



2016 Profile of Pertussis in Dallas County

Dallas County Health and Human Services

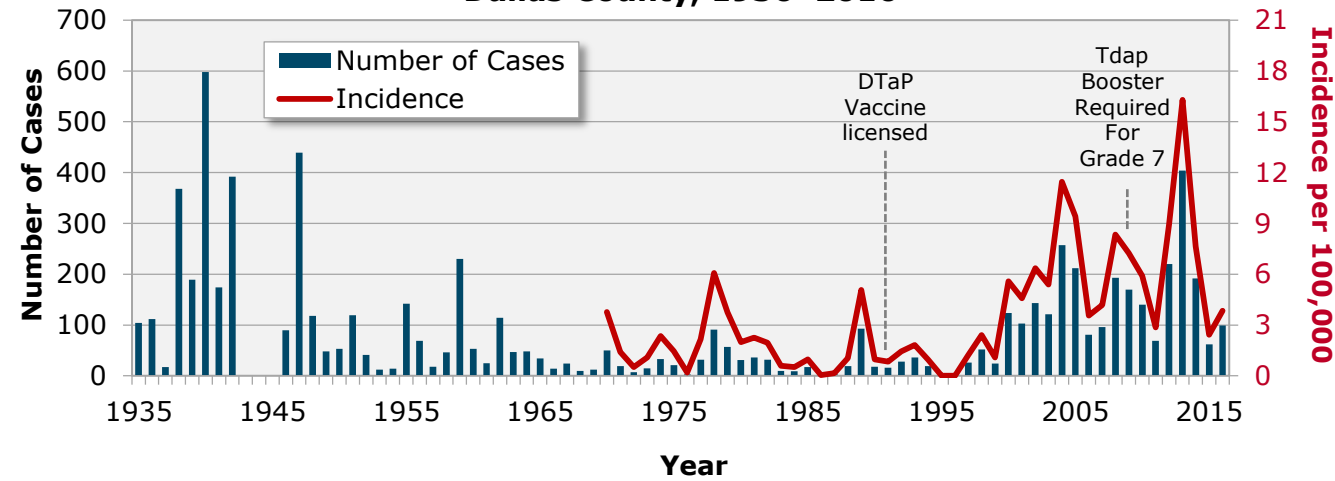
Summary of Pertussis Cases, 2016

	n (%)	Incidence per 100,000
Total	99 (100.0)	3.84
Sex		
Male	40 (40.4)	3.16
Female	59 (59.6)	4.51
Race/Ethnicity		
Hispanic	38 (38.4)	3.70
White	42 (42.4)	5.35
Black	9 (9.1)	1.52
Asian	1 (1.0)	0.61
Unknown	9 (9.1)	N/A
Age Group (years)		
<1	19 (19.2)	47.05
1-6	21 (21.2)	9.03
7-10	21 (21.2)	13.42
11-19	19 (19.2)	5.88
≥20	19 (19.2)	1.04
Hospitalizations	12 (12.1)	0.47
Deaths	0	N/A

