



2014 Profile of Shigellosis in Dallas County

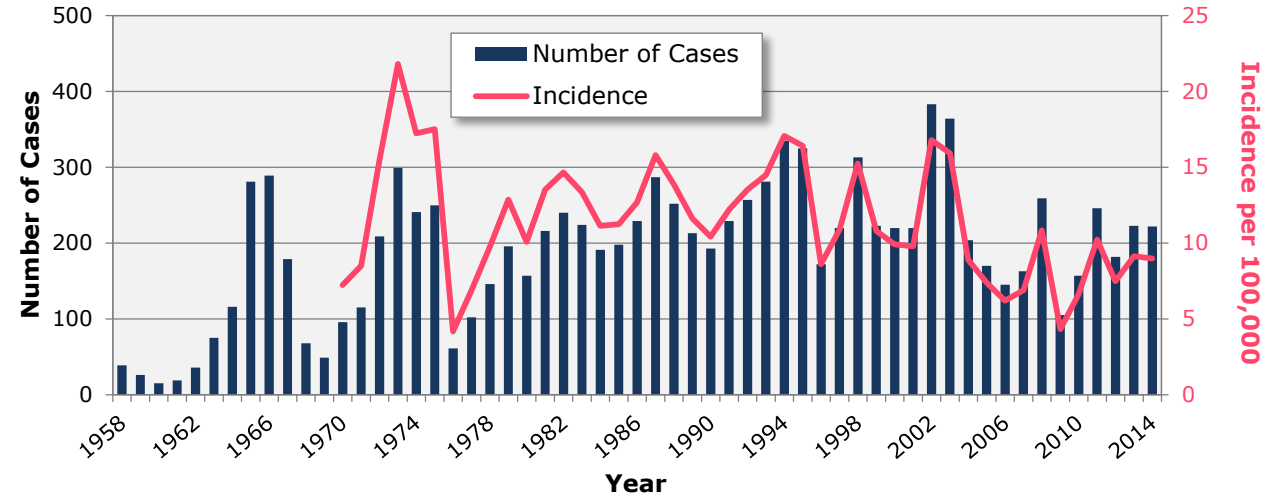
Dallas County Health and Human Services

Summary of Shigellosis Cases, 2014

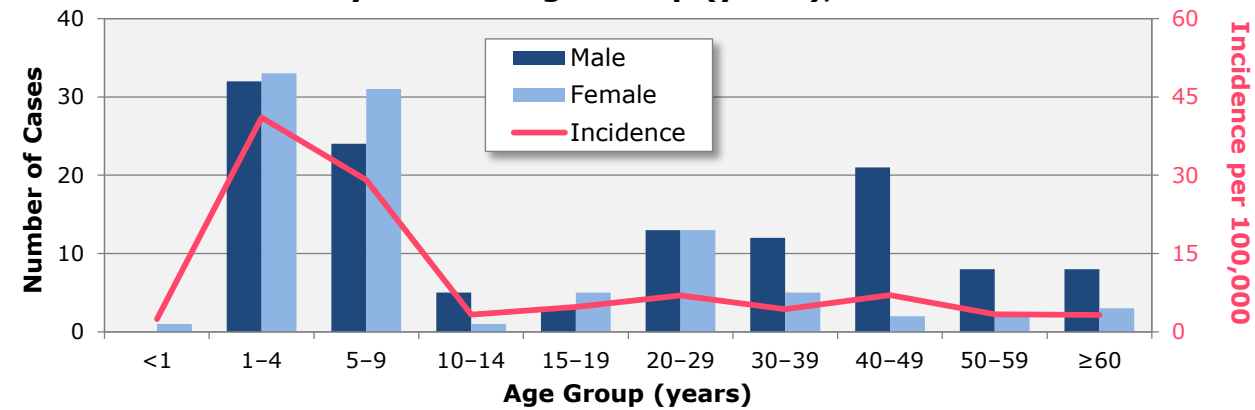
| | n (%) | Incidence per 100,000 |
|--------------------------|-------------|-----------------------|
| Total | 222 (100.0) | 9.0 |
| Sex | | |
| Male | 126 (56.8) | 7.8 |
| Female | 96 (43.2) | 7.7 |
| Race/Ethnicity | | |
| White | 71 (32.0) | 9.0 |
| Hispanic | 94 (42.3) | 9.7 |
| Black | 51 (23.0) | 9.3 |
| Asian | 5 (2.3) | 3.6 |
| Other | 1 (0.5) | 13.5 |
| Age Group (years) | | |
| <1 | 1 (0.5) | 2.4 |
| 1-4 | 65 (29.3) | 41.0 |
| 5-9 | 55 (24.8) | 29.1 |
| 10-14 | 6 (2.7) | 3.3 |
| 15-19 | 8 (3.6) | 4.8 |
| 20-29 | 26 (11.7) | 7.0 |
| 30-39 | 17 (7.7) | 4.4 |
| 40-49 | 23 (10.4) | 7.0 |
| 50-59 | 10 (4.5) | 3.4 |
| ≥60 | 11 (5.0) | 3.2 |
| Hospitalizations | 42 (18.9) | 1.7 |

- *Shigella* causes the bacterial diarrheal illness shigellosis; the infection can be spread from person to person, or can be acquired from eating contaminated food.
- Greater numbers of cases occur during the summer months in Dallas, with highest rates of infection occurring in young children.
- The incidence of shigellosis has been decreasing overall through the past 2 decades locally and nationally.

