Rates of Reported Cases of Selected Notifiable Diseases, by 5-Year Age Group and Gender, per 100,000 population, Arizona, 2010

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	46.0	19.5	13.5	8.4	9.1	13.7	9.4	13.8	12.1	15.5	15.8	14.0	11.4	13.5	16.6	17.1	25.2	10.6	15.8
	Female	30.9	17.5	5.5	8.9	15.0	15.4	11.2	13.6	6.5	14.0	12.7	16.3	13.6	12.7	12.5	10.5	9.0	10.7	13.6
	Total	38.6	18.5	9.6	8.7	12.0	14.5	10.3	13.7	9.3	14.8	14.2	15.2	12.5	13.1	14.4	13.6	16.1	10.6	15.0
Coccidioidomycosis	Male	10.7	27.7	50.2	112.1	102.4	121.9	152.2	183.1	186.0	180.7	206.5	207.1	266.5	277.7	302.1	321.4	345.6	272.9	154.1
	Female	11.7	28.8	63.3	159.2	155.4	221.6	245.5	285.7	309.6	301.6	282.9	276.7	286.9	298.1	284.7	291.7	319.0	214.7	211.3
	Total	11.2	28.2	56.6	135.0	127.9	170.5	198.0	233.8	247.0	241.4	245.7	243.6	277.2	288.5	293.0	305.7	330.6	236.0	186.0
Cryptosporidiosis	Male	0.9	0.9	0.9	0.0	0.9	1.3	0.0	1.0	0.0	0.9	2.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.6
	Female	0.4	1.3	1.4	0.4	0.9	0.0	1.0	0.0	0.0	1.4	0.0	1.0	0.0	1.3	0.9	0.0	0.0	0.0	0.6
	Total	0.7	1.1	1.1	0.2	0.9	0.7	0.5	0.5	0.0	1.2	1.0	0.5	0.0	1.1	0.5	0.0	0.0	0.0	0.6
***E. coli* (all Shiga-toxin producing)**	Male	6.9	3.0	1.7	2.1	0.4	0.4	0.9	0.5	0.5	0.9	0.0	0.0	1.8	0.0	1.9	5.2	3.9	0.0	1.6
	Female	4.9	1.3	2.3	0.9	0.9	1.9	1.0	1.0	1.0	0.5	1.9	2.5	0.5	0.7	0.9	1.2	0.0	1.5	1.5
	Total	5.9	2.2	2.0	1.5	0.7	1.1	1.0	0.7	0.7	0.7	1.0	1.3	1.1	0.4	1.4	3.1	1.7	1.0	1.6
Giardiasis	Male	11.2	3.5	3.1	0.8	2.2	2.7	4.2	2.9	4.9	3.3	3.5	1.7	2.4	1.5	0.0	1.3	1.9	2.6	3.3
	Female	6.3	2.7	2.3	1.8	2.3	0.9	1.0	1.9	1.0	2.3	1.4	1.0	1.1	0.7	0.0	1.2	1.5	3.0	1.9
	Total	8.8	3.1	2.7	1.3	2.3	1.8	2.6	2.4	2.9	2.8	2.4	1.3	1.7	1.1	0.0	1.2	1.7	2.9	2.6
