

**County of Orange Health Care Agency**  
**Epidemiology and Assessment**  
**CASES AND CASE RATES (PER 100,000 POPULATION) OF REPORTABLE DISEASES**  
**2000-2002**

| MID-YEAR POPULATION*                             | YEAR      |       | 2000   |       | 2001   |       | 2002   |      |
|--|-----------|-------|--------|-------|--------|-------|--------|------|
|  | 2,863,529 |       | NUMBER | RATE  | NUMBER | RATE  | NUMBER | RATE |
| AIDS   | 300       | 10.5  | 240    | 8.2   | 282    | 9.5   |        |      |
| Amebiasis  | 18        | 0.6   | 24     | 0.8   | 18     | 0.6   |        |      |
| Botulism   | 2         | 0.1   | 4      | 0.1   | 2      | 0.1   |        |      |
| Brucellosis                                      | 0         | 0.0   | 1      | 0.0   | 1      | 0.0   |        |      |
| Campylobacteriosis                               | 314       | 11.0  | 262    | 9.0   | 294    | 9.9   |        |      |
| Chancroid  | 0         | 0.0   | 0      | 0.0   | 0      | 0.0   |        |      |
| Chlamydial Infection                             | 4,575     | 159.8 | 5,757  | 197.3 | 5,629  | 190.0 |        |      |
| Cholera  | 0         | 0.0   | 0      | 0.0   | 0      | 0.0   |        |      |
| Coccidioidomycosis                               | 16        | 0.6   | 23     | 0.8   | 25     | 0.8   |        |      |
| Cryptosporidiosis                                | 1         | 0.0   | 6      | 0.2   | 9      | 0.3   |        |      |
| Cysticercosis                                    | 6         | 0.2   | 2      | 0.1   | 15     | 0.5   |        |      |
| Dengue   | 0         | 0.0   | 3      | 0.1   | 0      | 0.0   |        |      |
| Echinococcosis (Hydatid Disease)                 | 2         | 0.1   | 0      | 0.0   | 0      | 0.0   |        |      |
| Encephalitis, Total                              | 6         | 0.2   | 9      | 0.3   | 14     | 0.5   |        |      |
| Encephalitis, Primary                            | 0         | 0.0   | 0      | 0.0   | 2      | 0.1   |        |      |
| Encephalitis, Post Infection                     | 0         | 0.0   | 0      | 0.0   | 0      | 0.0   |        |      |
| Encephalitis, Unknown                            | 6         | 0.2   | 5      | 0.2   | 10     | 0.3   |        |      |
| Encephalitis, Viral                              | 0         | 0.0   | 4      | 0.1   | 2      | 0.1   |        |      |
| <i>Escherichia Coli</i> O157:H7 Infection        | 30        | 1.0   | 13     | 0.4   | 17     | 0.6   |        |      |
| Foodborne Disease Outbreaks                      | 15        | 0.5   | 37     | 1.3   | 72     | 2.4   |        |      |
| Giardiasis                                       | 216       | 7.5   | 170    | 5.8   | 127    | 4.3   |        |      |
| Gonococcal Infection                             | 568       | 19.8  | 664    | 22.8  | 686    | 23.2  |        |      |
| <i>Haemophilus influenzae</i> , Invasive Disease | 5         | 0.2   | 3      | 0.1   | 4      | 0.1   |        |      |
| Hemolytic Uremic Syndrome                        | 2         | 0.1   | 0      | 0.0   | 3      | 0.1   |        |      |
| Hepatitis A                                      | 245       | 8.6   | 146    | 5.0   | 91     | 3.1   |        |      |