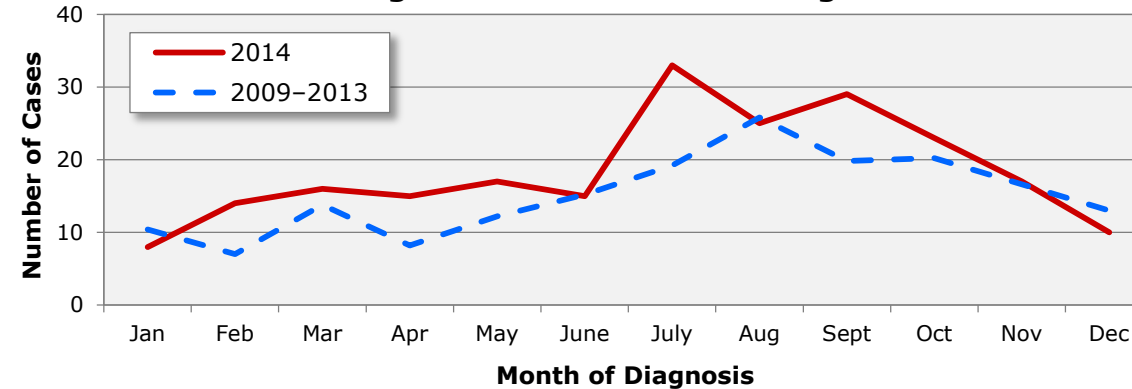
Shigellosis Cases and Incidence* by Year of Onset Dallas County, 1958-2014



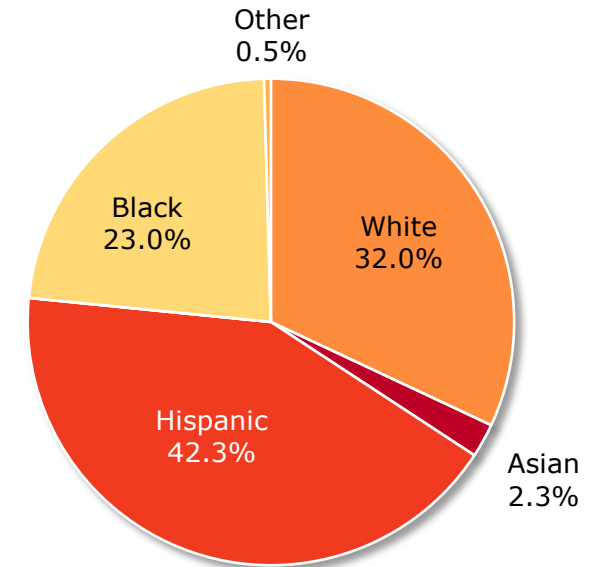
Shigellosis Cases and Incidence by Sex and Age Group (years), 2014



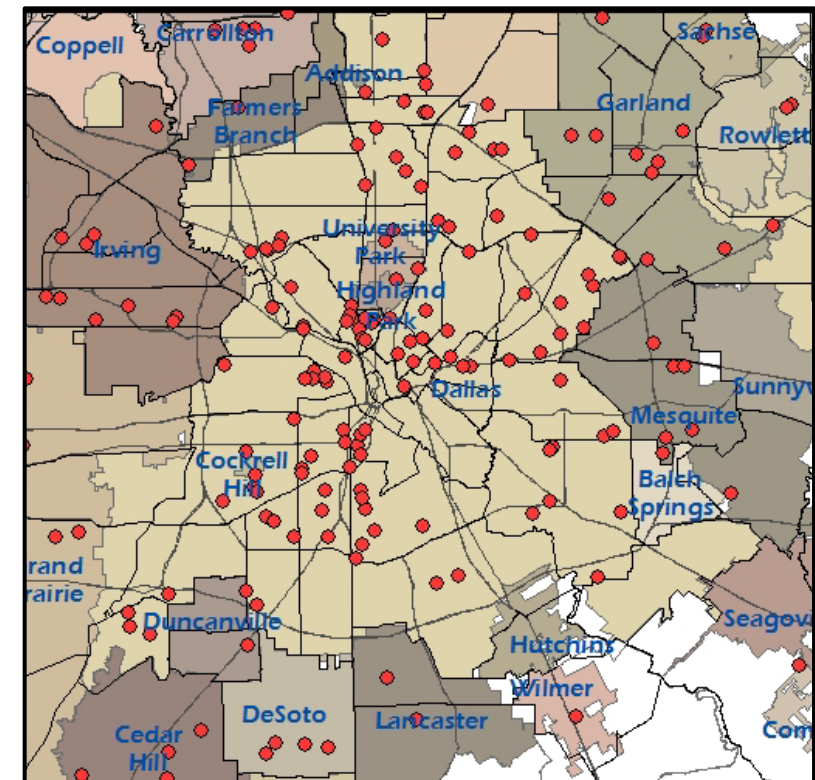
Shigellosis Cases by Month of Diagnosis, 2014 and Average Number of Cases During 2009-2013



Shigellosis Cases by Race/Ethnicity, 2014 (n=222)



Distribution of Shigellosis Cases, 2014



Note: Incidence calculated using projected population data for 2014; 5-year average incidence from 2009 - 2013.

*Incidence not calculated prior to 1970 as annual population data is unavailable through the USA Counties Database.

Data Sources: Dallas County Department of Health and Human Services, Epidemiology Division; National Electronic Disease Surveillance System (NEDSS); Texas Department of State Health Services, Center for Health Statistics, available at <http://www.dshs.state.tx.us/chs/popdat/detailX.shtm>; United States Census Bureau, Population and Housing Unit Estimates, available at <http://www.census.gov/popest/>.