



2013-2017 Profile of Malaria in Dallas County

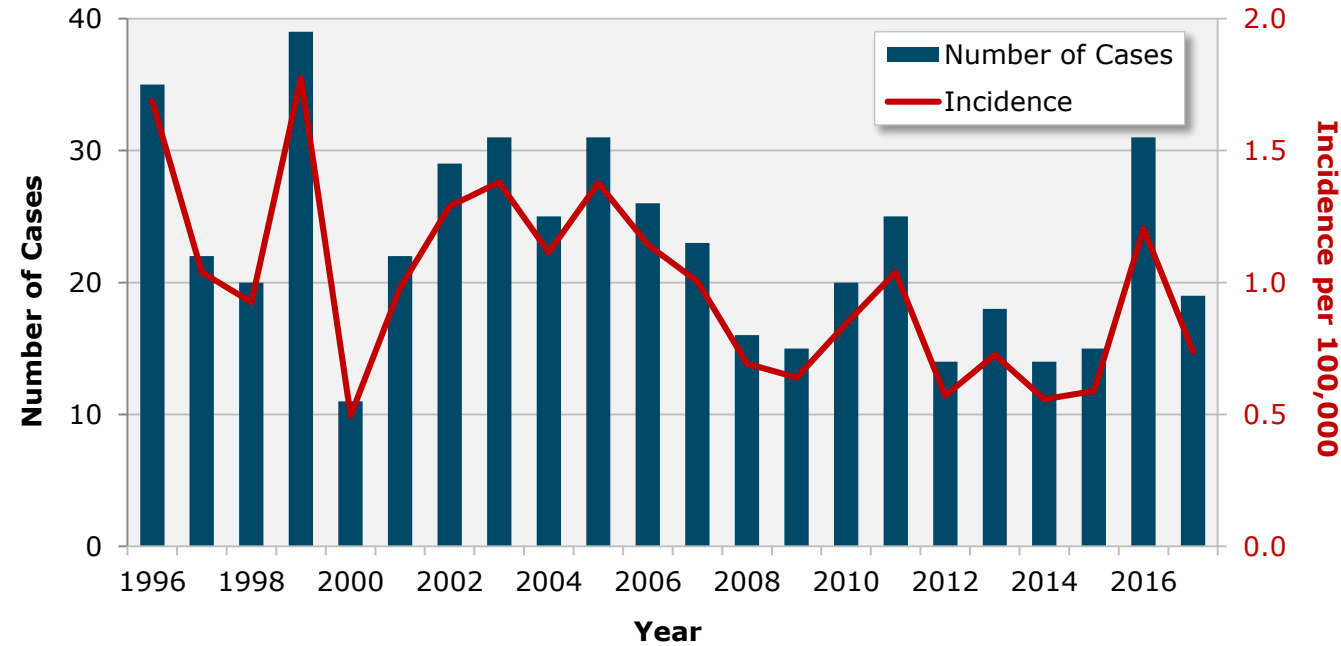
Dallas County Health and Human Services

Summary of Malaria Cases, 2013-2017

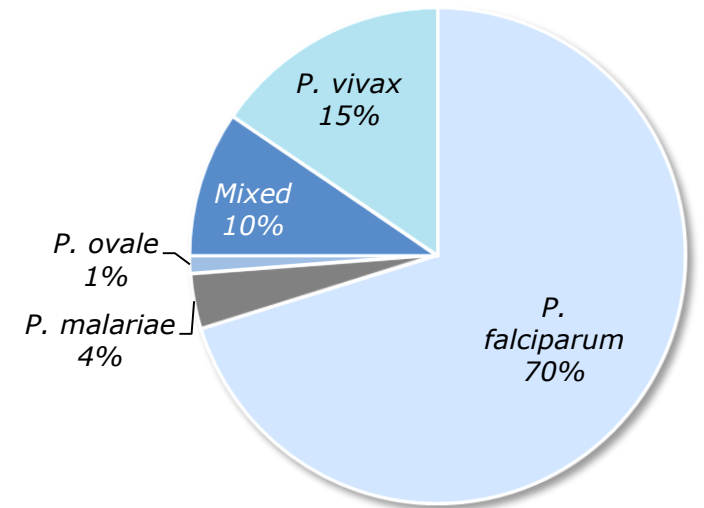
| | n (%) | Incidence per 100,000 |
|------------------------------|------------|-----------------------|
| Total | 97 (100.0) | 0.8 |
| Sex | | |
| Male | 63 (64.9) | 1.0 |
| Female | 34 (35.1) | 0.5 |
| Race/Ethnicity | | |
| Hispanic | 1 (1.0) | 0.1 |
| White | 11 (11.3) | 1.4 |
| Black | 71 (73.2) | 12.0 |
| Asian | 14 (14.4) | 8.5 |
| American Indian | 0 (0.0) | N/A |
| Age Group (years) | | |
| 0-17 | 27 (27.8) | 0.8 |
| 18-24 | 10 (10.3) | 0.8 |
| 25-44 | 35 (36.1) | 0.9 |
| 45-64 | 22 (22.7) | 0.8 |
| ≥65 | 3 (3.1) | 0.3 |
| Hospitalizations | 78 (80.4) | N/A |
| Prophylaxis Received* | | |
| Yes | 17 (17.5) | N/A |
| No | 80 (82.5) | N/A |
| Reason for Travel* | | |
| Visiting Friends/Relatives | 44 (53.7) | N/A |
| Immigrant/Refugee | 23 (28.0) | N/A |
| Missionary | 2 (2.4) | N/A |
| Business | 5 (6.1) | N/A |
| Student/Teacher | 5 (6.1) | N/A |
| Tourism | 3 (3.7) | N/A |