| Hepatitis B <sup>A</sup>                         | 58        | 2.0   | 48     | 1.6   | 56     | 1.9   |        |      |
| Hepatitis B, Chronic                             | 1,780     | 62.2  | 1,530  | 52.4  | 1,399  | 47.2  |        |      |
| Hepatitis C                                      | 4         | 0.1   | 10     | 0.3   | 10     | 0.3   |        |      |
| Hepatitis C, Chronic                             | 2,715     | 94.8  | 2,519  | 86.3  | 2,166  | 73.1  |        |      |
| Hepatitis D (Delta)                              | 0         | 0.0   | 1      | 0.0   | 0      | 0.0   |        |      |
| Hepatitis Non-A, Non-B                           | 2         | 0.1   | 2      | 0.1   | 1      | 0.0   |        |      |
| Hepatitis, Other                                 | 13        | 0.5   | 10     | 0.3   | 15     | 0.5   |        |      |
| Hepatitis, Unspecified                           | 6         | 0.2   | 1      | 0.0   | 2      | 0.1   |        |      |
| Kawasaki Syndrome                                | 17        | 0.6   | 16     | 0.5   | 16     | 0.5   |        |      |
| Legionellosis                                    | 4         | 0.1   | 0      | 0.0   | 5      | 0.2   |        |      |
| Leprosy (Hansen's Disease)                       | 2         | 0.1   | 0      | 0.0   | 0      | 0.0   |        |      |
| Leptospirosis                                    | 2         | 0.1   | 0      | 0.0   | 0      | 0.0   |        |      |
| Listeriosis                                      | 13        | 0.5   | 12     | 0.4   | 15     | 0.5   |        |      |
| Lyme Disease                                     | 3         | 0.1   | 0      | 0.0   | 4      | 0.1   |        |      |
| Lymphogranuloma Venereum                         | 0         | 0.0   | 0      | 0.0   | 0      | 0.0   |        |      |
| Malaria  | 15        | 0.5   | 12     | 0.4   | 17     | 0.6   |        |      |
| Measles (Rubeola)                                | 2         | 0.1   | 5      | 0.2   | 2      | 0.1   |        |      |
| Meningitis, Total                                | 331       | 11.6  | 310    | 10.6  | 378    | 12.8  |        |      |
| Meningitis, Bacterial                            | 45        | 1.6   | 26     | 0.9   | 42     | 1.4   |        |      |
| Meningitis, Fungal                               | 6         | 0.2   | 9      | 0.3   | 14     | 0.5   |        |      |
| Meningitis, Parasitic                            | 0         | 0.0   | 0      | 0.0   | 0      | 0.0   |        |      |
| Meningitis, Unknown                              | 18        | 0.6   | 4      | 0.1   | 3      | 0.1   |        |      |
| Meningitis, Viral (Aseptic)                      | 262       | 9.1   | 271    | 9.3   | 319    | 10.8  |        |      |
| Meningococcal Disease, Total                     | 22        | 0.8   | 14     | 0.5   | 9      | 0.3   |        |      |
| Meningococcal Meningitis                         | 6         | 0.2   | 5      | 0.2   | 5      | 0.2   |        |      |
| Meningococcal Infection, Other Invasive          | 1         | 0.0   | 0      | 0.0   | 0      | 0.0   |        |      |
| Meningococcemia                                  | 15        | 0.5   | 9      | 0.3   | 4      | 0.1   |        |      |
| Mumps  | 5         | 0.2   | 2      | 0.1   | 8      | 0.3   |        |      |

