

### Reported Cases of Notifiable Diseases by County for Arizona, 2005

| Disease  | Arizona | Apache | Cochise | Coconino | Gila | Graham | Greenlee | La Paz | Maricopa | Mohave | Navajo | Pima | Pinal | Santa Cruz | Yavapai | Yuma |
|--|---------|--------|---------|----------|------|--------|----------|--------|----------|--------|--------|------|-------|------------|---------|------|
| <b>Vaccine Preventable</b>   |         |        |         |          |      |        |          |        |          |        |        |      |       |            |         |      |
| Measles  | 1       | 0      | 0       | 0        | 0    | 0      | 0        | 0      | 1        | 0      | 0      | 0    | 0     | 0          | 0       | 0    |
| Mumps  | 1       | 1      | 0       | 0        | 0    | 0      | 0        | 0      | 0        | 0      | 0      | 0    | 0     | 0          | 0       | 0    |
| Pertussis (total)  | 1,108   | 8      | 2       | 63       | 9    | 1      | 1        | 1      | 630      | 21     | 5      | 302  | 15    | 4          | 28      | 18   |
| Pertussis confirmed cases  | 486     | 4      | 0       | 34       | 7    | 0      | 0        | 0      | 248      | 9      | 3      | 156  | 8     | 4          | 6       | 7    |
| Rubella  | 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    |
| <i>Haemophilus influenzae</i> type b<br>(invasive, age < 5 years)  | 1       | 0      | 0       | 0        | 1    | 0      | 0        | 0      | 0        | 0      | 0      | 0    | 0     | 0          | 0       | 0    |
| <b>Central Nervous System</b>                                      |         |        |         |          |      |        |          |        |          |        |        |      |       |            |         |      |
| Aseptic Meningitis   | 832     | 4      | 2       | 5        | 2    | 0      | 0        | 2      | 722      | 23     | 0      | 52   | 10    | 0          | 9       | 1    |
| Meningococcal Disease  | 36      | 0      | 1       | 1        | 1    | 1      | 0        | 0      | 20       | 1      | 3      | 6    | 1     | 0          | 1       | 0    |
| Viral Encephalitis   | 25      | 0      | 0       | 0        | 0    | 1      | 0        | 0      | 22       | 0      | 1      | 0    | 1     | 0          | 0       | 0    |
| <b>Enteritides</b>   |         |        |         |          |      |        |          |        |          |        |        |      |       |            |         |      |
| Amebiasis  | 20      | 0      | 0       | 1        | 1    | 0      | 0        | 0      | 11       | 0      | 0      | 5    | 0     | 2          | 0       | 0    |
| Campylobacteriosis   | 867     | 66     | 9       | 51       | 6    | 3      | 0        | 1      | 501      | 12     | 25     | 160  | 10    | 3          | 10      | 10   |
| Cholera  | 0       | 0      | 0       | 0        | 0    | 0      | 0        | 0      | 0        | 0      | 0      | 0    | 0     | 0          | 0       | 0    |
| Cryptosporidiosis  | 11      | 0      | 0       | 0        | 0    | 0      | 0        | 0      | 9        | 0      | 0      | 2    | 0     | 0          | 0       | 0    |
| <i>E. coli</i> O157:H7   | 35      | 1      | 4       | 2        | 0    | 0      | 0        | 0      | 41       | 2      | 0      | 2    | 1     | 0          | 0       | 2    |
| Giardiasis   | 183     | 1      | 1       | 6        | 2    | 1      | 0        | 1      | 120      | 10     | 2      | 33   | 3     | 0          | 1       | 2    |
| Salmonellosis (except <i>S. Typhi</i><br>and <i>S. Paratyphi</i> ) | 739     | 15     | 9       | 21       | 9    | 6      | 1        | 1      | 375      | 10     | 33     | 179  | 36    | 3          | 15      | 26   |
| <i>Salmonella</i> Paratyphi A                                      | 1       | 0      | 0       | 0        | 0    | 0      | 0        | 0      | 1        | 0      | 0      | 0    | 0     | 0          | 0       | 0    |
| <i>Salmonella</i> Paratyphi B                                      | 6       | 0      | 0       | 0        | 0    | 0      | 0        | 0      | 5        | 0      | 0      | 1    | 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    |
| Shigellosis  | 547     | 65     | 3       | 7        | 2    | 2      | 3        | 0      | 252      | 2      | 31     | 126  | 17    | 19         | 4       | 14   |
| Typhoid Fever  | 4       | 0      | 0       | 0        | 0    | 0      | 0        | 0      | 4        | 0      | 0      | 0    | 0     | 0          | 0       | 0    |
| <b>Mycosis</b>   |         |        |         |          |      |        |          |        |          |        |        |      |       |            |         |      |
| Coccidioidomycosis (Valley<br>Fever)                               | 3,515   | 3      | 13      | 10       | 6    | 16     | 1        | 10     | 2,461    | 39     | 7      | 750  | 157   | 2          | 25      | 15   |
| <b>Hepatitides</b>   |         |        |         |          |      |        |          |        |          |        |        |      |       |            |         |      |
| Hepatitis A  | 195     | 1      | 31      | 7        | 3    | 1      | 0        | 4      | 68       | 2      | 2      | 39   | 9     | 12         | 5       | 11   |
| Hepatitis B (acute)  | 375     | 2      | 1       | 9        | 6    | 1      | 2        | 0      | 239      | 19     | 8      | 50   | 14    | 1          | 12      | 11   |
| Hepatitis B, Perinatal   | 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    |
| Hepatitis D  | 2       | 0      | 0       | 0        | 0    | 0      | 0        | 0      | 2        | 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    |

