



2011-2015 Profile of Malaria in Dallas County

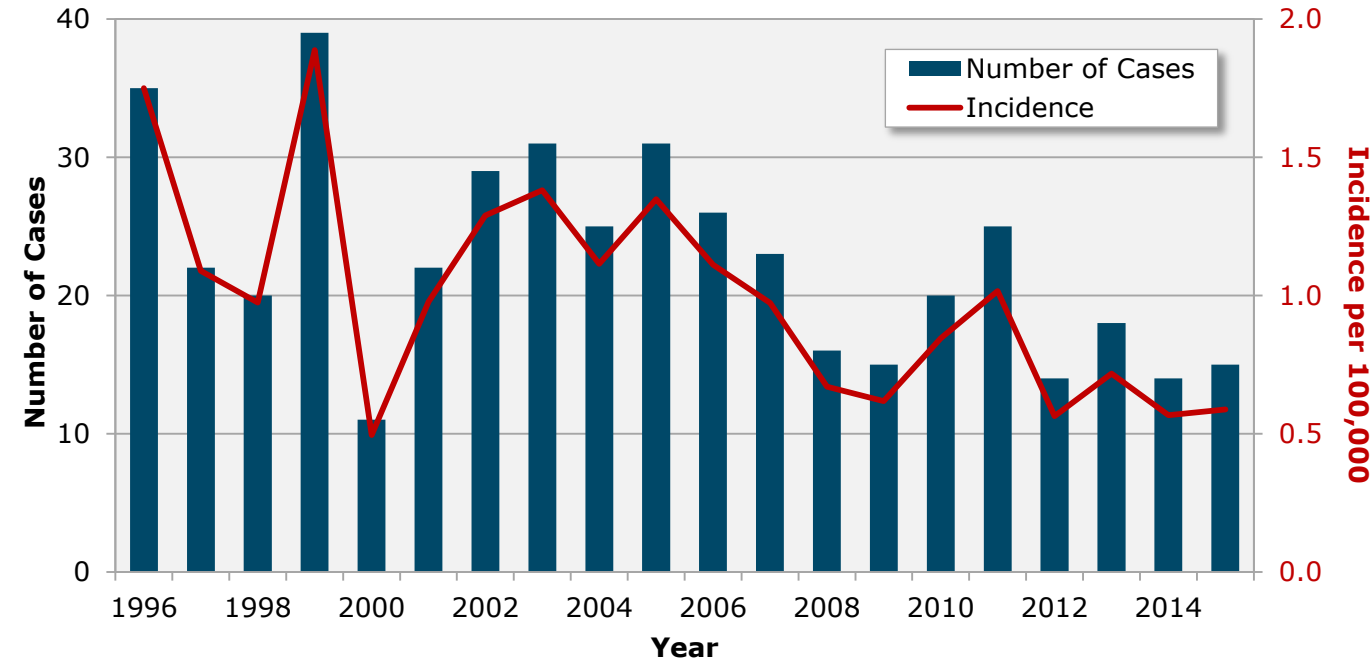
Dallas County Health and Human Services

Summary of Malaria Cases, 2011-2015

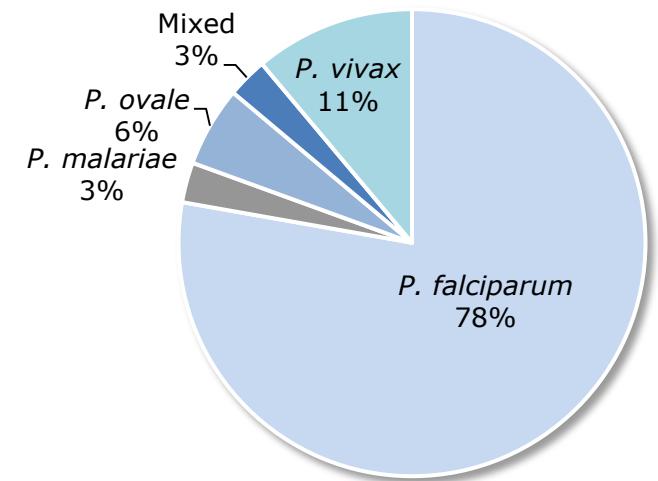
| | n (%) | Incidence per 100,000 |
|------------------------------|------------|-----------------------|
| Total | 86 (100.0) | 0.70 |
| Sex | | |
| Male | 53 (61.6) | 0.87 |
| Female | 33 (38.4) | 0.53 |
| Race/Ethnicity | | |
| Hispanic | 1 (1.2) | 0.02 |
| White | 12 (14.0) | 0.30 |
| Black | 61 (70.9) | 2.21 |
| Asian | 12 (14.0) | 1.71 |
| American Indian | 0 | N/A |
| Age Group (years) | | |
| 0-17 | 17 (19.8) | 0.51 |
| 18-24 | 10 (11.6) | 0.85 |
| 25-44 | 31 (36.0) | 0.82 |
| 45-64 | 25 (29.1) | 0.88 |
| ≥65 | 3 (3.5) | 0.26 |
| Hospitalizations | | |
| Hospitalizations | 63 (73.3) | N/A |
| Prophylaxis Received* | | |
| Yes | 19 (27.1) | N/A |
| No | 51 (72.9) | N/A |
| Reason for Travel* | | |
| Visiting Friends/Relatives | 49 (65.3) | N/A |
| Immigrant/Refugee | 10 (13.3) | N/A |
| Missionary | 7 (9.3) | N/A |
| Business | 3 (4.0) | N/A |
| Student/Teacher | 3 (4.0) | N/A |
| Tourism | 3 (4.0) | N/A |

