	4	+
Jefferson	1	+	2	+	1	+	0	0	2	+
King	160	7.4	268	12.2	178	8	131	5.8	293	3.8
Kitsap	5	1.9	7	2.6	6	2.2	1	+	7	0.1
Kittitas	0	0	1	+	1	+	0	0	0	0
Klickitat	0	0	0	0	1	+	1	+	0	0
Lewis	0	0	0	0	2	+	2	+	1	+
Lincoln	0	0	0	0	0	0	0	0	0	0
Mason	0	0	1	+	2	+	2	+	1	+
Okanogan	2	+	0	0	1	+	0	0	0	0
Pacific	0	0	0	0	1	+	0	0	0	0
Pend Oreille	0	0	0	0	0	0	0	0	0	0
Pierce	22	2.6	20	2.3	27	3	16	1.8	34	0.4
San Juan	0	0	0	0	1	+	0	0	1	+
Skagit	9	7.3	7	5.5	3	+	3	+	9	0.1
Skamania	0	0	0	0	1	+	1	+	0	0
Snohomish	19	2.4	35	4.3	21	2.6	20	2.4	38	0.5
Spokane	8	1.6	7	1.4	7	1.4	3	+	3	+
Stevens	0	0	2	+	0	0	1	+	0	0
Thurston	3	+	9	3.2	8	2.8	15	5.2	10	0.1
Wahkiakum	0	0	0	0	0	0	0	0	0	0
Walla Walla	1	+	0	0	6	9.6	0	0	2	+
Whatcom	5	2.3	2	+	3	+	2	+	2	+
Whitman	0	0	1	+	1	+	0	0	0	0
Yakima	13	5.1	18	7.1	7	2.7	3	+	7	0.1
State Totals	285	3.9	419	5.6	314	4.2	225	2.9	450	5.9

Statewide by Year

Year	Cases	Rate*	Deaths
1982	284	6.6	0
1983	370	8.6	0
1984	224	5.1	0
1985	144	3.3	0
1986	321	7.2	0
1987	318	7.0	0
1988	306	6.6	0
1989	232	4.9	0
1990	278	5.7	0
1991	405	8.1	0
1992	439	8.5	0
1993	797	15.1	0
1994	478	8.9	0
1995	426	7.8	0
1996	333	6.0	1
1997	318	5.6	0
1998	277	4.8	0
1999	172	2.9	0
2000	501	8.5	0
2001	236	4.0	0
2002	230	3.8	0
2003	188	3.1	0
2004	133	2.1	0
2005	185	2.9	0
2006	170	2.6	0
2007	159	2.4	0
2008	116	1.8	0
2009	153	2.3	0
2010	112	1.7	0
2011	104	1.5	0
2012	133	2.0	0
2013	122	1.8	0
2014	157	2.3	0
2015	152	2.2	0
2016	191	2.7	0
2017	285	3.9	0
2018	419	5.6	0
2019	314	4.2	1
2020	225	2.9	0
2021	450	5.9	0

*All incidence rates are cases per 100,000 population.

+County incidence rates not calculated for <5 cases.

Syphilis (Primary and Secondary)

Statewide by Year

County	2017	2017	2018	2018	2019	2019	2020	2020	2021	2021	Year	Cases	Rate*	Deaths	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Case	Rate*	Case	Rate*					
Adams	1	+	0	0	2	+	1	+	2	+	1990	354	7.3	0	
Asotin	1	+	0	0	0	0	1	+	0	0	1991	178	3.5	0	
Benton	6	+	9	+	24	11.9	31	15.1	35	17.0	1992	85	1.7	0	
Chelan	3	+	2	+	3	+	0	0	6	+	1993	67	1.3	0	
Clallam	5	+	2	+	2	+	1	+	6	+	1994	36	0.7	0	
Clark	33	7	33	6.9	37	7.6	62	12.4	76	15.0	1995	17	0.3	0	
Columbia	0	0	1	+	0	0	0	0	1	+	1996	9	0.2	0	
Cowlitz	21	19.8	27	25.2	20	18.4	5	+	15	+	1997	17	0.3	0	
Douglas	0	0	1	+	1	+	1	+	3	+	1998	44	0.8	0	
Ferry	0	0	0	0	0	0	0	0	0	0	1999	77	1.3	0	
Franklin	2	+	4	+	11	+	14	+	16	+	2000	66	1.1	0	
Garfield	0	0	0	0	0	0	0	0	0	0	2001	57	1.0	0	
Grant	4	+	2	+	7	+	8	+	10	+	2002	70	1.2	0	
Grays Harbor	3	+	13	+	8	+	13	+	21	27.6	2003	82	1.3	0	
Island	2	+	1	+	1	+	1	+	5	+	2004	150	2.4	0	
Jefferson	1	+	1	+	0	0	0	0	1	+	2005	152	2.4	0	
King	323	15	397	+	346	15.5	335	14.8	602	26.3	2006	182	2.8	0	
Kitsap	18	6.8	24	+	22	8.1	10	+	27	9.7	2007	168	2.6	0	
Kittitas	3	+	0	0	2	+	1	+	2	+	2008	181	2.7	0	
Klickitat	1	+	2	+	0	0	0	0	2	+	2009	135	2.0	0	
Lewis	5	+	6	+	10	+	6	+	12	+	2010	261	3.9	0	
Lincoln	0	0	0	0	0	0	0	0	0	0	2011	329	4.9	0	
Mason	5	+	10	+	8	+	8	+	11	+	2012	300	4.4	0	
Okanogan	2	+	4	+	0	0	1	+	5	+	2013	285	4.1	0	
Pacific	1	+	1	+	0	0	1	+	2	+	2014	337	4.8	0	
Pend Oreille	1	+	2	+	0	0	0	0	2	+	2015	452	6.5	0	
Pierce	63	7.3	66	+	92	10.4	111	12.3	241	26.0	2016	566	7.9	0	
San Juan	1	+	0	0	1	+	1	+	2	+	2017	674	9.2	0	
Skagit	2	+	3	+	6	+	10	+	16	+	2018	809	10.9	0	
Skamania	0	0	0	0	1	+	0	0	1	+	2019	830	11.0	0	
Snohomish	53	6.7	43	+	47	5.7	62	7.5	91	10.9	2020	837	10.9	0	
Spokane	78	15.6	104	+	129	25.0	80	15.3	112	20.7	2021	1,488	19.2	0	
Stevens	0	0	4	+	2	+	4	+	1	+					
Thurston	8	+	18	+	26	9.1	30	10.3	45	15.1					
Wahkiakum	1	+	0	0	0	0	0	0	0	0					
Walla Walla	5	+	6	+	0	0	1	+	15	+					
Whatcom	6	+	9	+	11	+	13	+	17	7.5					
Whitman	2	+	2	+	3	+	3	+	2	+					
Yakima	14	+	12	+	8	+	22	8.5	83	32.2					
State Totals	674	9.2	809	10.9	830	11.0	837	10.9	1488	19.2					

Note: Data prior to 2009 are based on year reported rather than year diagnosed.

