

Rates of Reported Cases of Selected Notifiable Diseases, by Category, for each County, Arizona, 2016, per 100,000 population

Disease	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Vaccine Preventable																
Measles	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.0	7.3	0.0	0.0	0.0
Mumps	0.1	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.05	0.0	0.0	0.3	0.2	0.0	0.0	0.0
Pertussis	4.2	4.2	5.5	0.7	7.4	10.4	0.0	4.7	4.9	1.9	0.0	2.5	2.7	0.0	10.0	1.8
Pertussis confirmed cases	2.3	4.2	0.0	0.0	1.8	0.0	0.0	4.7	3.1	0.0	0.0	1.2	0.7	0.0	0.5	1.8
Rubella	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0
<i>Haemophilus influenzae</i> type B (invasive, age < 5 years)	0.9	36.7	0.0	0.0	32.5	0.0	0.0	0.0	0.0	0.0	12.6	0.0	0.0	0.0	0.0	0.0
Varicella (chickenpox)	4.1	8.3	0.8	0.0	1.8	7.8	0.0	9.4	3.8	2.4	7.2	3.5	5.3	0.0	10.9	7.3
Central Nervous System																
Aseptic Meningitis	2.1	2.8	0.0	0.7	0.0	0.0	0.0	0.0	3.0	1.0	0.9	1.1	1.2	0.0	0.0	0.5
Meningococcal Disease	0.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.2	0.0	0.0	0.0	0.0
Viral Encephalitis	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.07	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Enteritides																
Amebiasis	0.1	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.05	0.0	0.0	0.2	0.0	2.0	0.0	0.0
Campylobacteriosis	18.2	44.4	33.5	19.6	38.7	26.1	28.8	4.7	16.3	5.8	42.6	20.9	11.4	25.7	23.6	20.7
Cholera	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cryptosporidiosis	8.0	0.0	0.0	16.8	1.8	0.0	0.0	0.0	11.0	3.4	0.0	2.9	3.1	2.0	6.8	2.3
<i>E. coli</i> , Shiga toxin-producing	2.2	0.0	0.8	1.4	0.0	7.8	0.0	4.7	2.1	0.5	0.9	2.9	2.2	17.8	0.9	1.4
Giardiasis	1.8	0.0	7.0	4.2	3.7	2.6	0.0	0.0	1.7	1.5	0.9	1.6	1.2	5.9	3.2	0.5
Salmonellosis (except <i>S. Typhi</i> and <i>S. Paratyphi</i>)	13.2	19.4	13.2	16.1	25.8	31.3	0.0	18.8	10.8	6.8	24.5	16.8	17.2	31.6	15.4	16.1
<i>Salmonella</i> Paratyphi A	0.01	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Salmonella</i> Paratyphi B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
<i>Salmonella</i> Paratyphi C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Shigellosis	18.0	69.3	0.8	3.5	36.8	10.4	0.0	61.2	23.0	0.5	30.8	7.0	12.1	15.8	2.3	7.8
Typhoid Fever	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0
Mycosis																
Coccidioidomycosis (Valley Fever)	89.3	22.2	24.2	29.5	60.7	44.4	28.8	56.5	106.2	23.3	29.9	88.3	120.0	19.8	25.0	8.3
Hepatitides																
Hepatitis A	0.7	4.2	3.1	0.0	1.8	0.0	0.0	9.4	0.3	0.5	0.9	1.4	1.0	2.0	0.0	0.5
Hepatitis B, Acute	0.2	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.1	1.0	0.0	0.6	0.2	0.0	0.0	0.0
Hepatitis B, Perinatal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hepatitis D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hepatitis E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Disease	Arizona	Apache	Cochise	Cocconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Zoonoses/Vectorborne																
Brucellosis	0.01	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Colorado Tick Fever	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dengue	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.2	0.0	0.0	0.0	0.0
Ehrlichiosis/Anaplasmosis	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hantavirus Pulmonary Syndrome	0.1	1.4	0.0	1.4	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Human Rabies	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.1	0.5	0.0	0.3	0.2	0.0	0.9	0.0
Malaria	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.4	0.7	0.0	0.0	0.0
Plague	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0
Relapsing Fever, Tickborne	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Rocky Mtn. Spotted Fever	0.3	1.4	0.0	0.0	25.8	0.0	0.0	0.0	0.0	0.0	0.9	0.7	0.0	0.0	0.0	0.0
St. Louis Encephalitis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tularemia	0.04	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0
West Nile Virus	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.4	1.7	2.0	0.0	1.4
Other																
Botulism	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0
Legionellosis	1.1	0.0	0.0	0.7	3.7	0.0	0.0	0.0	1.3	1.9	0.0	1.4	0.2	0.0	0.9	0.0
Listeriosis	0.1	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.05	0.0	0.0	0.1	0.0	0.0	0.5	0.5
Methicillin-resistant <i>S. aureus</i> (invasive)	18.5	11.1	28.0	6.3	42.3	13.1	9.6	14.1	16.7	5.8	18.1	26.6	19.4	4.0	19.1	28.9
Streptococcal Group A (invasive)	8.1	16.6	6.2	9.1	12.9	7.8	0.0	9.4	7.9	2.4	9.1	10.4	6.0	7.9	9.5	5.5
Streptococcal Group B (invasive disease in infants <90 days old)	0.7	0.0	0.0	0.6	0.0	0.0	0.0	4.5	0.8	0.6	0.0	0.5	0.9	0.0	0.0	0.7
<i>Streptococcus pneumoniae</i> (invasive)	10.5	38.8	7.8	11.9	14.7	7.8	0.0	0.0	10.2	7.3	21.7	10.1	13.5	4.0	7.7	6.0
Reyes Syndrome	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Toxic Shock Syndrome	0.04	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Vibrio</i> spp. (except toxogenic <i>V. cholerae</i>)	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.2	0.2	2.0	0.0	0.9
Yersiniosis (except <i>Y. pestis</i>)	0.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.0	0.0	0.9	0.9

Notes: 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. *Haemophilus influenzae* type B includes all invasive *H. influenzae* type B, not just meningitis, as of 1995. Meningococcal includes all invasive disease caused by *Neisseria meningitidis*, not just meningitis. Animal rabies cases are not included. Hepatitis E has been reported separately from Hepatitis non-A non-B beginning in 1998. 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 in appropriate county. All rates, even those based on full population counts, are subject to random error. Random error may be substantial when the number of cases is small (e.g., less than 20) and can make it impossible to distinguish random fluctuations from true changes in the underlying risk of disease. Rates and proportions based on small numbers should be interpreted with caution.