Hepatitis A	Male	0.4	1.3	0.0	1.3	2.2	1.8	0.0	0.5	1.5	0.5	1.5	1.1	1.2	0.0	0.0	0.0	1.9	2.6	0.9
	Female	0.9	0.4	0.5	0.0	3.3	1.4	1.0	1.5	0.5	1.4	0.9	0.5	1.1	2.0	0.0	0.0	0.0	1.5	1.0
	Total	0.7	0.9	0.2	0.6	2.7	1.6	0.5	1.0	1.0	0.9	1.2	0.8	1.1	1.1	0.0	0.0	0.8	1.9	1.0
Hepatitis B (acute)	Male	0.4	0.0	0.0	0.4	1.7	7.1	6.1	2.9	6.3	4.7	3.5	5.6	5.4	2.2	0.0	0.0	1.9	2.6	3.0
	Female	0.0	0.0	0.0	0.0	0.0	3.7	2.9	0.5	7.0	4.2	3.3	2.0	0.5	2.0	1.8	0.0	0.0	0.0	1.7
	Total	0.2	0.0	0.0	0.2	0.9	5.5	4.6	1.7	6.6	4.4	3.4	3.7	2.8	2.1	0.9	0.0	0.8	1.0	2.3
Hepatitis B (chronic)	Male	1.7	2.6	4.4	11.0	13.9	21.3	28.3	26.2	32.5	28.2	33.1	20.1	13.8	11.2	6.8	10.5	11.6	2.6	16.8
	Female	1.3	1.3	2.7	7.6	15.5	29.9	28.4	23.8	18.9	21.0	12.2	8.6	9.2	10.7	12.5	9.3	6.0	3.0	13.1
	Total	1.5	2.0	3.6	9.3	14.7	25.5	28.3	25.0	25.8	24.6	22.4	14.1	11.4	11.0	9.8	9.9	8.5	2.9	15.1
***Haemophilus influenzae* (invasive)**	Male	3.0	0.4	0.0	0.0	0.9	0.0	0.0	0.5	1.9	0.0	1.5	1.1	4.2	2.2	1.9	7.9	7.8	13.2	1.5
	Female	4.9	2.2	0.0	0.0	0.5	1.4	1.0	0.0	1.5	0.9	0.5	4.1	2.2	4.0	3.6	9.3	4.5	9.1	2.1
	Total	3.9	1.3	0.0	0.0	0.7	0.7	0.5	0.2	1.7	0.5	1.0	2.7	3.1	3.2	2.8	8.6	5.9	10.6	1.8
Legionellosis	Male	0.4	0.0	0.0	0.0	0.0	0.4	0.0	0.0	1.0	2.8	0.5	2.8	3.6	3.7	3.9	3.9	13.6	2.6	1.3
	Female	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.9	1.0	1.6	4.0	0.9	2.3	3.0	0.0	0.7
	Total	0.4	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.5	1.9	1.2	1.9	2.6	3.9	2.3	3.1	7.6	1.0	1.0
Malaria*	Male	0.4	0.0	0.0	0.0	0.0	0.4	0.0	0.0	1.0	2.8	0.5	2.8	3.6	3.7	3.9	3.9	13.6	2.6	1.3
	Female	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.9	1.0	1.6	4.0	0.9	2.3	3.0	0.0	0.7
	Total	0.4	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.5	1.9	1.2	1.9	2.6	3.9	2.3	3.1	7.6	1.0	1.0