*All incidence rates are cases per 100,000 population. Rate calculations for 2021 are preliminary and calculated using 2020 population data, pending release of more detailed 2021 population data by the Census Bureau.

+County incidence rates based on counts ≤16 are suppressed due to statistical instability.

Data source: PHIMS-STD 3/31/2022.

Note: Cases are included in this table if they are residing in Washington based on reported address at the time of diagnosis, are a reportable case in the relevant calendar year (January 1, XXXX - December 31, XXXX), and are given a valid DOH case classification of Probable or Confirmed as determined by the current CDC case definition.

Case counts reflect reported cases only, and may be artificially low for 2020 and 2021 due to the impacts of the COVID-19 pandemic on access to medical care, availability of routine STI screenings, and investigative resources.

Tetanus

Year	Cases	Rate*	Deaths
1985	0	0	0
1986	0	0	0
1987	1	0	0
1988	1	0	0
1989	1	0	0
1990	1	0	0
1991	1	0	0
1992	3	0.1	0
1993	1	0	0
1994	1	0	0
1995	0	0	0
1996	1	0	0
1997	1	0	0
1998	0	0	0
1999	0	0	0
2000	1	0	0
2001	0	0	0
2002	0	0	0
2003	0	0	0
2004	0	0	0
2005	1	0	0
2006	0	0	0
2007	0	0	0
2008	0	0	0
2009	0	0	0
2010	0	0	0
2011	0	0	0
2012	1	0	0
2013	0	0	0
2014	3	0	1
2015	0	0	0
2016	0	0	0
2017	0	0	0
2018	1	0	0
2019	2	0	0
2020	1	0	0
2021	2	0	0

*All rates are cases per 100,000 population.

Trichinosis

Year	Cases	Rate*	Deaths
1986	0	0	0
1987	0	0	0
1988	0	0	0
1989	2	0	0
1990	1	0	0
1991	0	0	0
1992	1	0	0
1993	1	0	0
1994	0	0	0
1995	0	0	0
1996	0	0	0
1997	0	0	0
1998	0	0	0
1999	0	0	0
2000	1	0	0
2001	0	0	0
2002	0	0	0
2003	0	0	0
2004	0	0	0
2005	0	0	0
2006	1	0	0
2007	0	0	0
2008	0	0	0
2009	0	0	0
2010	0	0	0
2011	0	0	0
2012	0	0	0
2013	0	0	0
2014	2	0	0
2015	1	0	0
2016	0	0	0
2017	1	0	0
2018	0	0	0
2019	0	0	0
2020	0	0	0
2021	0	0	0

*All rates are cases per 100,000 population.

Tuberculosis (TB)

County	2017 Cases	2017 Rate*	2018 Cases	2018 Rate*	2019 Cases	2019 Rate*	2020 Cases	2020 Rate*	2021 Cases	2021 Rate*
Adams	0	0	1	+	0	0	1	+	0	0
Asotin	0	0	0	0	0	0	0	0	0	0
Benton	4	+	2	+	2	+	2	+	1	+
Chelan	0	0	2	+	0	0	1	+	2	+
Clallam	1	+	0	0	0	0	0	0	1	+
Clark	10	2.1	7	1.5	8	1.6	9	1.8	8	1.6
Columbia	0	0	0	0	0	0	0	0	0	0
Cowlitz	0	0	1	+	2	+	1	+	1	+
Douglas	1	+	0	0	0	0	0	0	1	+
Ferry	0	0	0	0	0	0	1	+	0	0
Franklin	1	+	3	+	2	+	0	0	0	0
Garfield	0	0	0	0	0	0	0	0	0	0
Grant	1	+	0	0	0	0	0	0	0	0
Grays Harbor	1	+	0	0	2	+	0	0	1	+
Island	0	0	2	+	0	0	0	0	0	0
Jefferson	0	0	0	0	0	0	0	0	1	+
King	97	4.5	94	4.3	132	5.9	90	4.0	103	4.5
Kitsap	5	1.9	1	+	3	+	2	+	2	+
Kittitas	0	0	1	+	0	0	0	0	0	0
Klickitat	0	0	0	0	0	0	0	0	1	+
Lewis	2	+	2	+	0	0	1	+	1	+
Lincoln	0	0	0	0	0	0	0	0	0	0
Mason	2	+	0	0	0	0	0	0	0	0
Okanogan	3	+	0	0	0	0	0	0	0	0
Pacific	0	0	1	+	0	0	0	0	0	0
Pend Oreille	0	0	0	0	0	0	0	0	0	0
Pierce	17	2.0	19	2.2	23	2.6	15	1.6	19	2.0
San Juan	0	0	0	0	0	0	0	0	0	0
Skagit	2	+	1	+	0	0	1	+	2	+
Skamania	0	0	0	0	0	0	0	0	0	0
Snohomish	29	3.7	21	2.6	24	2.9	21	2.5	27	3.2
Spokane	2	+	11	2.2	9	1.7	5	0.9	8	1.5
Stevens	0	0	0	0	0	0	0	0	0	0
Thurston	3	+	5	1.8	1	+	5	1.7	7	2.4
Wahkiakum	0	0	0	0	0	0	0	0	0	0
Walla Walla	0	0	0	0	1	+	0	0	0	0
Whatcom	6	2.8	5	2.3	4	+	6	2.6	2	+
Whitman	0	0	0	0	0	0	0	0	0	0
Yakima	7	2.8	5	2	5	2.0	2	+	9	3.5
Unassigned**	13	NA	6	NA	3	NA	0	NA	2	NA
State Totals‡	207	2.8	190	2.6	221	2.9	163	2.1	199	2.6

Statewide by Year

Year	Cases	Rate* Deaths	Deaths
1981	401	9.5	15
1982	301	7.0	6
1983	239	5.5	10
1984	207	4.8	6
1985	220	5.0	5
1986	218	4.9	3
1987	255	5.6	10
1988	236	5.1	9
1989	248	5.2	4
1990	284	5.8	12
1991	309	6.2	7
1992	306	6.0	7
1993	283	5.5	7
1994	260	4.9	6
1995	277	5.1	2
1996	283	5.2	3
1997	305	5.5	6
1998	265	4.7	5
1999	258	4.5	5
2000	258	4.4	2
2001	261	4.4	6
2002	252	4.2	4
2003	250	4.1	11
2004	245	3.9	9
2005	255	4.0	14
2006	262	4.1	18
2007	291	4.5	12
2008	228	3.5	2
2009	255	3.8	5
2010	233	3.5	8
2011	197	2.9	6
2012	185	2.7	6
2013	210	3.1	6
2014	194	2.8	4
2015	207	2.9	5
2016	204	2.8	9
2017	207	2.8	4
2018	190	2.6	10
2019	221	2.9	7
2020	163	2.1	6
2021	199	2.6	10

TB-related deaths prior to 2009 are reported here as per year of death in the TB surveillance record. TB-related deaths 2009 and later are reported here as per year case was counted.

