Rates of Reported Cases of Selected Notifiable Diseases, by 5-Year Age Group and Gender, per 100,000 population, Arizona, 2009

Disease	Age	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
	Gender																			
Campylobacteriosis	Male	38.0	14.5	9.2	8.9	11.6	9.5	9.2	10.3	8.2	13.4	11.2	8.4	6.4	12.6	18.2	12.5	7.0	0.0	12.8
	Female	26.7	11.8	6.1	10.0	14.8	13.4	15.3	12.2	8.9	12.4	11.2	14.2	20.0	14.3	16.0	13.7	7.8	8.6	13.6
	Total	32.5	13.2	7.9	9.4	13.1	11.6	12.4	11.5	8.6	13.1	11.2	11.4	13.5	13.5	17.0	13.1	7.4	5.4	13.3
Coccidioidomycosis	Male	7.4	25.8	44.3	97.2	95.2	101.1	135.8	156.0	181.0	167.7	207.8	180.6	263.3	294.2	282.4	265.4	229.4	257.0	138.4
	Female	6.6	24.5	59.3	116.5	146.1	141.5	181.9	222.2	228.3	225.6	255.4	229.2	288.3	295.2	253.7	211.4	184.7	165.5	168.8
	Total	7.0	25.6	52.0	108.5	120.8	121.9	160.2	189.9	205.2	198.7	234.3	206.7	278.8	297.7	269.6	238.4	205.3	201.6	155.1
Cryptosporidiosis	Male	1.6	0.0	0.0	0.8	0.0	1.1	0.0	0.4	0.9	1.3	0.0	0.6	1.4	0.0	0.0	0.0	5.2	0.0	0.6
	Female	0.4	0.0	0.4	0.5	0.0	0.0	0.4	0.0	0.0	0.9	0.5	0.0	0.6	0.8	1.9	1.1	0.0	1.4	0.4
	Total	1.0	0.0	0.2	0.7	0.0	0.6	0.2	0.2	0.4	1.1	0.2	0.3	1.0	0.4	1.0	0.6	2.2	0.9	0.5
***E. coli* (all Shiga-toxin producing)**	Male	5.1	1.2	0.8	2.1	0.4	0.8	0.4	0.0	0.4	0.4	0.0	0.0	1.4	0.9	1.1	1.2	0.0	0.0	1.1
	Female	2.5	0.9	0.9	1.4	0.5	1.3	0.0	0.0	0.4	0.9	0.0	1.1	0.6	1.6	0.0	2.1	0.0	1.4	0.9
	Total	4.0	1.1	0.9	1.8	0.4	1.0	0.2	0.0	0.4	0.7	0.0	0.5	1.0	1.3	0.5	1.7	0.0	0.9	1.0
Giardiasis	Male	10.2	7.1	2.5	3.0	2.9	2.7	2.5	2.6	2.2	3.1	1.5	2.2	0.0	1.8	4.3	0.0	0.0	0.0	3.3
	Female	11.5	5.7	4.0	1.4	1.8	2.5	3.1	1.8	1.3	1.3	1.5	0.5	1.3	0.8	0.0	2.1	0.0	0.0	2.7
	Total	10.8	6.4	3.2	2.2	2.6	2.6	2.8	2.2	1.8	2.2	1.5	1.4	0.7	1.3	2.0	1.1	0.0	0.0	3.0
Hepatitis A	Male	0.4	0.0	0.0	1.3	2.5	0.4	1.7	2.6	0.4	1.3	1.0	1.1	2.1	0.0	1.1	0.0	0.0	0.0	1.0
	Female	0.4	0.4	0.0	1.4	3.7	0.4	1.3	0.5	1.3	0.9	2.4	0.5	0.6	1.6	1.9	0.0	0.0	0.0	1.1
	Total	0.4	0.2	0.0	1.3	3.1	0.4	1.5	1.5	0.9	1.1	1.7	0.8	1.3	0.8	1.5	0.0	0.0	0.0	1.0
Hepatitis B (acute)	Male	0.0	0.0	0.8	0.4	1.2	5.7	7.5	8.6	7.8	8.9	5.6	7.8	3.5	3.6	1.1	2.5	1.7	0.0	4.1
	Female	0.0	0.0	0.0	0.0	0.9	2.9	4.0	0.9	4.0	3.1	3.9	3.7	1.3	3.2	0.0	0.0	1.3	0.0	1.8
	Total	0.0	0.0	0.4	0.2	1.1	4.4	5.9	4.8	5.9	6.0	4.7	5.7	2.4	3.4	0.5	1.1	1.5	0.0	2.9