N/A = Not applicable

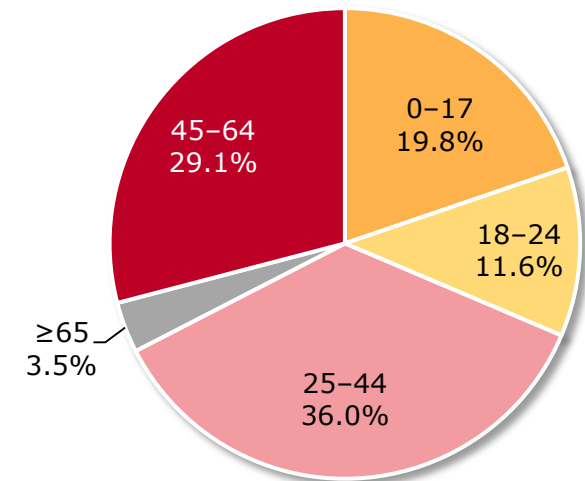
Malaria Cases and Incidence by Year of Onset, Dallas County, 1996-2015



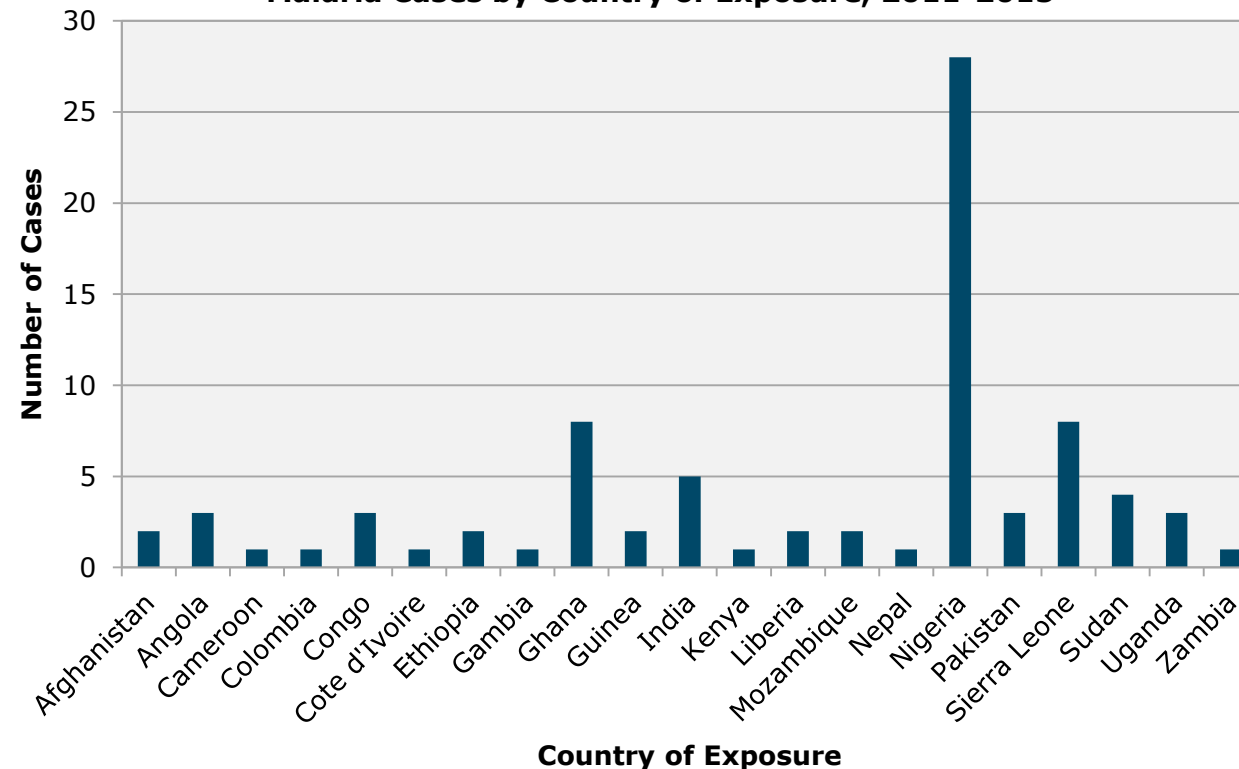
Malaria Cases by Species of Parasite, 2011-2015, (n=72*)



Malaria Cases by Age Group (years), 2011-2015, (n=86)



Malaria Cases by Country of Exposure, 2011-2015



Summary

- From 2011-2015, between 14-25 persons have been diagnosed with malaria each year in Dallas County.
- 65% of cases reported visiting friends or family as their reason for travel to a malaria-endemic country.
- Most cases (84%) were acquired in Africa; 61% of cases were acquired in countries within West Africa.
- 73% of cases reported not using chemoprophylaxis.
- The majority of cases (73%) were hospitalized.

*Percent based on known numbers

Note: Incidence calculated using projected population data for 2015; 5 year average incidence from 2011-2015

Data Sources: Dallas County Department of Health and Human Services, Epidemiology Division; National Electronic Disease Surveillance System (NEDSS); Population data obtained through the Centers for Disease Control and Prevention: WONDER Bridged-Race Population Estimates 1990-2015.