*All incidence rates are cases per 100,000 population. Based on county where diagnostic evaluation was initiated.

+Due to rate instability, rates are not reported for case counts <5.

**Cases counted by state or federal corrections and/or the Department of Health. Rates not calculated (NA).

‡Includes cases entered at the state level into the Washington Disease Reporting System (WDRS).

Tularemia

Year	Cases	Rate*	Deaths
1986	1	0	0
1987	4	0.1	0
1988	1	0	0
1989	2	0	0
1990	4	0.1	0
1991	2	0	0
1992	2	0	0
1993	2	0	0
1994	1	0	0
1995	4	0.1	0
1996	2	0	0
1997	2	0	0
1998	8	0.1	0
1999	2	0	0
2000	2	0	0
2001	5	0.1	0
2002	3	0	0
2003	2	0	0
2004	4	0.1	0
2005	10	0.2	0
2006	1	0	0
2007	1	0	0
2008	4	0.1	0
2009	5	0.1	1
2010	3	0	0
2011	5	0.1	0
2012	5	0.1	0
2013	5	0.1	0
2014	4	0.1	0
2015	4	0.1	0
2016	1	0	0
2017	6	0.1	0
2018	4	0.1	0
2019	4	0.1	0
2020	5	0.1	1
2021	3	0	0

*All rates are cases per 100,000 population.

Typhoid Fever

Year	Cases	Rate*	Deaths
1985	3	0.1	0
1986	3	0.1	0
1987	9	0.2	0
1988	13	0.3	0
1989	11	0.2	0
1990	22	0.5	0
1991	10	0.2	0
1992	11	0.2	0
1993	8	0.2	0
1994	12	0.2	0
1995	4	0.1	0
1996	4	0.1	0
1997	7	0.1	0
1998	8	0.1	0
1999	8	0.1	0
2000	6	0.1	0
2001	7	0.1	0
2002	7	0.1	0
2003	4	0.1	0
2004	6	0.1	0
2005	11	0.2	0
2006	7	0.1	0
2007	7	0.1	0
2008	15	0.2	0
2009	4	0.1	0
2010	22	0.3	0
2011	9	0.1	0
2012	11	0.2	0
2013	11	0.2	0
2014	15	0.2	0
2015	10	0.1	0
2016	13	0.2	0
2017	14	0.2	0
2018	12	0.2	0
2019	26	0.3	0
2020	10	0.1	0
2021	15	0.2	0

*All rates are cases per 100,000 population.

Vibriosis

Year	Cases	Rate*	Deaths
1985	4	0.1	0
1986	7	0.2	0
1987	18	0.4	0
1988	11	0.2	0
1989	4	0.1	0
1990	30	0.6	0
1991	4	0.1	0
1992	7	0.1	0
1993	33	0.6	0
1994	9	0.2	0
1995	6	0.1	0
1996	3	0.1	0
1997	58	1.0	0
1998	41	0.7	0
1999	21	0.4	0
2000	20	0.3	0
2001	9	0.2	0
2002	25	0.4	0
2003	18	0.3	0
2004	28	0.5	0
2005	20	0.3	0
2006	80	1.2	0
2007	25	0.4	0
2008	29	0.4	0
2009	48	0.7	0
2010	59	0.9	0
2011	45	0.7	0
2012	67	1.0	0
2013	90	1.3	0
2014	92	1.3	0
2015	68	1.0	0
2016	63	0.9	1
2017	95	1.3	0
2018	217	2.9	1
2019	159	2.1	0
2020	90	1.2	0
2021	160	2.1	1

*All rates are cases per 100,000 population.

Yersiniosis

Statewide by Year

County	2017 Cases	2017 Rate*	2018 Cases	2018 Rate*	2019 Cases	2019 Rate*	2020 Cases	2020 Rate*	2021 Cases	2021 Rate*
Adams	0	0	0	0	0	0	1	+	0	0
Asotin	0	0	0	0	0	0	0	0	0	0
Benton	0	0	0	0	1	+	1	+	3	+
Chelan	0	0	0	0	0	0	0	0	0	0
Clallam	0	0	0	0	0	0	1	+	1	+
Clark	4	+	7	1.5	7	1.4	2	+	1	+
Columbia	1	+	0	0	0	0	0	0	0	0
Cowlitz	1	+	0	0	0	0	2	+	0	0
Douglas	0	0	0	0	0	0	0	0	0	0
Ferry	0	0	0	0	0	0	0	0	0	0
Franklin	0	0	1	+	0	0	0	0	1	+
Garfield	0	0	0	0	0	0	0	0	0	0
Grant	0	0	0	0	2	+	0	0	0	0
Grays Harbor	1	+	1	+	0	0	0	0	0	0
Island	0	0	2	+	1	+	1	+	0	0
Jefferson	3	+	0	0	1	+	4	+	1	+
King	42	2	39	1.8	59	2.7	35	1.5	47	2.1
Kitsap	4	+	3	+	2	+	1	+	2	+
Kittitas	1	+	0	0	0	0	0	0	1	+
Klickitat	0	0	0	0	0	0	0	0	0	0
Lewis	1	+	0	0	1	+	1	+	1	+
Lincoln	1	+	0	0	0	0	0	0	0	0
Mason	2	+	1	+	0	0	1	+	0	0
Okanogan	0	0	0	0	0	0	0	0	0	0
Pacific	0	0	0	0	0	0	0	0	0	0
Pend Oreille	0	0	0	0	0	0	0	0	0	0
Pierce	5	0.6	5	0.6	4	+	6	0.7	5	0.6
San Juan	0	0	2	+	0	0	1	+	0	0
Skagit	1	+	2	+	3	+	1	+	6	4.6
Skamania	0	0	0	0	0	0	0	0	1	+
Snohomish	9	1	8	1	16	2.0	8	1.0	15	1.8
Spokane	3	+	2	+	1	+	2	+	1	+
Stevens	0	0	0	0	2	+	0	0	0	0
Thurston	0	0	2	+	2	+	2	+	4	+
Wahkiakum	0	0	0	0	0	0	0	0	0	0
Walla Walla	1	+	1	+	2	+	0	0	0	0
Whatcom	1	+	2	+	2	+	2	+	1	+
Whitman	0	0	0	0	0	0	0	0	0	0
Yakima	0	0	1	+	0	0	0	0	1	+
State Totals	81	1.1	79	1.1	106	1.4	72	0.9	92	1.2