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|---|---------|--------|---------|----------|------|--------|----------|--------|----------|--------|--------|------|-------|------------|---------|------|
| <b>Zoonoses/Vectorborne</b>                                     |         |        |         |          |      |        |          |        |          |        |        |      |       |            |         |      |
| Brucellosis   | 5       | 0      | 0       | 0        | 0    | 1      | 0        | 0      | 4        | 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    |
| Dengue  | 0       | 0      | 0       | 0        | 0    | 0      | 0        | 0      | 0        | 0      | 0      | 0    | 0     | 0          | 0       | 0    |
| Ehrlichiosis  | 1       | 0      | 0       | 0        | 0    | 0      | 0        | 0      | 1        | 0      | 0      | 0    | 0     | 0          | 0       | 0    |
| Hantavirus Pulmonary Syndrome                                   | 5       | 4      | 0       | 0        | 0    | 0      | 0        | 0      | 1        | 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    |
| Lyme Disease  | 10      | 0      | 0       | 0        | 0    | 0      | 0        | 0      | 7        | 0      | 0      | 3    | 0     | 0          | 0       | 0    |
| Malaria   | 21      | 0      | 0       | 1        | 0    | 0      | 0        | 0      | 17       | 0      | 0      | 3    | 0     | 0          | 0       | 0    |
| Plague  | 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    |
| Rocky Mtn. Spotted Fever  | 25      | 0      | 0       | 0        | 10   | 1      | 0        | 0      | 0        | 0      | 14     | 0    | 0     | 0          | 0       | 0    |
| St. Louis Encephalitis  | 1       | 0      | 0       | 0        | 0    | 0      | 0        | 0      | 1        | 0      | 0      | 0    | 0     | 0          | 0       | 0    |
| Tularemia   | 2       | 0      | 0       | 2        | 0    | 0      | 0        | 0      | 0        | 0      | 0      | 0    | 0     | 0          | 0       | 0    |
| West Nile Virus   | 111     | 1      | 1       | 0        | 0    | 2      | 0        | 1      | 77       | 3      | 0      | 17   | 7     | 0          | 1       | 1    |
| <b>Other</b>  |         |        |         |          |      |        |          |        |          |        |        |      |       |            |         |      |
| Legionellosis   | 26      | 0      | 3       | 2        | 0    | 0      | 0        | 0      | 15       | 1      | 0      | 4    | 0     | 0          | 1       | 0    |
| Listeriosis   | 13      | 0      | 0       | 0        | 0    | 0      | 0        | 0      | 8        | 1      | 1      | 3    | 0     | 0          | 0       | 0    |
| Streptococcal Group A (Invasive)                                | 303     | 4      | 3       | 21       | 4    | 0      | 0        | 0      | 168      | 8      | 11     | 66   | 12    | 1          | 5       | 0    |
| Streptococcal Group B (Invasive disease in infants<90 days old) | 44      | 0      | 1       | 0        | 0    | 0      | 0        | 0      | 35       | 1      | 1      | 5    | 0     | 0          | 0       | 1    |
| <i>Streptococcus pneumoniae</i> (invasive)                      | 726     | 4      | 14      | 27       | 6    | 3      | 2        | 4      | 474      | 18     | 15     | 118  | 32    | 1          | 8       | 0    |
| Reyes Syndrome  | 0       | 0      | 0       | 0        | 0    | 0      | 0        | 0      | 0        | 0      | 0      | 0    | 0     | 0          | 0       | 0    |
| Toxic Shock Syndrome  | 1       | 0      | 0       | 0        | 0    | 0      | 0        | 0      | 1        | 0      | 0      | 0    | 0     | 0          | 0       | 0    |
| Botulism  | 2       | 0      | 0       | 0        | 0    | 0      | 0        | 0      | 1        | 0      | 0      | 0    | 1     | 0          | 0       | 0    |
| <i>Vibrio</i> spp. (except toxogenic <i>V. cholerae</i> )       | 16      | 0      | 1       | 0        | 0    | 0      | 0        | 0      | 13       | 0      | 0      | 2    | 0     | 0          | 0       | 0    |
| Vancomycin resistant <i>Enterococcus</i> spp. (VRE)             | 1,956   | 15     | 33      | 56       | 16   | 6      | 2        | 6      | 1,362    | 53     | 35     | 249  | 56    | 7          | 51      | 9    |
| Yersiniosis (except <i>Y. pestis</i> )                          | 5       | 0      | 0       | 0        | 2    | 0      | 0        | 0      | 1        | 0      | 0      | 2    | 0     | 0          | 0       | 0    |

Notes: Non-resident cases have been excluded. Only incident cases are reported. *E. coli* 0157:H7, *Streptococcus*-Group B (invasive disease in infants <90 days old), *Streptococcus pneumoniae*, *Vibrio* spp., VRE and Yersiniosis became reportable in 1997. *E. coli* includes both *E. coli* 0157:H7 and Shiga-toxin positive *E. coli*. *Streptococcus pneumoniae* was only reportable by laboratories until Oct. 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. Salmonella Paratyphi A, Salmonella paratyphi B, and Salmonella paratyphi C have been reported separately from other *Salmonella* spp. beginning in 1997. Animal Rabies cases are not included. Hepatitis D has been reported separately from Hepatitis non-A non-B since 1997. Hepatitis E has been reported separately from Hepatitis non-A non-B beginning in 1998. 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, or age group.

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