N/A = Not applicable
*Percent based on known numbers

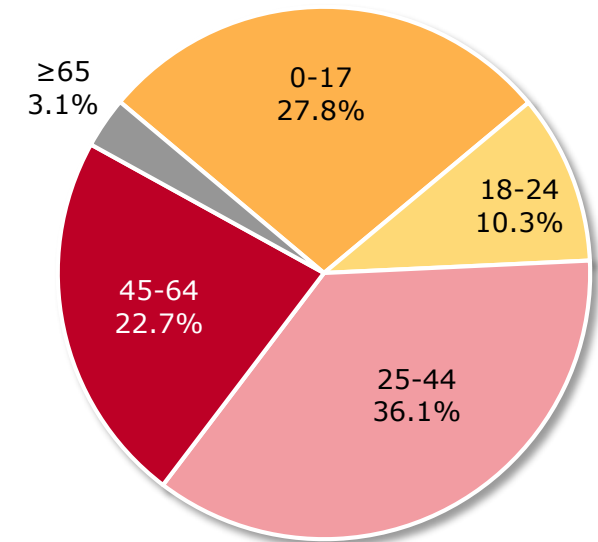
Malaria Cases and Incidence by Year of Onset, Dallas County, 1996-2017



Malaria Cases by Species of Parasite, 2013-2017 (n=97*)



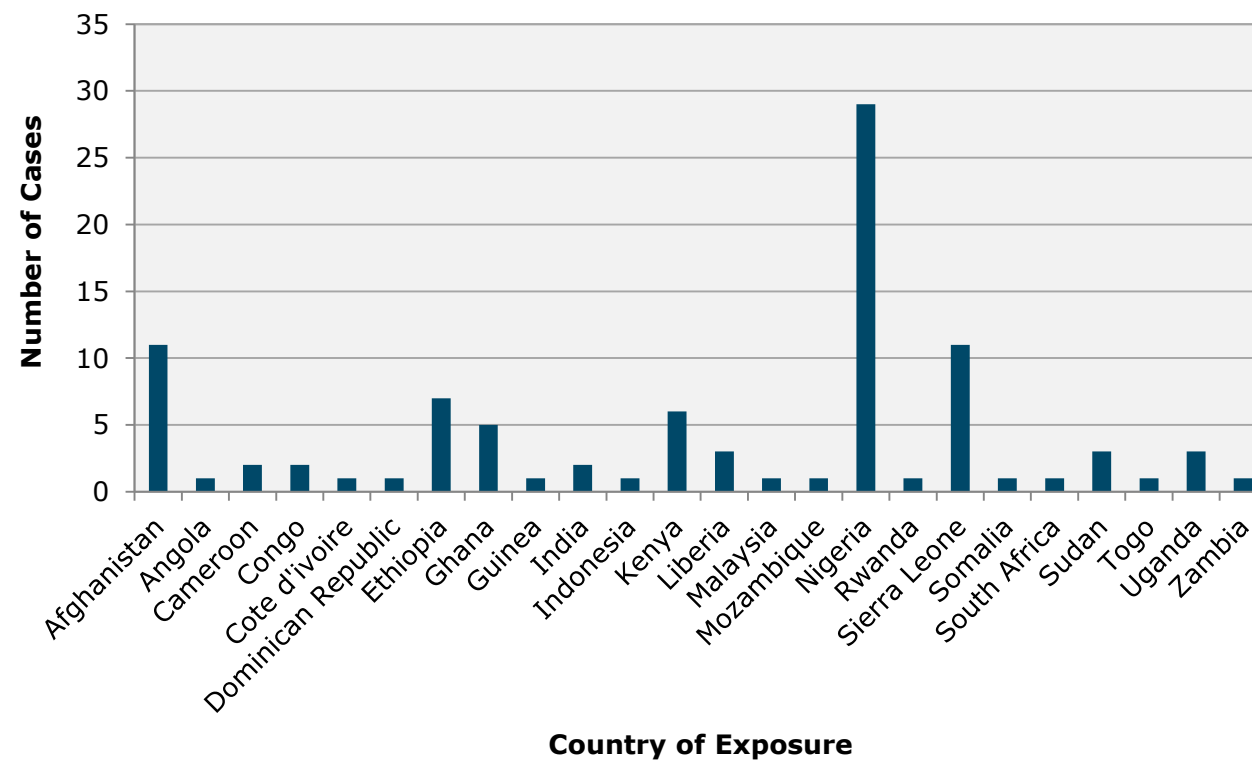
Malaria Cases by Age Group (years), 2013-2017, (n=97)



Summary

- In 2017, 19 persons have been diagnosed with malaria in Dallas County.
- Over 53% of cases reported visiting friends or family as their reason for travel to a malaria-endemic country.
- Most cases (81%) were acquired in Africa; 53% of cases were acquired in countries within West Africa.
- Over 82% of cases reported not using chemoprophylaxis.
- The majority of cases (80%) were hospitalized.

Malaria Cases by Country of Exposure, 2013-2017



Country of Exposure

Note: Incidence calculated using projected population data for 2016; 5 year average incidence from 2012-2016

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 1990-2016.