Year	Cases	Rate*	Deaths
1988	15	0.3	0
1989	40	0.8	0
1990	37	0.8	0
1991	28	0.6	0
1992	34	0.7	0
1993	50	0.9	0
1994	40	0.7	0
1995	50	0.9	0
1996	37	0.7	0
1997	30	0.5	0
1998	39	0.7	0
1999	32	0.5	0
2000	33	0.6	0
2001	23	0.4	0
2002	26	0.4	0
2003	28	0.5	0
2004	34	0.5	0
2005	19	0.3	0
2006	22	0.3	0
2007	28	0.4	0
2008	19	0.3	1
2009	15	0.2	0
2010	25	0.4	0
2011	21	0.3	0
2012	36	0.5	0
2013	34	0.5	0
2014	36	0.5	0
2015	40	0.6	0
2016	56	0.8	0
2017	81	1.1	0
2018	79	1.1	0
2019	106	1.4	0
2020	72	0.9	0
2021	92	1.2	0

*All incidence rates are cases per 100,000 population.

+County incidence rates not calculated for <5 cases.

Appendix I: Other Tables

Foodborne Disease Outbreaks 2021

#	Local Health Jurisdiction	Month of 1 st Illness Onset	Illness Agent	# Washington State Cases*	Total # Outbreak Cases^	Implicated Food	Contributing Factors	Setting
1	Kitsap	January	Norovirus	3	3	Raw Oysters	C7 - Contaminated raw product—food was intended to be consumed raw or undercooked/underprocessed (e.g., raw shellfish, produce, eggs)	Various
2	Multistate	January	<i>Giardia lamblia</i>	1	2	Raw Oysters	C7 - Contaminated raw product—food was intended to be consumed raw or undercooked/underprocessed (e.g., raw shellfish, produce, eggs)	Various
3	Multistate	January	<i>Listeria monocytogenes</i>	2	12	Leafy greens suspected	Unknown/Undetermined	Various
4	Benton-Franklin	February	Norovirus	43	43	Multiple	C10 - Bare-hand contact by a food handler/worker/preparer who is suspected to be infectious (e.g., with ready-to-eat-food)	Hospital
5	Multistate	February	<i>E. coli</i> O121:H19	1	16	Cake mix	C6 - Contaminated raw product—food was intended to be consumed after a kill step, P1 - Food preparation practices that support proliferation of pathogens (during food preparation), S1 - Insufficient time and/or temperature during cooking/heat processing (e.g., roasted meats/poultry, canned foods, pasteurization)	Various

*In prior years, this column was labeled “Total # Cases.”

^Includes cases from other states that are part of the outbreak.

#	Local Health Jurisdiction	Month of 1 st Illness Onset	Illness Agent	# Washington State Cases*	Total # Outbreak Cases^	Implicated Food	Contributing Factors	Setting
6	Benton-Franklin	March	Norovirus	28	28	Multiple	C11 - Glove-hand contact by a food handler/worker/preparer who is suspected to be infectious (e.g., with ready-to-eat-food)	Long-term care/nursing home/assisted living facility
7	King, Snohomish, Benton, Clark, Walla Walla	March	<i>Campylobacter jejuni</i>	16	17	Raw Milk	C7 - Contaminated raw product—food was intended to be consumed raw or undercooked/underprocessed (e.g., raw shellfish, produce, eggs), C15 - Other source of contamination, P12 - Other situations that promote or allow microbial growth or toxin production	Farm/dairy
8	Benton-Franklin	April	Norovirus	55	55	Multiple	C12 - Other mode of contamination (excluding cross-contamination) by a food handler/worker/preparer who is suspected to be infectious, C13 - Foods contaminated by non-food handler/worker/preparer who is suspected to be infectious	Prison/Jail
9	King	April	Bacterial toxin	4	4	Multiple	P8 - Improper/slow cooling	Restaurant - Sit-down dining
10	Benton-Franklin	May	Norovirus suspected	5	5	Multiple	C10 - Bare-hand contact by a food handler/worker/preparer who is suspected to be infectious (e.g., with ready-to-eat-food)	Restaurant - Sit-down dining

*Prior to 2019, this column was labeled "Total # Cases."

^Includes cases from other states that are part of the outbreak.

#	Local Health Jurisdiction	Month of 1 st Illness Onset	Illness Agent	# Washington State Cases*	Total # Outbreak Cases^	Implicated Food	Contributing Factors	Setting
11	Multistate	May	<i>Salmonella</i> Thompson	1	115	Seafood	C6 - Contaminated raw product—food was intended to be consumed after a kill step, C7 - Contaminated raw product—food was intended to be consumed raw or undercooked/ underprocessed (e.g., raw shellfish, produce, eggs), C8 - Foods originating from sources shown to be contaminated or polluted (such as a growing field or harvest area) (e.g., shellfish), C9 - Cross-contamination of ingredients (does not include ill food workers), P12 - Other situations that promote or allow microbial growth or toxin production , S5 - Other process failures that permit the agent to survive	Various
12	Multistate	May	<i>Salmonella</i> Infantis & <i>Salmonella</i> Typhimurium	2	40	Italian style meats	C7 - Contaminated raw product—food was intended to be consumed raw or undercooked/ underprocessed (e.g., raw shellfish, produce, eggs), S5 - Other process failures that permit the agent to survive	Various
13	King	May	Norovirus suspected	35	35	Multiple	C11 - Glove-hand contact by a food handler/worker/preparer who is suspected to be infectious (e.g., with ready-to-eat-food), C12 - Other mode of contamination (excluding cross-contamination) by a food handler/worker/preparer who is suspected to be infectious, C13 - Foods contaminated by non-food handler/worker/preparer who is suspected to be infectious	Restaurant - "Fast-food"(drive up service or pay at counter)

*Prior to 2019, this column was labeled "Total # Cases."

