



2017 Profile of Pertussis in Dallas County

Dallas County Health and Human Services

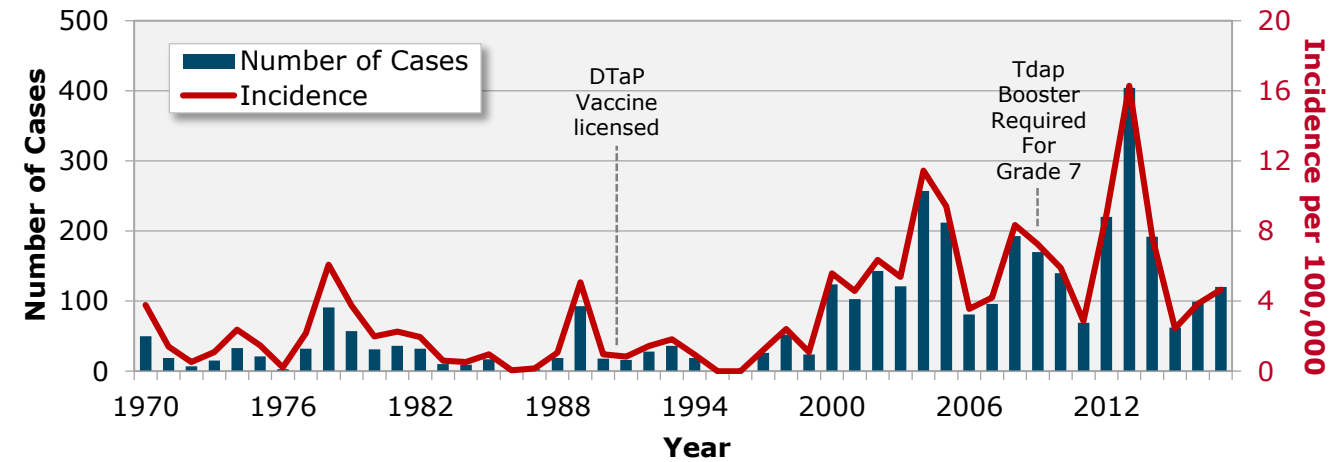
Summary of Pertussis Cases, 2017

	n (%)	Incidence per 100,000
Total	120 (100.0)	4.7
Sex		
Male	59 (49.2)	4.7
Female	61 (50.8)	4.7
Race/Ethnicity		
Hispanic	53 (44.2)	5.2
White	32 (26.7)	4.1
Black	5 (4.2)	0.8
Asian	3 (2.5)	1.8
Unknown	26 (21.7)	N/A
Age Group (years)		
<1	30 (25.0)	74.3
1-6	33 (27.5)	14.2
7-10	21 (17.5)	13.4
11-19	23 (19.2)	7.1
≥20	13 (10.8)	0.7
Hospitalizations	15 (12.7)	0.6
Deaths	0	N/A

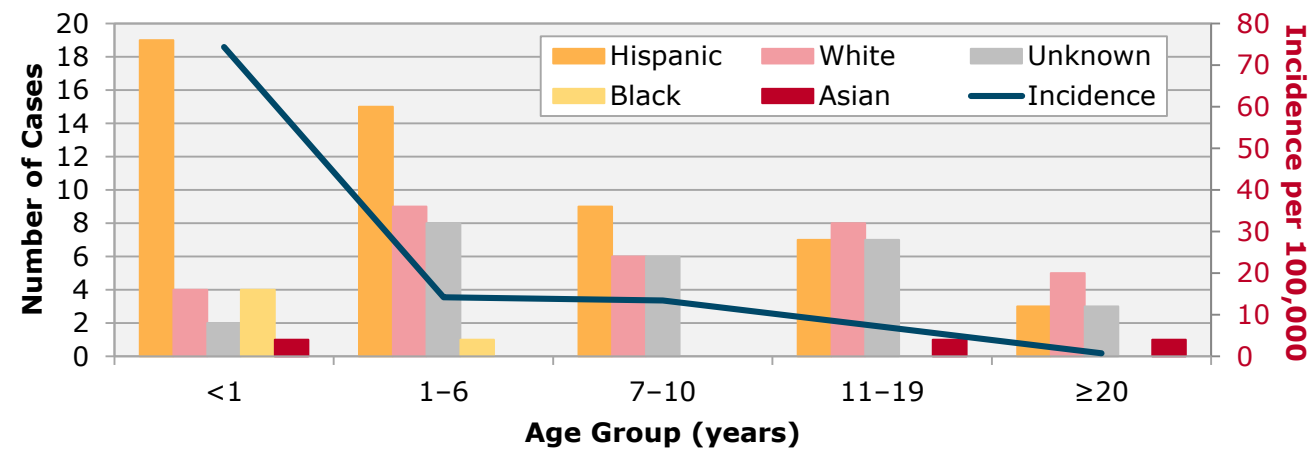
N/A = Not applicable

- In 2017, Dallas County had a 21% increase in reported pertussis cases compared to 2016.
- The majority (87.5%) of pertussis cases occurred in infants and children under 18 years of age.
- In 2017, the highest proportion of pertussis cases reported in Dallas County was in the Hispanic or Latino population.
- About 80% of all hospitalizations for pertussis were infants under one year of age. The remaining hospitalizations over 20 years old.