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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																			
Meningitis -- Aseptic	Male	19.3	15.1	13.5	14.3	15.2	14.6	13.2	9.0	9.2	8.9	3.5	6.7	6.0	6.0	7.8	9.2	11.6	15.9	11.4
	Female	17.0	10.3	10.0	10.7	19.7	14.9	13.7	17.0	12.9	10.7	10.8	8.6	3.3	10.0	3.6	1.2	3.0	7.6	11.4
	Total	18.2	12.8	11.8	12.6	17.4	14.8	13.4	13.0	11.1	9.8	7.2	7.7	4.6	8.1	5.6	4.9	6.8	10.6	11.5
Methicillin-resistant *Staphylococcus aureus* (invasive)	Male	1.7	0.9	1.3	1.7	7.0	7.5	10.4	17.1	21.9	24.0	30.1	37.5	35.9	40.4	60.4	93.2	108.7	127.2	21.6
	Female	2.7	0.4	0.9	0.0	1.9	3.3	3.4	8.8	9.5	15.8	17.4	27.5	25.5	36.8	28.5	55.8	62.9	51.8	14.0
	Total	2.2	0.7	1.1	0.9	4.5	5.5	7.0	13.0	15.7	19.9	23.6	32.2	30.5	38.5	43.7	73.3	82.9	79.3	18.2
Pertussis (confirmed & probable)	Male	19.8	8.2	12.7	4.6	0.0	3.1	3.8	4.3	5.3	4.2	4.0	7.3	3.0	2.2	5.8	3.9	0.0	0.0	5.9
	Female	15.7	6.7	10.5	8.5	6.6	10.7	18.1	11.7	17.9	16.3	11.3	10.7	10.9	12.1	7.1	5.8	1.5	1.5	11.2
	Total	17.8	7.5	11.6	6.5	3.2	6.8	10.8	7.9	11.6	10.3	7.7	9.1	7.1	7.4	6.5	4.9	0.8	1.0	8.5
Salmonellosis	Male	61.1	14.3	14.4	10.5	10.0	8.0	12.3	4.3	7.8	10.8	13.3	7.8	10.8	13.5	13.6	7.9	17.5	23.8	14.6
	Female	47.1	18.4	9.1	14.7	15.0	11.2	10.8	13.1	9.0	16.8	19.2	11.7	13.0	19.4	24.0	13.9	13.5	12.2	16.5
	Total	54.2	16.3	11.8	12.6	12.4	9.5	11.5	8.7	8.4	13.8	16.4	9.9	12.0	16.6	19.1	11.1	15.2	16.4	15.6
Shigellosis	Male	32.7	27.7	7.4	4.6	3.9	3.5	3.3	1.9	2.4	4.2	3.5	1.1	3.0	2.2	1.9	3.9	1.9	0.0	7.3
	Female	31.8	22.0	12.3	5.8	4.7	8.4	5.4	2.4	3.0	2.8	1.9	1.0	0.5	1.3	0.0	3.5	1.5	0.0	7.2
	Total	32.3	24.9	9.8	5.2	4.3	5.9	4.3	2.2	2.7	3.5	2.6	1.1	1.7	1.8	0.9	3.7	1.7	0.0	7.3
***Streptococcus* Group A (invasive)**	Male	2.6	2.6	1.3	0.4	1.3	2.7	0.9	1.9	2.4	5.2	4.0	3.9	4.8	6.0	12.7	6.6	9.7	15.9	3.4
	Female	3.6	1.3	0.0	1.8	0.0	1.9	2.0	1.0	2.0	1.4	3.3	3.6	2.7	6.7	1.8	10.5	7.5	7.6	2.5
	Total	3.1	2.0	0.7	1.1	0.7	2.3	1.4	1.4	2.2	3.3	3.6	3.7	3.7	6.4	7.0	8.6	8.5	10.6	3.0
***Streptococcus* Group B (invasive, <90 days)**	Male	0.4	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	0.5	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	0.6
***Streptococcus pneumoniae* (invasive)**	Male	23.2	3.0	3.1	3.4	3.0	5.3	4.7	8.1	7.8	17.4	22.7	20.1	15.0	24.7	22.4	38.0	60.2	37.1	13.0
	Female	22.0	3.6	0.9	0.4	2.8	1.9	4.9	4.4	8.5	10.7	14.5	19.3	15.8	27.5	28.5	25.6	32.9	65.5	12.0
	Total	22.6	3.3	2.0	1.9	2.9	3.6	4.8	6.3	8.1	14.1	18.5	19.7	15.4	26.2	25.6	31.4	44.8	55.1	12.9
West Nile virus	Male	0.0	0.4	0.4	0.8	0.9	1.3	2.4	3.8	3.4	5.6	5.4	5.0	4.2	4.5	1.9	7.9	9.7	7.9	2.8
	Female	0.0	0.0	1.4	0.9	0.0	0.9	2.0	1.5	4.5	5.1	2.8	4.1	3.3	6.0	2.7	2.3	6.0	6.1	2.4
	Total	0.0	0.2	0.9	0.9	0.5	1.1	2.2	2.6	3.9	5.4	4.1	4.5	3.7	5.3	2.3	4.9	7.6	6.8	2.6

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. 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.

*All cases of malaria were imported. There was no local transmission

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