^Includes cases from other states that are part of the outbreak.

#	Local Health Jurisdiction	Month of 1 st Illness Onset	Illness Agent	# Washington State Cases*	Total # Outbreak Cases^	Implicated Food	Contributing Factors	Setting
14	King	May	Norovirus suspected	12	12	Multiple	C11 - Glove-hand contact by a food handler/worker/preparer who is suspected to be infectious (e.g., with ready-to-eat-food), C12 - Other mode of contamination (excluding cross-contamination) by a food handler/worker/preparer who is suspected to be infectious, C13 - Foods contaminated by non-food handler/worker/preparer who is suspected to be infectious, S5 - Other process failures that permit the agent to survive	Restaurant - Sit-down dining
15	Multistate	May	<i>Salmonella</i> Oranienburg	1	1040	Whole, fresh onions	Unknown/Undetermined	Various
16	Multistate	July	<i>E. coli</i> O157:H7	7	19	Unknown / Un-determined	Unknown/Undetermined	Various
17	King, Whatcom, Skagit, Snohomish	July	<i>Vibrio parahaemolyticus</i>	21	21	Raw Oysters	C7 - Contaminated raw product—food was intended to be consumed raw or undercooked/underprocessed (e.g., raw shellfish, produce, eggs), C8 - Foods originating from sources shown to be contaminated or polluted (such as a growing field or harvest area) (e.g., shellfish), P4 - Improper cold holding due to malfunctioning refrigeration equipment, P12 - Other situations that promote or allow microbial growth or toxin production	Various
18	Multistate	July	<i>Salmonella</i> Enteritidis	5	50	Chicken suspected	Unknown/Undetermined	Various

*Prior to 2019, this column was labeled "Total # Cases."

^Includes cases from other states that are part of the outbreak.

#	Local Health Jurisdiction	Month of 1 st Illness Onset	Illness Agent	# Washington State Cases*	Total # Outbreak Cases^	Implicated Food	Contributing Factors	Setting
19	King	July	Norovirus suspected	23	23	Multiple	C11 - Glove-hand contact by a food handler/worker/preparer who is suspected to be infectious (e.g., with ready-to-eat-food), C12 - Other mode of contamination (excluding cross-contamination) by a food handler/worker/preparer who is suspected to be infectious, S5 - Other process failures that permit the agent to survive	Restaurant - Sit-down dining
20	Clark	August	Norovirus suspected	10	10	Unknown / Un-determined	Unknown/Undetermined	Restaurant - Sit-down dining
21	Snohomish	September	Bacterial toxin suspected	5	5	Chicken	P1 - Food preparation practices that support proliferation of pathogens (during food preparation), P2 - No attempt was made to control the temperature of implicated food or the length of time food was out of temperature control (during food service or display of food), P8 - Improper/slow cooling	Restaurant - Sit-down dining

*Prior to 2019, this column was labeled "Total # Cases."

^Includes cases from other states that are part of the outbreak.

#	Local Health Jurisdiction	Month of 1 st Illness Onset	Illness Agent	# Washington State Cases*	Total # Outbreak Cases^	Implicated Food	Contributing Factors	Setting
22	Pierce	October	<i>Clostridium perfringens</i> suspected	2	2	Multiple	P1 - Food preparation practices that support proliferation of pathogens (during food preparation), P2 - No attempt was made to control the temperature of implicated food or the length of time food was out of temperature control (during food service or display of food), P4 - Improper cold holding due to malfunctioning refrigeration equipment, P5 - Improper cold holding due to an improper procedure or protocol - Improper cold holding due to an improper procedure or protocol, P8 - Improper/slow cooling	Restaurant - Sit-down dining
23	King	October	<i>Vibrio parahaemolyticus</i> or Norovirus suspected	3	3	Oysters, deep fried	C6 - Contaminated raw product—food was intended to be consumed after a kill step, S1 - Insufficient time and/or temperature during cooking/heat processing (e.g., roasted meats/poultry, canned foods, pasteurization)	Restaurant - Sit-down dining
24	King	October	Norovirus suspected	14	14	Multiple	C11 - Glove-hand contact by a food handler/worker/preparer who is suspected to be infectious (e.g., with ready-to-eat-food), C12 - Other mode of contamination (excluding cross-contamination) by a food handler/worker/preparer who is suspected to be infectious, S5 - Other process failures that permit the agent to survive	Restaurant - Sit-down dining
25	Grant	November	<i>Salmonella</i> Enteritidis	5	5	Turkey neck suspected	C9 - Cross-contamination of ingredients (does not include ill food workers), P8 - Improper/slow cooling, S5 - Other process failures that permit the agent to survive	Private home/residence

*Prior to 2019, this column was labeled "Total # Cases."

^Includes cases from other states that are part of the outbreak.

#	Local Health Jurisdiction	Month of 1 st Illness Onset	Illness Agent	# Washington State Cases*	Total # Outbreak Cases^	Implicated Food	Contributing Factors	Setting
26	Multistate	November	<i>E. coli</i> O121:H19	2	4	Romaine lettuce	Unknown/Undetermined	Various
27	Multistate	November	<i>E. coli</i> O157:H7	6	10	Power Greens (kale, chard, spinach)	C7 - Contaminated raw product—food was intended to be consumed raw or undercooked/underprocessed (e.g., raw shellfish, produce, eggs)	Various
28	Pierce	November	Unknown GI illness	24	24	French fries	C15 - Other source of contamination	School/college/university
29	Skagit	December	Norovirus suspected	3	3	Multiple	C9 - Cross-contamination of ingredients (does not include ill food workers), C11 - Glove-hand contact by a food handler/worker/preparer who is suspected to be infectious (e.g., with ready-to-eat-food), C12 - Other mode of contamination (excluding cross-contamination) by a food handler/worker/preparer who is suspected to be infectious, S5 - Other process failures that permit the agent to survive	Restaurant - Sit-down dining

*Prior to 2019, this column was labeled “Total # Cases.”

^Includes cases from other states that are part of the outbreak.