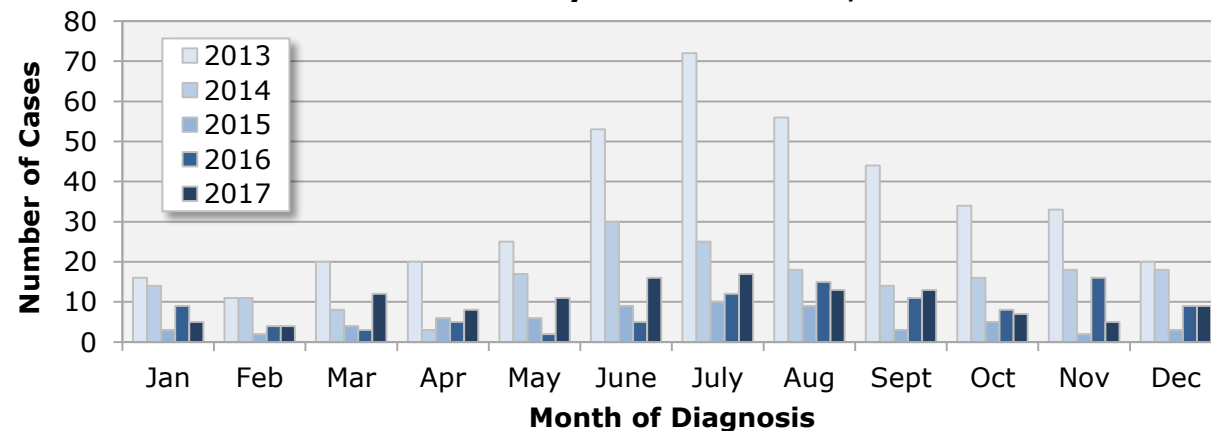
Pertussis Cases and Incidence* by Year of Onset, Dallas County, 1970-2017



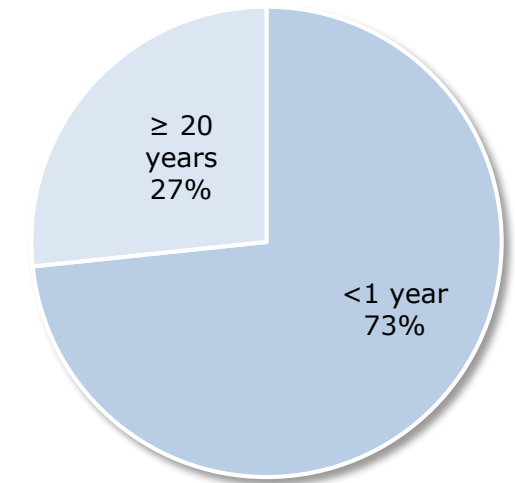
Pertussis Cases by Race/Ethnicity per Age Group and Incidence by Age Group, 2017



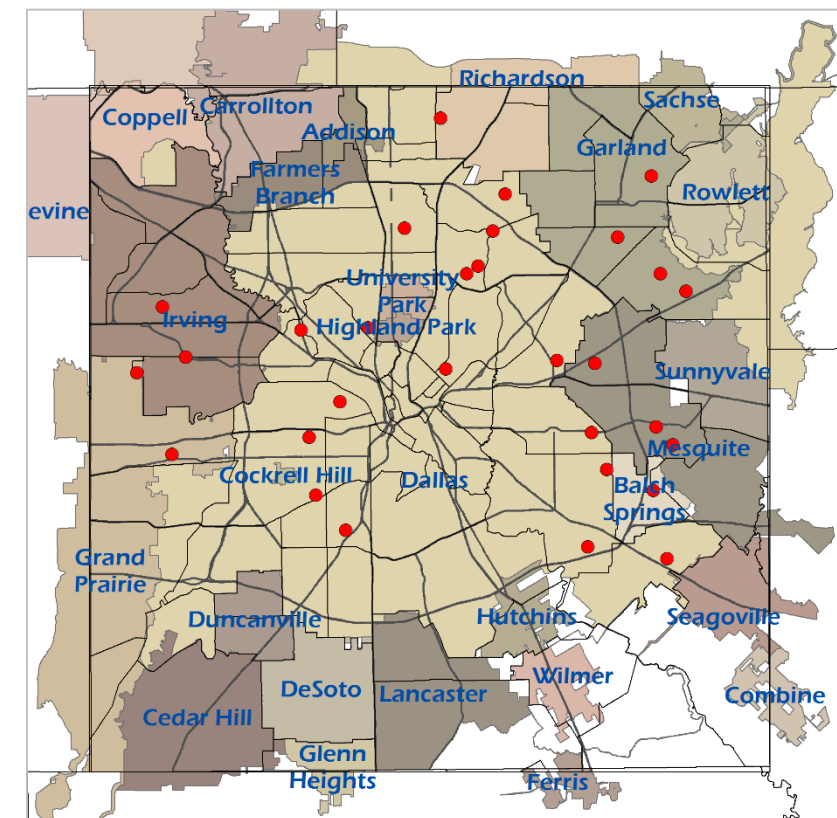
Pertussis Cases by Month of Onset, 2013-2017



Pertussis Hospitalizations by Age Group, 2017, (n=15)



Distribution of Pertussis Cases in Infants Under 1 Year of Age, 2017



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

Note: Incidence calculated using projected population data for 2016. Maps do not include cases who are homeless or with incomplete addresses, and percent values are calculated using known data.

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.