

Rates of Reported Cases of Notifiable Diseases by Year for Arizona, 2005 – 2015, per 100,000 population

Disease	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Vaccine Preventable											
Measles	0.02	0.0	0.02	0.3	0.0	0.02	0.03	0.03	0.02	0.04	0.1
Mumps	0.02	0.6	0.2	0.1	0.2	0.08	0.0	0.05	0.02	0.2	0.03
Pertussis	18.3	8.1	3.3	3.3	4.2	8.5	13.5	17.4	21.9	7.8	8.6
Pertussis confirmed cases	8.0	0.6	0.2	0.4	1.2	1.5	2.5	8.8	16.2	4.3	5.0
Rubella	0.0	0.0	0.0	0.02	0.0	0.02	0.0	0.0	0.0	0.0	0.0
Congenital Rubella Syndrome	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Haemophilus influenzae</i> type B (invasive, age < 5 years)	0.2	0.6	0.6	0.6	0.2	0.4	0.2	0.5	0.7	0.0	0.7
Varicella (chickenpox)	25.4	15.6	14.5	11.9	8.1	11.8	10.3	8.2	5.4	4.5	4.0
Central Nervous System											
Aseptic Meningitis	13.8	11.5	9.8	10.5	7.8	11.5	6.2	7.0	5.2	4.3	2.8
Meningococcal Disease	0.6	0.3	0.2	0.1	0.2	0.2	0.2	0.1	0.2	0.1	0.1
Viral Encephalitis	0.4	0.3	0.2	0.1	0.03	0.1	0.1	0.02	0.05	0.04	0.1
Enteritides											
Amebiasis	0.2	0.3	0.3	0.2	0.2	0.1	0.2	0.3	0.3	0.4	0.01
Campylobacteriosis	13.6	14.3	12.9	15.0	15.4	13.3	15.0	14.6	12.9	14.1	20.4
Cholera	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cryptosporidiosis	0.3	0.2	0.5	0.8	1.4	0.5	0.6	0.7	0.6	0.7	0.9
<i>E. coli</i> , Shiga toxin-producing	0.5	0.6	1.7	1.6	1.1	1.0	1.6	2.0	3.7	1.5	1.9
Giardiasis	3.0	3.0	2.6	3.0	2.2	3.0	2.6	2.1	1.7	1.8	2.1
Salmonellosis (excl. <i>S. Typhi</i> & <i>S. Paratyphi</i>)	11.9	12.2	15.2	15.5	17.5	16.4	15.4	13.6	15.3	15.6	16.9
<i>Salmonella</i> Paratyphi A	0.1	0.02	0.03	0.02	0.02	0.02	0.1	0.03	0.02	0.03	0.01
<i>Salmonella</i> Paratyphi B	0.1	0.1	0.1	0.03	0.2	0.1	0.1	0.1	0.03	0.1	0.2
<i>Salmonella</i> Paratyphi C	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Shigellosis	7.0	9.0	11.7	8.7	9.9	12.2	7.3	6.7	6.5	5.6	8.1
Typhoid Fever	0.03	0.1	0.1	0.1	0.05	0.03	0.1	0.05	0.2	0.1	0.03
Mycosis											
Coccidioidomycosis (Valley Fever)	58.1	88.7	75.1	73.0	155.1	186.0	255.8	198.8	89.1	84.4	112.8
Hepatitides											
Hepatitis A	3.2	2.9	2.4	1.8	1.0	1.0	1.2	1.4	1.1	0.5	1.1
Hepatitis B (acute)	6.2	6.0	2.8	2.5	2.9	2.3	2.9	1.6	0.8	0.6	0.6
Hepatitis C (acute)	0.0	0.0	0.0	0.0	0.0	0.0	N/A	N/A	N/A	N/A	N/A
Hepatitis D	0.02	0.05	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.01	0.0
Hepatitis E	0.02	0.02	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.04	0.0
Hepatitis non-A non-B	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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Zoonoses/Vector-borne											
Brucellosis	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.1	0.02	0.1	0.01
Colorado Tick Fever	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.01	0.01
Dengue	0.0	0.1	0.1	0.1	0.1	0.2	0.05	0.2	0.1	1.4	0.4
Ehrlichiosis/Anaplasmosis	0.02	0.0	0.0	0.03	0.02	0.0	0.1	0.02	0.03	0.01	0.04
Hantavirus Pulmonary Syndrome	0.1	0.2	0.1	0.02	0.02	0.0	0.05	0.02	0.1	0.1	0.01
Human Rabies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lyme Disease	0.2	0.2	0.05	0.1	0.1	0.03	0.2	0.2	0.5	0.3	0.2
Malaria	0.3	0.4	0.2	0.3	0.2	0.4	0.3	0.3	0.5	0.4	0.2
Plague	0.0	0.0	0.03	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.03
Relapsing Fever, Tick-borne	0.0	0.0	0.0	0.0	0.03	0.0	0.03	0.03	0.02	0.2	0.01
Rocky Mountain Spotted Fever	0.4	0.2	0.2	0.3	0.3	0.3	1.2	0.8	1.0	0.2	0.3
St. Louis Encephalitis	0.02	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.3
Tularemia	0.03	0.02	0.05	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.1
West Nile Virus	1.8	2.4	1.5	1.7	0.3	2.6	1.1	2.1	0.9	1.6	1.5
Other											
Botulism	0.03	0.1	0.02	0.03	0.05	0.0	0.1	0.2	0.03	0.03	0.04
Legionellosis	0.4	0.6	0.6	0.4	0.7	1.0	0.7	0.7	1.0	0.9	1.4
Listeriosis	0.2	0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.05	0.2	0.1
Methicillin Resistant <i>S. aureus</i> (invasive)	23.7	21.4	20.3	21.7	17.8	18.2	18.6	16.8	16.2	17.7	17.1
Streptococcal-Group A (invasive)	5.0	5.6	3.2	3.1	2.4	3.0	3.2	3.1	3.5	3.7	5.2
Streptococcal-Group B (invasive, age <90 d)	0.5	0.5	0.6	0.6	0.6	0.5	0.5	0.7	0.4	0.5	0.7
<i>Streptococcus pneumoniae</i> (invasive)	7.6	15.6	14.4	16.5	13.8	9.5	9.0	7.7	11.9	10.9	10.0
Reyes Syndrome	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Toxic Shock Syndrome	0.01	0.03	0.1	0.02	0.02	0.03	0.02	0.01	0.02	0.1	0.01
<i>Vibrio</i> spp. (except toxogenic <i>V.cholerae</i>)	0.2	0.4	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.5	0.5
Vancomycin resist. <i>Enterococcus</i> spp.(VRE)	20.4	43.0	38.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Yersiniosis (except <i>Y. pestis</i>)	0.1	0.2	0.1	0.1	0.1	0.03	0.1	0.1	0.1	0.1	0.2