Foodborne Outbreaks 1988-2021

Year	Cases	Outbreaks
1988	545	55
1989	531	51
1990	665	34
1991	1,154	47
1992	740	53
1993	1,301	130
1994	1,462	151
1995	909	138
1996	695	124
1997	810	108
1998	706	60
1999	1,164	93
2000	938	66
2001	574	69
2002	704	56
2003	620	55
2004	679	58
2005	390	42
2006	677	51
2007	722	43
2008	564	46
2009	307	27
2010	344	37
2011	371	30
2012	552	27
2013	437	37
2014	432	45
2015	505	36
2016	543	49
2017	1,016	66
2018	549	62
2019	564	41
2020*	357	21
2021	339	29

*2020 data updated since the 2020 annual report

Haemophilus influenzae Invasive Disease (Age < 5 Years)

H. influenzae Cases Among Children < 5 Years by Serotype, Washington State, 2012-2021

Year	Number of cases	No specimen available (n)	Case was serotyped (n)	Serotyping results			
				Serotype b (n)	Other serotypes (n)	Not typeable (n)	Vaccine-preventable (Serotype b) (%)
2012	4	0	4	1	1	2	25
2013	11	0	11	2	2	7	18
2014	9	0	9	4	2	3	44
2015	5	0	5	1	2	2	20
2016	9	1	8	1	2	5	13
2017	7	0	7	1	3	3	14
2018	13	0	13	4	7	2	31
2019	16	0	16	0	4	12	0
2020	6	0	6	0	3	3	0
2021	7	0	7	1	5	1	14
Total	87	1	86	15	31	40	17

Meningococcal Disease (Invasive)

Meningococcal Disease Cases by Serogroup, Washington State, 2012-2021

Year	Number of cases	No specimen available (n)	Case was serogrouped (n)	Serogrouping results						
				Group B (n)	Group C (n)	Group Y (n)	Group W135 (n)	Other/Non-Groupable (n)	Vaccine-preventable	
									Men ACWY (%)	MenB (%)
2012	24	0	24	9	4	8	0	3	50	38
2013	20	3	17	9	2	3	2	1	41	53
2014	17	0	17	6	5	4	1	1	59	35
2015	10	0	10	3	4	1	2	0	70	30
2016	13	1	12	3	6	1	1	1	67	25
2017	11	0	11	3	6	0	0	2	55	27
2018	21	0	21	5	13	1	0	2	67	24
2019	14	0	14	1	6	3	2	2	79	7
2020	7	0	7	3	1	1	2	0	57	43
2021	4	1	3	0	3	0	0	0	100	0
Total	141	5	136	42	50	22	10	12	60	31

Highly Antibiotic Resistant Organism Surveillance 2012-2021

Carbapenemase-producing Carbapenem-resistant Enterobacterales (CRE) Cases by Genus, Washington State, 2012-2021

Genus	Carbapenamase [^]	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<i>Enterobacter</i> spp.	KPC	0	0	1	1	2	1	2	5	1	3
	NDM	0	0	0	0	2	4	0	3	8	3
<i>Escherichia</i> spp.	KPC	0	1	0	1	1	1	0	2	2	0
	NDM	0	2	2	3	5	5	7	5	10	4
	OXA-48	0	0	1	2	4	1	3	2	0	1
<i>Klebsiella</i> spp.	IMP	0	2	0	0	0	0	0	0	0	0
	KPC	1	3	13	5	3	10	9	10	7	9
	NDM	0	1	2	0	2	1	4	2	5	5
	OXA-48	0	0	2	4	1	1	5	1	2	2
	VIM	0	0	0	0	0	0	1	0	0	0
Year total		1	9	21	16	20	24	31	30	35	27

*spp.: species

[^]KPC: *Klebsiella pneumoniae* carbapenemase

NDM: New Delhi metallo-β-lactamase

OXA-48: Oxacillin-hydrolyzing β-lactamase-48

VIM: Verona integron-encoded metallo-β-lactamase

IMP: Imipenem-hydrolyzing β-lactamase

Note: All years of the table now incorporate a change in taxonomy in 2018 from *Enterobacter aerogenes* to *Klebsiella aerogenes*.

Rabid Non-Bat Animals and Rabies Strains in Washington 1987-2021

Year	Animal type (County)	Rabies strain
2015	Cat (Jefferson)	Bat-variant
2002	Cat (Walla Walla)	Bat-variant
1994	Llama (King)	Bat-variant
1992	Horse (Franklin)	Unknown
1987	Dog (Pierce)*	Unknown, but history of bat exposure

*Infection was not confirmed at Centers for Disease Control and Prevention.

Washington State Bats Tested for Rabies 2017-2021

County	2017		2018		2019		2020		2021		Total	
	Positive	Total	Positive	Total	Positive	Total	Positive	Total	Positive	Total	Positive	Tested
Adams	0	1	0	0	0	2	0	0	0	0	0	3
Asotin	0	0	0	0	0	0	0	0	0	0	0	0
Benton	0	0	2	2	0	3	0	2	0	1	2	8
Chelan	1	11	9	75	0	3	0	7	1	4	11	100
Clallam	0	7	0	6	0	5	0	3	0	3	0	24
Clark	1	10	0	16	0	11	0	5	0	7	1	49
Columbia	0	0	0	0	0	0	0	0	0	0	0	0
Cowlitz	0	10	0	8	2	10	0	10	0	8	2	46
Douglas	0	1	2	25	0	0	0	1	0	0	2	27
Ferry	0	0	0	0	0	0	0	0	0	0	0	0
Franklin	0	0	0	1	0	0	0	0	0	0	0	1
Garfield	0	0	0	0	0	0	0	0	0	0	0	0
Grant	0	2	0	7	0	1	0	1	0	1	0	12
Grays Harbor	0	3	0	2	0	4	0	5	0	0	0	14
Island	0	18	0	12	0	7	1	13	0	7	1	57
Jefferson	0	7	1	11	0	2	0	7	0	2	1	29
King	8	78	10	102	1	73	4	59	6	46	29	358
Kitsap	0	27	2	37	0	18	0	21	1	21	3	124
Kittitas	0	3	0	4	0	0	0	3	0	0	0	10
Klickitat	1	5	1	3	0	1	0	1	0	4	2	14
Lewis	1	18	2	26	1	11	1	12	1	9	6	76
Lincoln	0	0	0	0	0	0	0	0	0	2	0	2
Mason	0	5	0	7	0	5	0	5	0	2	0	24
Okanogan	0	1	0	0	0	1	0	1	0	3	0	6
Pacific	0	7	0	5	0	7	0	1	0	2	0	22
Pend Oreille	0	0	0	2	0	0	1	2	0	0	1	4
Pierce	2	25	0	23	0	12	0	12	0	9	2	81
San Juan	0	1	0	2	0	4	0	1	0	3	0	11
Skagit	0	9	0	10	0	4	0	7	0	10	0	40
Skamania	0	0	0	0	0	0	0	3	0	0	0	3
Snohomish	3	37	1	44	2	16	0	9	0	12	6	118
Spokane	5	31	3	27	0	16	1	13	0	6	9	93
Stevens	0	3	2	5	0	9	0	1	1	5	3	23
Thurston	0	33	2	28	1	15	0	15	1	13	4	104
Wahkiakum	0	0	0	0	0	1	0	0	0	1	0	2
Walla Walla	0	0	1	3	0	1	0	0	0	1	1	5
Whatcom	0	21	2	35	1	10	0	10	0	18	3	94
Whitman	0	1	0	1	0	1	0	0	1	3	1	6
Yakima	0	1	0	2	1	2	0	0	0	0	1	5
Total	22	376	40	531	9	255	8	230	12	203	91	1595