Hepatitis B (chronic)	Male	1.6	0.4	2.9	9.8	12.9	22.0	31.9	34.0	31.6	33.9	25.4	27.9	24.1	20.7	8.6	6.2	8.7	12.0	18.5
	Female	2.1	1.3	3.1	9.5	19.4	28.5	29.2	24.3	23.1	14.6	18.6	19.4	18.0	16.7	7.5	10.5	3.9	2.9	15.1
	Total	1.8	0.9	3.0	9.6	16.4	25.3	30.6	29.7	27.7	24.2	22.2	23.5	21.3	19.0	8.0	9.1	6.0	6.3	17.0
***Haemophilus influenzae* (invasive)**	Male	3.9	0.4	0.4	0.0	0.0	0.4	0.4	0.4	1.7	1.3	0.5	1.1	2.1	0.9	2.1	3.7	1.7	4.8	1.1
	Female	3.7	0.0	0.0	0.0	0.5	0.8	0.4	0.0	0.4	1.8	0.5	4.7	1.3	3.2	0.9	4.2	3.9	7.2	1.4
	Total	3.8	0.2	0.2	0.0	0.2	0.6	0.4	0.2	1.1	1.6	0.5	3.0	1.7	2.1	1.5	4.0	3.0	6.3	1.3
Influenza-associated mortality in a child (<18 years)	Male	1.6	0.4	2.1	2.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.5
	Female	1.2	1.3	0.9	0.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.0
	Total	1.4	0.9	1.5	1.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.3
Kawasaki disease	Male	4.7	0.8	0.4	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	0.5
	Female	4.5	0.4	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	0.4
	Total	4.6	0.6	0.2	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	0.4
Legionellosis	Male	0.4	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	1.3	0.0	0.0	1.4	4.5	2.1	5.0	5.2	4.8	0.7
	Female	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.3	0.4	2.4	0.0	1.3	2.4	3.8	2.1	3.9	1.4	0.8
	Total	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.7	0.9	1.2	0.0	1.3	3.4	3.0	4.0	4.5	2.7	0.7

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Disease	Age	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
	Gender																			
Methicillin-resistant *Staphylococcus aureus* (invasive)	Male	4.3	0.4	0.0	3.0	5.4	3.8	8.0	8.6	19.5	26.3	31.5	41.8	56.8	47.7	47.1	74.8	73.0	132.1	20.2
	Female	2.5	0.0	0.9	1.4	3.7	2.1	5.4	7.7	11.1	11.9	20.0	23.1	27.0	42.2	48.1	37.9	42.9	66.2	14.0
	Total	3.4	0.4	0.4	2.4	5.0	3.2	6.7	8.1	16.2	19.8	27.4	33.5	42.2	45.6	49.1	56.5	56.5	91.8	17.8
Meningitis -- Aseptic	Male	15.7	6.6	5.0	8.9	9.1	8.4	9.6	5.2	3.5	8.0	6.6	4.5	6.4	3.6	7.5	7.5	10.4	4.8	7.6
	Female	7.8	2.6	4.0	6.8	12.5	12.1	11.7	12.6	10.7	5.7	7.3	4.7	7.7	7.2	10.4	4.2	3.9	2.9	8.0
	Total	11.8	4.7	4.5	7.9	10.7	10.2	10.6	8.8	7.0	6.9	7.0	4.6	7.1	5.5	9.0	5.7	6.7	3.6	7.8
Pertussis (confirmed & probable)	Male	13.3	2.1	2.5	4.7	1.2	1.5	2.1	2.2	1.7	1.8	2.5	1.7	2.1	2.7	0.0	0.0	3.5	0.0	2.9
