2011-2015 Profile of Typhoid in Dallas County

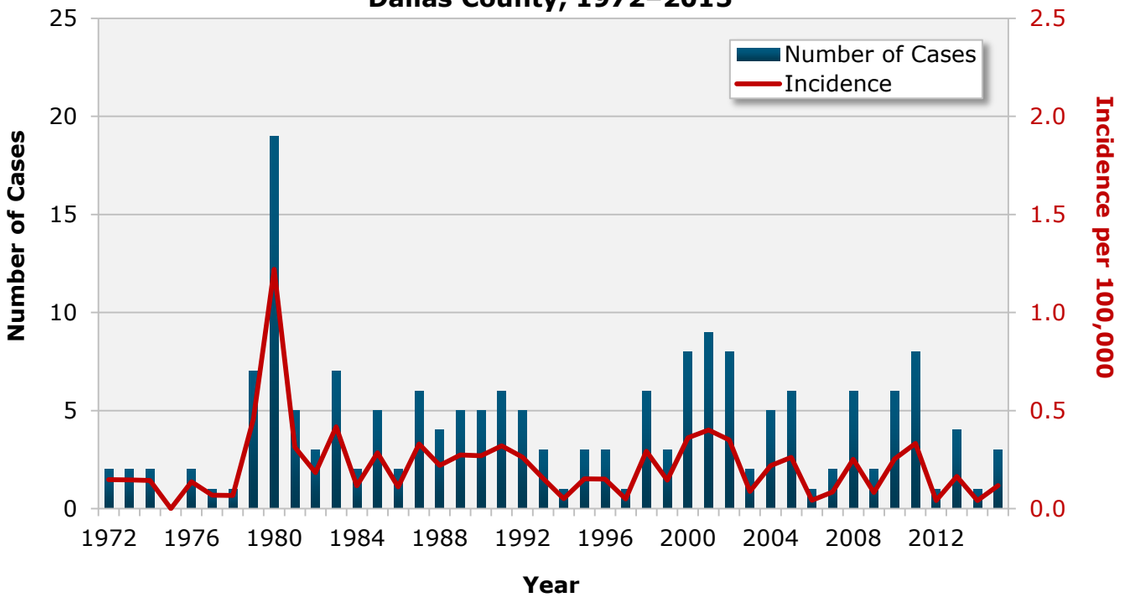
Dallas County Health and Human Services

Summary of Typhoid Cases, 2011-2015

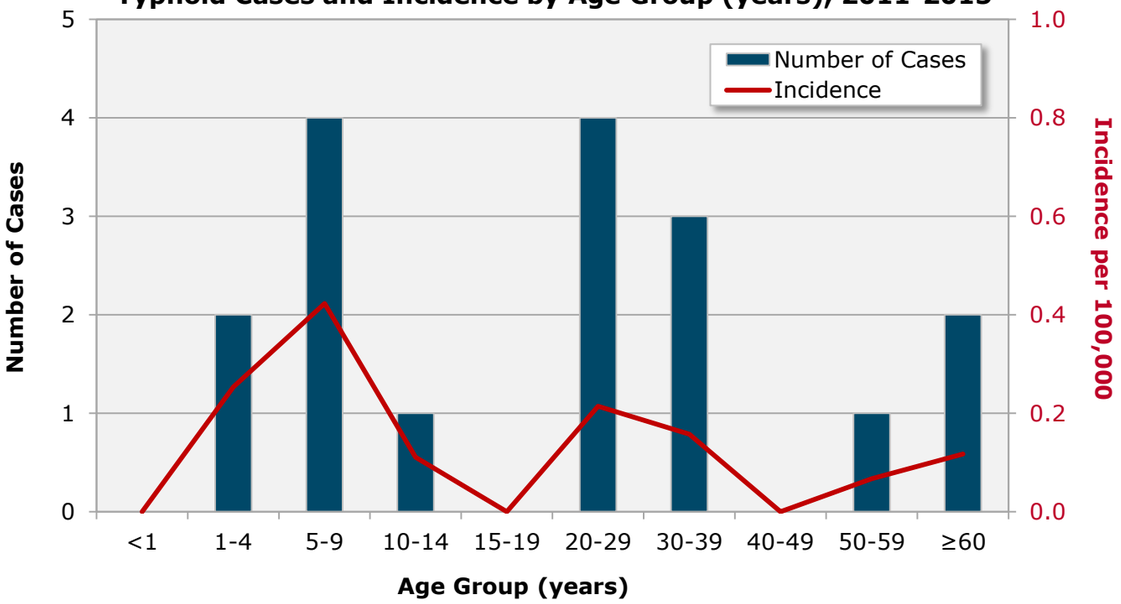
	n (%)	Incidence per 100,000
Total	17 (100.0)	0.14
Sex		
Male	9 (52.9)	0.15
Female	8 (47.1)	0.13
Race/Ethnicity		
Hispanic	1 (5.9)	0.02
White	1 (5.9)	0.03
Black	3 (17.6)	0.11
Asian	12 (70.6)	1.71
American Indian	0	N/A
Age Group 2 (years)		
<1	0	N/A
1–4	2 (11.8)	0.25
5–9	4 (23.5)	0.42
10–14	1 (5.9)	0.11
15–19	0	N/A
20–29	4 (23.5)	0.21
30–39	3 (17.6)	0.16
40–49	0	N/A
50–59	1 (5.9)	0.07
≥60	2 (11.8)	0.12
Hospitalizations	11 (64.7)	0.09
Travel History		
Yes	16 (94.1)	N/A
No	1 (5.9)	N/A
Country of Exposure		
Bangladesh	3 (18.8)	N/A
India	8 (50.0)	N/A
Mexico	1 (6.3)	N/A
Nigeria	1 (6.3)	N/A
Pakistan	2 (12.5)	N/A
Vietnam	1 (6.3)	N/A

N/A = Not applicable

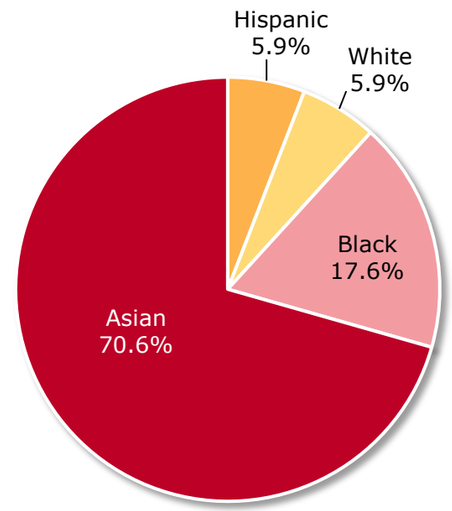
Typhoid Cases and Incidence by Year of Onset, Dallas County, 1972–2015



Typhoid Cases and Incidence by Age Group (years), 2011-2015



Typhoid Cases by Race/Ethnicity, 2011-2015 (n=17)



Summary

- Typhoid fever is caused by the bacterium *Salmonella* Typhi, and can cause serious life-threatening illness.
- In the U.S. and in Dallas County, the majority of typhoid fever cases diagnosed were acquired during international travel; typhoid fever is common in non-industrialized regions of the world.
- Typhoid fever can be prevented with typhoid vaccination prior to international travel, and avoidance of potentially contaminated uncooked foods or contaminated water.
- Although typhoid fever is treatable with antibiotics, persons with the infection will need to be tested following completion of treatment to ensure that no *Salmonella* Typhi bacteria are still being shed.

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.