Washington State Animals Tested for Rabies 1988-2021

Year	Bat	Cat	Dog	Ferret	Raccoon	Skunk	Rodent	Lagomorph	Other Wild	Other Domestic	Total
1988	69 (4)	165	110	15	16	3	12	2	5	3	400 (4)
1989	102 (9)	124	91	20	9	4	8	1	9	4	372 (9)
1990	63 (4)	104	82	5	7	5	5	1	14	4	290 (4)
1991	90 (9)	105	96	13	8	3	13	0	19	2	349 (9)
1992	73 (6)	132	90	16	14	2	12	0	14	6 (1*)	359 (7)
1993	68 (1)	122	95	8	4	8	16	2	10	13	346 (1)
1994	58 (14)	105	90	7	4	3	15	0	16	14 (1^)	312 (15)
1995	263 (15)	140	114	12	8	1	23	3	15	18	597 (15)
1996	257 (13)	104	101	8	9	2	14	3	20	12	530 (13)
1997	780 (51)	155	118	7	17	4	15	2	18	11	1127 (51)
1998	447 (27)	126	109	8	11	1	6	0	19	16	743 (27)
1999	334 (25)	103	71	3	11	3	8	1	14	13	561 (25)
2000	330 (23)	105	60	1	2	4	6	1	9	4	522 (23)
2001	263 (22)	111	93	2	3	1	8	0	4	5	490 (22)
2002	186 (12)	99 (1)	53	7	2	2	9	1	8	9	376 (13)
2003	229 (23)	137	72	0	11	1	4	1	9	10	474 (23)
2004	311 (20)	141	70	3	13	6	11	0	6	10	571 (20)
2005	245 (15)	132	66	3	12	2	5	1	10	4	480 (15)
2006	273 (15)	105	70	4	13	1	2	1	8	5	482 (15)
2007	315 (22)	132	97	1	16	3	5	0	9	3	581 (22)
2008	337 (17)	143	76	1	10	2	5	1	9	11	595 (17)
2009	311 (14)	133	90	1	12	5	4	1	7	9	573 (14)
2010	200 (14)	103	63	0	14	1	6	1	9	10	407 (14)
2011	204 (11)	87	51	1	9	1	2	0	8	5	368 (11)
2012	221 (9)	98	54	2	7	0	4	0	7	9	402 (9)
2013	284 (12)	80	65	0	13	0	3	0	5	9	459 (12)
2014	276 (15)	75	53	0	12	0	1	1	6	11	435 (15)
2015	305 (9)	95 (1)	49	0	8	2	8	0	11	7	485 (10)
2016	298 (20)	108	44	0	5	0	4	1	3	3	466 (20)
2017	376 (22)	81	48	0	8	1	4	0	2	5	525 (22)
2018	531 (40)	84	44	0	4	0	2	0	2	8	675 (40)
2019	255 (9)	65	23	0	2	0	2	0	3	7	357 (9)
2020	230 (8)	56	16	0	4	1	1	0	4	6	318 (8)
2021	203 (12)	48	16	0	12	1	1	0	1	4	286 (12)
Total	8787 (542)	3703 (2)	2,440	148	310	73	244	25	313	270 (2)	16313 (546)

*Horse

^ Llama

Lagomorphs include: rabbit, hare, and pika.

Rodents include: beaver, chinchilla, chipmunk, degu, gerbil, gopher, hamster, marmot, mouse, muskrat, nutria, porcupine, prairie dog, rat, squirrel, vole, and woodchuck.

Skunks include: all species of the Mephitidae family and are not identified to species level.

Other domestic include: alpaca, burro, cattle, goat, horse, llama, mule, pig, sheep, and (captive) zebra.

Other wild include: badger, bear, bison, bobcat, cougar, coyote, deer, fox, kinkajou, lynx, marten, mink, mole, nonhuman primate, ocelot, opossum, otter, seal, shrew, sugar glider, weasel, wolf, wolf-hybrid, zorilla (striped polecat).

Species identification: bats are identified to species level using morphological identification keys; all other species are not formally identified unless rabies virus positive.

Numbers reported through 2007 were inclusive of positive and negative test results; beginning in 2008 all specimens submitted (i.e., including unsatisfactory results) are included in counts.

Other Rare Diseases of Public Health Significance 2016-2021

All cases acquired through travel, unless otherwise noted.

Case counts are subject to change since cases are often reported late.

Rare Disease	2016	2017	2018	2019	2020	2021
Amoebic meningitis	0	1 ^E	0	0	0	0
Anaplasmosis	0	1	0	1	1	4
Babesiosis	0	1	0	1	0	0
<i>Burkholderia</i> infection	0	2	0	0	0	0
Chagas	1	0	0	3	2	2 (1 ^U)
Coccidioidomycosis	40 (2 ^E)	69 (2 ^E , 9 ^U)	63 (3 ^E , 14 ^U)	62 (7 ^U)	64 (8 ^U)	120 (2 ^E , 27 ^U)
Cryptococcosis (by <i>Cryptococcus gattii</i>)	5 (2 ^E , 3 ^U)	1 ^E	4 (1 ^E , 3 ^U)	2 (1 ^E , 1 ^U)	3 (1 ^E , 2 ^U)	3 ^U
Histoplasmosis	2 (1 ^U)	1	0	1 ^U	2 (1 ^U)	1 ^U
Spotted fever rickettsiosis	0	5	3 (1 ^U)	4 (1 ^E)	2 ^E	1
Tick paralysis	1 ^E	0	2 ^E	2 ^E	0	0
Typhus	0	1	0	0	0	0

^E Endemically acquired

^U Unknown exposure location

*The category of conditions titled "Other Rare Diseases of Public Health Significance" has been repealed effective January 1, 2023 and conditions listed above have been integrated within the notifiable conditions chapter ([WAC 246-101](#)).

Waterborne Disease Outbreaks 1992-2021

Excluding spa-associated folliculitis outbreaks and illness outbreaks associated with harmful algal blooms.