Note: Non-resident cases have been excluded. Only incident cases are reported. Cases are counted by date reported to public health. Case counts include both probable and confirmed cases unless otherwise indicated. *E. coli* has included both *E. coli* O157:H7 and Shiga-toxin positive *E.coli* since October 2004. *Streptococcus pneumoniae* was only reportable by laboratories until October 2004. *Haemophilus influenzae* type B includes all invasive *H. influenzae* B, not just meningitis, as of 1995. Meningococcal disease includes all invasive disease caused by *Neisseria meningitidis*, not just meningitis. Animal rabies cases are not included. Hepatitis D has been reported separately from Hepatitis non-A non-B since 1997. Hepatitis E has been reported separately from Hepatitis non-A non-B beginning in 1998. VRE ceased being reportable beginning in April 2008. Reported coccidioidomycosis cases were elevated from June 2009 through December 2012 and then declined in 2013 due to changes in reporting practices and laboratory testing from a major commercial laboratory. A change in the criteria for counting Lyme disease in 2013 may account for the increase in cases in that year. Rates calculated for Streptococcus-Group B (invasive disease in infants <90 days old) represent the number of cases per 1000 live births; all other morbidities are per 100,000 Arizona residents. The denominators are based on 2015 population estimates from the ADHS Bureau of Health Status and Vital Statistics.

Source: Arizona Department of Health Services, Bureau of Epidemiology and Disease Control Services, Office of Infectious Disease Services.