

**TABLE 5F-2
RATES OF REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY CATEGORY FOR EACH COUNTY,
ARIZONA, 2005**

Disease	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Vaccine Preventable																
Measles	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
Mumps	0.0	1.4	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
Pertussis Perussis (confirmed cases only)	18.3 (8.0)	10.8 (5.4)	1.5 (0.0)	48.3 (26.0)	16.5 (12.9)	2.8 (0.0)	12.0 (0.0)	4.7 (0.0)	17.3 (6.8)	11.2 (4.8)	4.5 (2.7)	31.5 (16.3)	6.1 (3.2)	9.1 (9.1)	13.7 (2.9)	9.5 (3.7)
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> b*	0.2	0.0	0.0	0.0	29.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Central Nervous System																
Aseptic Meningitis	13.8	5.4	1.5	3.8	3.7	0.0	0.0	9.4	19.8	12.2	0.0	5.4	4.1	0.0	4.4	0.5
Meningococcal Disease	0.6	0.0	0.8	0.8	1.8	2.8	0.0	0.0	0.5	0.5	2.7	0.6	0.4	0.0	0.5	0.0
Viral Encephalitis	0.4	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.6	0.0	0.9	0.0	0.4	0.0	0.0	0.0
Enteritides																
Amebiasis	0.3	0.0	0.0	0.8	1.8	0.0	0.0	0.0	0.3	0.0	0.0	0.5	0.0	4.5	0.0	0.0
Campylobacteriosis	14.3	89.5	6.8	39.1	11.0	8.5	0.0	4.7	13.7	6.4	22.7	16.7	4.1	6.8	4.9	5.3
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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0
<i>E. coli</i> O157:H7	0.6	1.4	3.0	1.5	0.0	0.0	0.0	0.0	1.1	1.1	0.0	0.2	0.4	0.0	0.0	1.1
Giardiasis	3.0	1.4	0.8	4.6	3.7	2.8	0.0	4.7	3.3	5.3	1.8	3.4	1.2	0.0	0.5	1.1
Salmonellosis (except <i>S. Typhi</i> and <i>S. Paratyphi</i>)	12.2	20.3	6.8	16.1	16.5	16.9	12.0	4.7	10.3	5.3	30.0	18.7	14.6	6.8	7.3	13.7
<i>Salmonella</i> Paratyphi A	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>Salmonella</i> Paratyphi B	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	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	9.0	88.1	2.3	5.4	3.7	5.6	36.1	0.0	6.9	1.1	28.2	13.2	6.9	43.1	2.0	7.4
Typhoid Fever	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mycosis																
Coccidioidomycosis (Valley Fever)	58.1	4.1	9.9	7.7	11.0	45.1	12.0	47.2	67.5	20.7	6.4	78.3	63.7	4.5	12.2	7.9
Hepatitides																
Hepatitis A	3.2	1.4	23.5	5.4	5.5	2.8	0.0	18.9	1.9	1.1	1.8	4.1	3.6	27.2	2.4	5.8
Hepatitis B (acute)	6.2	2.7	0.8	6.9	11.0	2.8	24.1	0.0	6.6	10.1	7.3	5.2	5.7	2.3	5.9	5.8
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 C (acute)	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	0.1	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
Tuberculosis																
Pulmonary TB	4.1	2.7	0.8	0.8	3.7	0.0	0.0	9.4	4.1	3.2	0.0	3.1	8.9	2.3	1.0	14.8
Total TB	4.6	4.1	2.3	0.8	5.5	0.0	0.0	9.4	4.6	3.2	0.0	3.4	10.1	2.3	1.5	16.9

TABLE 5F-2 (continued)
RATES OF REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY CATEGORY FOR EACH COUNTY,
ARIZONA, 2005