	Female	11.5	3.9	3.1	4.5	5.1	5.9	6.7	5.9	5.3	6.6	3.4	5.8	7.1	6.4	2.8	2.1	2.6	2.9	5.5
	Total	12.4	3.0	2.8	4.6	3.1	3.6	4.3	4.0	3.5	4.2	3.0	3.8	4.7	4.6	1.5	1.1	3.0	1.8	4.2
Salmonellosis	Male	64.7	19.5	10.4	17.4	14.1	8.7	8.0	6.0	5.2	8.5	10.7	11.7	14.2	9.9	15.0	17.4	12.2	19.2	15.6
	Female	47.7	21.0	6.6	10.0	15.3	18.0	13.5	13.1	16.0	14.6	13.7	11.0	14.2	23.9	20.7	12.6	15.6	18.7	17.2
	Total	56.4	20.5	8.8	13.8	14.9	13.3	10.6	9.5	10.5	11.5	12.2	11.4	14.5	17.3	18.0	14.8	14.1	18.9	16.5
Shigellosis	Male	58.8	43.2	10.9	4.2	4.2	5.3	3.4	3.0	2.6	3.1	3.6	3.9	5.7	0.0	2.1	0.0	0.0	2.4	11.1
	Female	60.0	46.3	11.4	10.0	16.2	11.3	9.0	3.2	1.3	5.3	2.9	2.6	3.9	4.8	1.9	2.1	2.6	0.0	13.2
	Total	59.6	45.0	11.1	7.0	9.9	8.2	6.1	3.1	2.0	4.2	3.2	3.2	4.7	2.5	2.0	1.1	1.5	0.9	12.2
***Streptococcus* Group A (invasive)**	Male	1.2	1.2	0.4	0.8	1.2	0.8	1.3	2.6	3.0	3.6	1.5	3.3	5.0	5.4	7.5	10.0	12.2	7.2	2.6
	Female	2.1	0.0	0.9	0.0	1.8	1.3	1.8	0.5	1.3	1.3	1.5	1.6	5.1	4.0	3.8	10.5	9.1	12.9	2.3
	Total	1.6	0.6	0.6	0.4	1.5	1.0	1.5	1.5	2.2	2.4	1.5	2.4	5.1	4.6	5.5	10.3	10.4	10.8	2.4
***Stretococcus* Group B (invasive, <90 days)**	Male	0.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.5
	Female	0.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.6
	Total	0.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.6
***Streptococcus pneumoniae* (invasive)**	Male	24.3	5.4	5.0	3.4	4.2	3.4	5.9	8.2	12.1	19.6	27.9	19.5	27.0	21.6	9.6	23.7	26.1	62.5	13.5
	Female	24.3	7.9	1.3	2.3	4.6	6.3	4.0	6.3	8.9	11.9	11.2	19.4	25.1	30.2	27.3	38.9	32.5	54.7	13.5
	Total	25.7	6.6	3.4	2.9	4.4	5.0	5.0	7.3	10.5	16.0	19.7	19.5	26.0	26.6	19.0	31.9	29.8	58.5	13.8

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* . *Haemophilus influenzae* includes all invasive *H. influenzae* , not just meningitis, as of 1995. Meningococcal includes all invasive disease caused by *Neisseria meningitidis* , not just meningitis. Cases reported with an unknown sex or unknown age were added into the total for each morbidity. 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. In mid-2009, a large laboratory changed its reporting practices for coccidioidomycosis; reported coccidioidomycosis has been elevated since then.

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