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| DISEASE                                   | YEAR 2000        |      | YEAR 2001        |      | YEAR 2002        |      |
|---|------------------|------|------------------|------|------------------|------|
|   | NUMBER           | RATE | NUMBER           | RATE | NUMBER           | RATE |
| <b>MID-YEAR POPULATION*</b>               | <b>2,863,529</b> |      | <b>2,918,427</b> |      | <b>2,962,808</b> |      |
| Non-Gonococcal Urethritis                 | 646              | 22.6 | 656              | 22.5 | 793              | 26.8 |
| Pelvic Inflammatory Disease               | 68               | 2.4  | 59               | 2.0  | 62               | 2.1  |
| Pertussis (Whooping Cough)                | 18               | 0.6  | 21               | 0.7  | 102              | 3.4  |
| Psittacosis                               | 0                | 0.0  | 0                | 0.0  | 0                | 0.0  |
| Q-fever                                   | 0                | 0.0  | 0                | 0.0  | 1                | 0.0  |
| Relapsing Fever                           | 0                | 0.0  | 0                | 0.0  | 0                | 0.0  |
| Reye Syndrome                             | 0                | 0.0  | 0                | 0.0  | 0                | 0.0  |
| Rheumatic Fever, Acute                    | 0                | 0.0  | 0                | 0.0  | 1                | 0.0  |
| Rocky Mountain Spotted Fever              | 0                | 0.0  | 0                | 0.0  | 0                | 0.0  |
| Rubella (German Measles)                  | 1                | 0.0  | 0                | 0.0  | 0                | 0.0  |
| Rubella Syndrome, Congenital              | 1                | 0.0  | 0                | 0.0  | 0                | 0.0  |
| Salmonellosis (other than Typhoid Fever)  | 353              | 12.3 | 268              | 9.2  | 310              | 10.5 |
| Scombroid Fish Poisoning                  | 4                | 0.1  | 12               | 0.4  | 7                | 0.2  |
| Shigellosis, Total                        | 197              | 6.9  | 138              | 4.7  | 177              | 6.0  |
| Shigella A - Dysenteriae                  | 2                | 0.1  | 3                | 0.1  | 0                | 0.0  |
| Shigella B - Flexneri                     | 55               | 1.9  | 50               | 1.7  | 42               | 1.4  |
| Shigella C - Boydii                       | 3                | 0.1  | 3                | 0.1  | 0                | 0.0  |
| Shigella D - Sonnei                       | 137              | 4.8  | 75               | 2.6  | 133              | 4.5  |
| Shigella, Species Unknown                 | 0                | 0.0  | 7                | 0.2  | 2                | 0.1  |
| Streptococcal Infection, Invasive Group A | 33               | 1.2  | 31               | 1.1  | 57               | 1.9  |
| Swimmer's Itch (Schistosomal Dermatitis)  | 4                | 0.1  | 0                | 0.0  | 2                | 0.1  |
| Syphilis, Total, All Stages               | 215              | 7.5  | 233              | 8.0  | 329              | 11.1 |
| Syphilis, Congenital                      | 10               | 0.3  | 1                | 0.0  | 4                | 0.1  |
| Syphilis, Early Latent                    | 19               | 0.7  | 26               | 0.9  | 31               | 1.0  |
| Syphilis, Latent                          | 5                | 0.2  | 8                | 0.3  | 3                | 0.1  |
| Syphilis, Late Latent                     | 152              | 5.3  | 159              | 5.4  | 260              | 8.8  |
| Syphilis, Primary                         | 7                | 0.2  | 17               | 0.6  | 17               | 0.6  |
| Syphilis, Secondary                       | 21               | 0.7  | 22               | 0.8  | 14               | 0.5  |
| Syphilis, Other                           | 1                | 0.0  | 0                | 0.0  | 0                | 0.0  |
| Taeniasis                                 | 0                | 0.0  | 0                | 0.0  | 1                | 0.0  |
| Tetanus                                   | 0                | 0.0  | 0                | 0.0  | 5                | 0.2  |
| Toxic Shock Syndrome                      | 4                | 0.1  | 4                | 0.1  | 6                | 0.2  |
| Toxoplasmosis                             | 0                | 0.0  | 0                | 0.0  | 0                | 0.0  |
| Tuberculosis, Total                       | 246              | 8.6  | 278              | 9.5  | 230              | 7.8  |
| Pulmonary TB                              | 174              | 6.1  | 195              | 6.7  | 157              | 5.3  |
| Pulm & Extrapulm TB                       | 25               | 0.9  | 18               | 0.6  | 23               | 0.8  |
| Extrapulmonary TB                         | 47               | 1.6  | 65               | 2.2  | 50               | 1.7  |
| Typhoid Fever, Carrier                    | 0                | 0.0  | 1                | 0.0  | 0                | 0.0  |
| Typhoid Fever, Case                       | 3                | 0.1  | 0                | 0.0  | 3                | 0.1  |
| Typhus Fever                              | 0                | 0.0  | 0                | 0.0  | 0                | 0.0  |
| <i>Vibrio</i> Infections                  | 6                | 0.2  | 3                | 0.1  | 0                | 0.0  |
| Waterborne Outbreaks                      | 0                | 0.0  | 0                | 0.0  | 0                | 0.0  |
| Yersiniosis                               | 8                | 0.3  | 2                | 0.1  | 2                | 0.1  |

\*Includes 8 cases of perinatal hepatitis B in 2002

\*Source: Population Data from State of California, Department of Finance, July 1 County Population Estimates, Sacramento, CA, March 2005.

Reportable disease data from County of Orange Health Care Agency, Epidemiology & Assessment Unit, Weekly Morbidity Data, 2000-2002.

AIDS data from County of Orange Health Care Agency, HIV/AIDS Surveillance and Monitoring Program

Tuberculosis data from County of Orange Health Care Agency, Pulmonary Disease Services