Disease	ARIZONA	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Sexually Transmitted																
Genital Herpes	19.7	14.9	6.1	15.3	7.3	19.7	12.0	23.6	22.0	9.0	23.6	22.0	17.4	4.5	3.9	12.1
Gonorrhea	81.9	77.3	49.3	37.5	51.4	45.1	12.0	56.6	80.0	28.7	110.0	55.0	87.6	13.6	6.8	50.7
Gonococcal PID	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.9	0.0	0.8	0.0	0.0	0.5
Resistant Gonorrhea	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
Syphilis (primary and secondary)	2.9	2.7	0.0	0.8	1.8	0.0	0.0	0.0	3.0	1.1	0.9	5.6	1.2	0.0	0.5	0.0
Syphilis-Total	13.1	20.3	1.5	3.8	3.7	28.2	0.0	0.0	13.5	3.2	7.3	14.0	39.3	0.0	1.0	7.9
Chlamydia	351.8	639.8	188.2	422.1	339.8	228.5	96.4	207.6	310.8	164.9	526.4	265.3	264.3	215.6	129.7	229.6
Zoonoses/Vectorborne																
Brucellosis	0.1	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.1	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	0.0	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
Ehrlichiosis	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
Hantavirus Pulmonary Syndrome	0.1	5.4	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
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	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.3	0.0	0.0	0.0	0.0
Malaria	0.3	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.3	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0
Relapsing Fever, Tickborne	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
Rocky Mtn. Spotted Fever	0.4	0.0	0.0	0.0	18.4	2.8	0.0	0.0	0.0	0.0	12.7	0.0	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	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
West Nile Virus	1.8	1.4	0.8	0.0	0.0	5.6	0.0	4.7	2.1	1.6	0.0	1.8	2.8	0.0	0.5	0.5
Other																
Legionellosis	0.4	0.0	2.3	1.5	0.0	0.0	0.0	0.0	0.4	0.5	0.0	0.4	0.0	0.0	0.5	0.0
Listeriosis	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.9	0.3	0.0	0.0	0.0	0.0
Streptococcal Group A (Invasive)	5.0	5.4	2.3	16.1	7.3	0.0	0.0	0.0	4.6	4.3	10.0	6.9	4.9	2.3	2.4	0.0
Streptococcal Group B (Invasive disease in infants <30 days old)	0.5	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.6	0.4	0.5	0.4	0.0	0.0	0.0	0.3
<i>Streptococcus pneumoniae</i> (invasive)	12.0	5.4	10.6	20.7	11.0	8.5	24.1	18.9	13.0	9.6	13.6	12.3	13.0	2.3	3.9	0.0
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	0.0	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
Botulism	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	0.0	0.0	0.0
<i>Vibrio</i> spp. (except toxogenic <i>V. cholerae</i>)	0.3	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.2	0.0	0.0	0.0	0.0
Vancomycin resistant <i>Enterococcus</i> spp. (VRE)	32.4	20.3	25.0	42.9	29.4	16.9	24.1	28.3	37.3	28.2	31.8	26.0	22.7	15.9	24.9	4.7
Yersiniosis (except <i>Y. pestis</i>)	0.1	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0

Notes: Rates are calculated per 100,000 resident population. Non-resident cases were excluded when calculating rates. Cases with unknown county of residence were included when calculating total rates for Arizona. *Streptococcus pneumoniae* was only reportable by laboratories until Oct. 2004. *Haemophilus influenzae* type b includes all invasive *H. influenzae* type b, not just meningitis, and are age group specific rates. Meningococcal disease includes all invasive disease caused by *Neisseria meningitidis*, not just meningitis. Rates of invasive *Streptococcus* Group B in infants <90 days are per 1,000 live births. Animal rabies is not included.

The increase in the number of chlamydia and gonorrhea cases reported for 2005 was likely due to changes in surveillance and may not represent a true increase in incidence

PID is Pelvic Inflammatory Disease. Resistant Gonorrhea includes PPNG, penicillinase producing *Neisseria gonorrhoeae*, a form of gonorrhea which destroys penicillin, and CHRNG, chromosomally mediated resistant *Neisseria gonorrhoeae*, a form of gonorrhea which is resistant to penicillin.

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