Year	Agent	Water Type	County	Cases
1992	Hepatitis A	Drinking	Klickitat	10
1993	Norovirus	Recreational – Untreated	Thurston	604
	<i>Cryptosporidium</i>	Drinking	Yakima	7
	<i>Giardia</i>	Recreational – Untreated	Clark	6
1994	<i>Cryptosporidium</i>	Recreational – Untreated	Yakima	4
	<i>Cryptosporidium/Giardia</i>	Drinking	Walla Walla	86
1995	<i>Giardia</i>	Drinking	Yakima	87
1996	<i>Cryptosporidium</i>	Drinking	Yakima	18
1997	STEC	Drinking	Yakima	2
1998	Suspect viral	Recreational – Untreated	Kitsap	248
	Suspect viral	Recreational – Untreated	Snohomish	58
	Unknown	Drinking	Klickitat	6
1999	Unknown	Drinking	Lincoln	46
	<i>E. coli</i> O157:H7	Recreational – Untreated	Clark	36
	Suspect viral	Drinking	Spokane	68
2003	<i>Campylobacter</i>	Drinking	Walla Walla	110
2007	Suspect viral	Drinking	Okanogan	32
	<i>Cryptosporidium</i>	Recreational – Untreated	Clark	12
	<i>Cryptosporidium</i>	Recreational – Treated	Whatcom	14
2011	<i>Legionella</i>	Drinking	Spokane	3
2012	<i>Shigella sonnei</i>	Recreational – Untreated	Clark	3
2013	Norovirus	Recreational – Treated	King	11
2014	Norovirus	Recreational – Untreated	Kitsap	260+
	Norovirus	Recreational – Untreated	Clark	20
2015	<i>Legionella</i>	Drinking	Thurston	3
	<i>Legionella</i>	Other (cooling tower)	Chelan	10
2016	Norovirus	Recreational – Treated	King	17
	<i>Legionella</i>	Drinking	King	4
2017	<i>Legionella</i>	Unknown	King	2
	<i>Legionella</i>	Recreational – Treated	Benton-Franklin	3
	<i>Legionella</i>	Recreational – Treated	Yakima	2
2018	Swimmer's Itch (cercarial dermatitis)	Recreational – Untreated	Adams	3
	Norovirus	Recreational – Untreated	Kitsap	156
	<i>Shigella sonnei</i>	Recreational – Untreated	Clark	19
2019	No outbreaks reported			
2020	No outbreaks reported			
2021	No outbreaks reported			

Appendix II: Influenza Summary

The Department of Health (DOH), in collaboration with health care providers, laboratories, local health jurisdictions, and the Centers for Disease Control and Prevention (CDC), performs surveillance for influenza using several different systems. Laboratory-confirmed influenza-associated deaths and suspected and confirmed influenza outbreaks are reportable to the local health jurisdiction and in turn reportable to DOH. Novel or unsubtypable influenza is immediately notifiable to DOH.

The purpose of influenza surveillance and reporting is to assist health care providers with treatment decisions by tracking the geographic spread of influenza activity, estimating influenza-related mortality, monitoring the epidemiology of severe influenza infection, and detecting emerging threats such as avian and other novel influenza strains.

Current and historic summaries of influenza activity in Washington State can be found on the [DOH Influenza Surveillance Data page](#).

Appendix III: State Demographics

Washington State Population Estimates 1985-2021

Year	Estimate	Year	Estimate
1985	4,415,785	1986	4,462,212
1987	4,527,098	1988	4,616,886
1989	4,728,077	1990	4,866,692
1991	5,021,335	1992	5,141,177
1993	5,265,688	1994	5,364,338
1995	5,470,104	1996	5,567,764
1997	5,663,763	1998	5,750,033
1999	5,830,835	2000	5,894,143
2001	5,970,330	2002	6,059,316
2003	6,126,885	2004	6,208,515
2005	6,298,816	2006	6,420,258
2007	6,525,086	2008	6,608,245
2009	6,672,159	2010	6,724,540
2011	6,767,900	2012	6,817,770
2013	6,882,400	2014	6,968,170
2015	7,061,410	2016	7,183,700
2017	7,310,300	2018	7,427,570
2019	7,546,410	2020	*7,706,310
2021	7,766,975		

State of Washington Office of Financial Management April 1, 2021 [Population Trends](#).

Accessed 07/19/2022

* 2020 Census county totals were revised (from 2019 Annual Report) to account for missing or misplaced group quarters: Chelan, Kittitas, and Skamania.

Washington State Population Estimates by County 2021

County	Estimate	County	Estimate	County	Estimate
Adams	20,900	Asotin	22,500	Benton	209,400
Chelan	80,000	Clallam	77,750	Clark	513,100
Columbia	3,950	Cowlitz	111,500	Douglas	43,550
Ferry	7,250	Franklin	98,350	Garfield	2,300
Grant	100,800	Grays Harbor	76,050	Island	87,100
Jefferson	33,100	King	2,287,050	Kitsap	277,700
Kittitas	45,225	Klickitat	23,000	Lewis	82,700
Lincoln	10,900	Mason	65,750	Okanogan	42,350
Pacific	23,425	Pend Oreille	13,475	Pierce	928,200
San Juan	17,850	Skagit	130,000	Skamania	11,750
Snohomish	837,800	Spokane	542,100	Stevens	46,725
Thurston	297,800	Wahkiakum	4,475	Walla Walla	62,100
Whatcom	226,300	Whitman	44,600	Yakima	258,100

State Total: 7,666,975

State of Washington Office of Financial Management April 1, 2021 [Population Trends](#).

Accessed 07/19/2022

Washington State Population by Age and Sex 2021

Age (years)	Male	Female	Total
0-4	222,467	212,434	434,901
5-9	245,606	234,615	480,221
10-14	248,735	237,276	486,011
15-19	238,969	228,436	467,405
20-24	256,987	245,226	502,213
25-29	279,345	268,538	547,883
30-34	280,632	266,907	547,539
35-39	275,001	264,310	539,311
40-44	252,566	246,563	499,129
45-49	231,029	227,715	458,744
50-54	242,739	239,092	481,831
55-59	240,826	244,490	485,316
60-64	240,516	251,855	492,371
65-69	214,272	234,410	448,682
70-74	175,739	195,091	370,830
75-79	110,788	127,034	237,822
80-84	64,595	79,079	143,674
85+	54,771	88,321	143,092
Total	3,875,583	3,891,392	7,766,975

State of Washington Office of Financial Management April 1, 2021 [Population Trends](#).

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