

Number of Reported Confirmed and Probable Cases of Selected Notifiable Diseases by Race/Ethnicity, Arizona, 2017

Cases	Race/Ethnicity							
	White, non-Hispanic	Hispanic	Black, non-Hispanic	Asian or Pacific Islander, non-Hispanic	Native American, non-Hispanic	Other, non-Hispanic	Unknown	Total
Campylobacteriosis	491	309	19	17	140	17	379	1372
Coccidioidomycosis	1275	292	117	91	156	57	4897	6885
Cryptosporidiosis	46	33	2	1	5	2	23	112
Dengue	1	0	0	1	0	1	0	3
<i>E. coli</i> (all Shiga toxin-producing)	68	35	4	2	2	4	51	166
Giardiasis	69	38	10	0	8	1	19	145
<i>Haemophilus influenzae</i> (invasive)	65	18	4	4	11	3	30	135
Hepatitis A	30	13	1	4	0	3	10	61
Hepatitis B (acute)	17	6	3	1	5	1	8	41
Hepatitis B (chronic)	114	40	26	38	24	9	766	1017
Legionellosis	56	4	3	1	0	2	8	74
Meningitis-Aseptic	39	15	2	0	2	4	19	81
Methicillin-resistant <i>S. aureus</i> (invasive)	381	98	27	6	45	18	780	1355
Pertussis	170	87	7	2	21	8	125	420
Rocky Mountain Spotted Fever	0	1	0	0	6	1	19	27
Salmonellosis	409	213	22	13	80	17	121	875
Shigellosis	111	210	25	5	86	9	109	555
Streptococcal Group A (invasive)	247	91	20	7	64	21	164	614
Streptococcal Group B (invasive), age <90 days	24	20	4	0	6	3	6	63
<i>Streptococcus pneumoniae</i> (invasive)	294	84	41	3	103	7	175	707
West Nile Virus	77	13	1	2	0	1	16	110
Zika Virus	1	1	0	0	0	0	1	3

Rates of Reported Confirmed and Probable Cases of Selected Notifiable Diseases by Race/Ethnicity, per 100,000 population, Arizona, 2017

Rates	Race/Ethnicity						
	White, non-Hispanic	Hispanic	Black, non-Hispanic	Asian or Pacific Islander, non-Hispanic	Native American, non-Hispanic	Total	% Cases with unknown race/ethnicity
Campylobacteriosis	12.5	14.3	5.8	6.8	47.3	19.7	28
Coccidioidomycosis	32.5	13.5	35.6	36.4	52.7	98.8	71
Cryptosporidiosis	1.2	1.5	0.6	0.4	1.7	1.6	21
Dengue	0.03	0.0	0.0	0.4	0.0	0.04	0
<i>E. coli</i> (all Shiga toxin-producing)	1.7	1.6	1.2	0.8	0.7	2.4	31
Giardiasis	1.8	1.8	3.0	0.0	2.7	2.1	13
<i>Haemophilus influenzae</i> (invasive)	1.7	0.8	1.2	1.6	3.7	1.9	22
Hepatitis A	0.8	0.6	0.3	1.6	0.0	0.9	16
Hepatitis B (acute)	0.4	0.3	0.9	0.4	1.7	0.6	20
Hepatitis B (chronic)	2.9	1.8	7.9	15.2	8.1	14.6	75
Legionellosis	1.4	0.2	0.9	0.4	0.0	1.1	11
Meningitis-Aseptic	1.0	0.7	0.6	0.0	0.7	1.2	23
Methicillin-resistant <i>S. aureus</i> (invasive)	9.7	4.5	8.2	2.4	15.2	19.5	58
Pertussis	4.3	4.0	2.1	0.8	7.1	6.0	30
Rocky Mountain Spotted Fever	0.0	0.0	0.0	0.0	2.0	0.4	70
Salmonellosis	10.4	9.8	6.7	5.2	27.0	12.6	14
Shigellosis	2.8	9.7	7.6	2.0	29.1	8.0	20
Streptococcal Group A (invasive)	6.3	4.2	6.1	2.8	21.6	8.8	27
Streptococcal Group B (invasive), age <90 days	0.7	0.6	0.9	0.0	1.2	0.8	10
<i>Streptococcus pneumoniae</i> (invasive)	7.5	3.9	12.5	1.2	34.8	10.1	25
West Nile Virus	2.0	0.6	0.3	0.8	0.0	1.6	15
Zika Virus	0.03	0.05	0.0	0.0	0.0	0.04	48

Notes:

Non-resident cases have been excluded. Only incident cases are reported.

E. coli includes both *E. coli* O157:H7 and other Shiga toxin-positive *E. coli*.

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, sex, race/ethnicity or age group.

The denominators are based on 2017 population estimates from the ADHS Bureau of Health Status and Vital Statistics.

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.