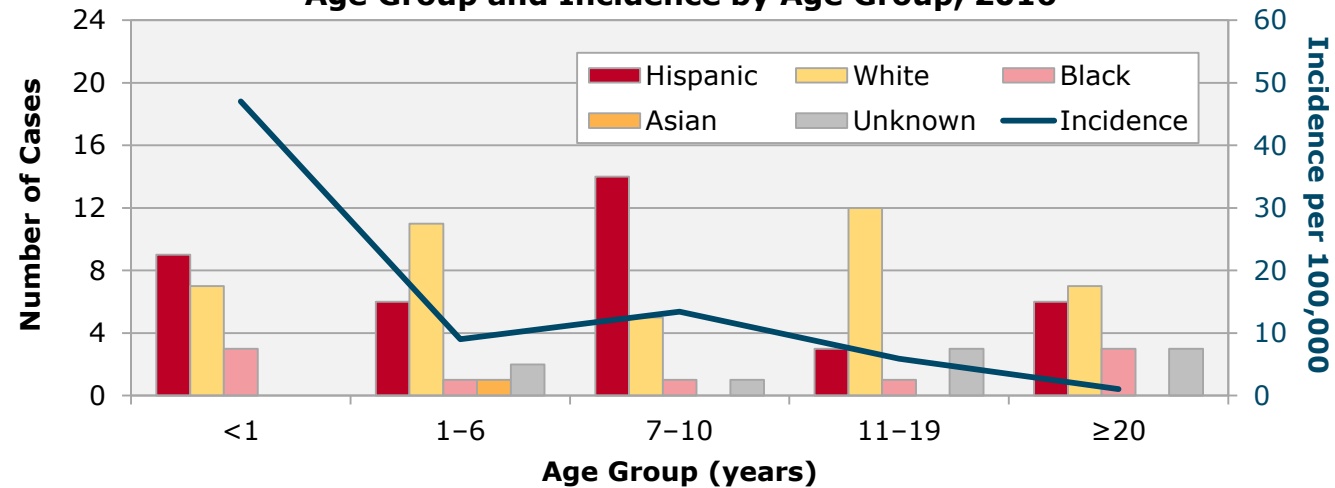
N/A = Not applicable

- In 2016, Dallas County had a 60% increase in reported pertussis cases compared to 2015.
- The majority (79%) of pertussis cases occurred in infants and children under 18 years of age.
- In 2016, the highest proportion of pertussis cases reported in Dallas County was in the White population.
- About half of all hospitalizations for pertussis were infants under one year of age.
- For the pertussis cases eligible for vaccination with verified history, 63% received one or more doses of pertussis vaccine.

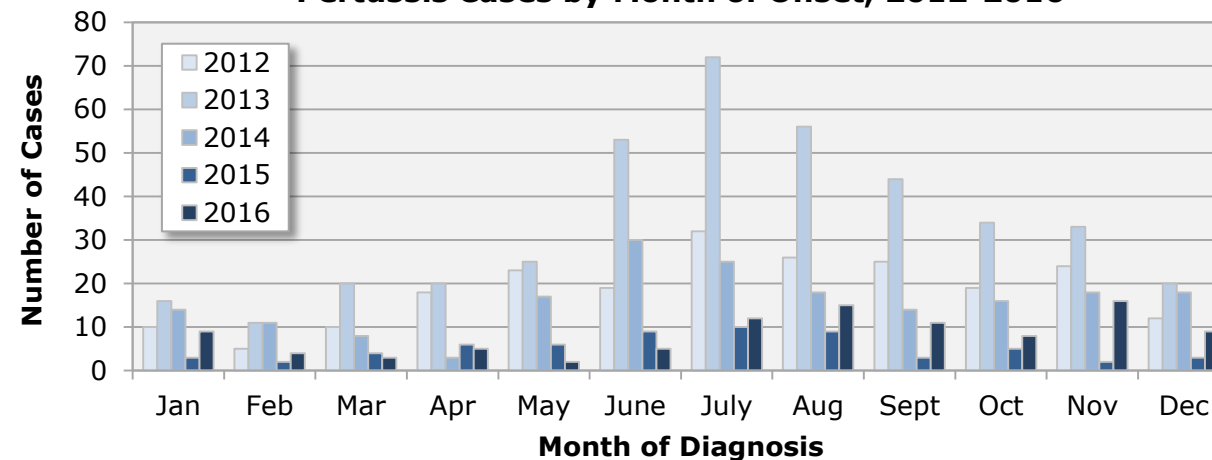
Pertussis Cases and Incidence* by Year of Onset, Dallas County, 1936-2016



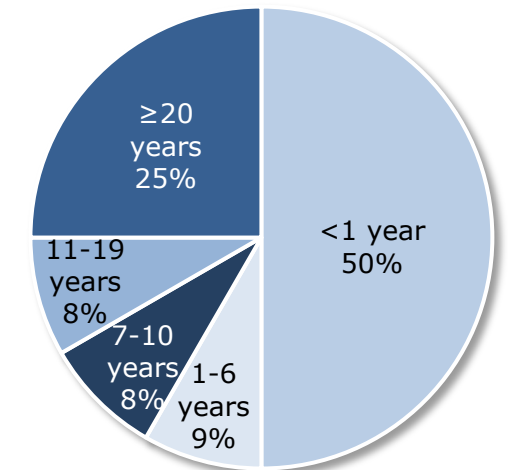
Pertussis Cases by Race/Ethnicity per Age Group and Incidence by Age Group, 2016



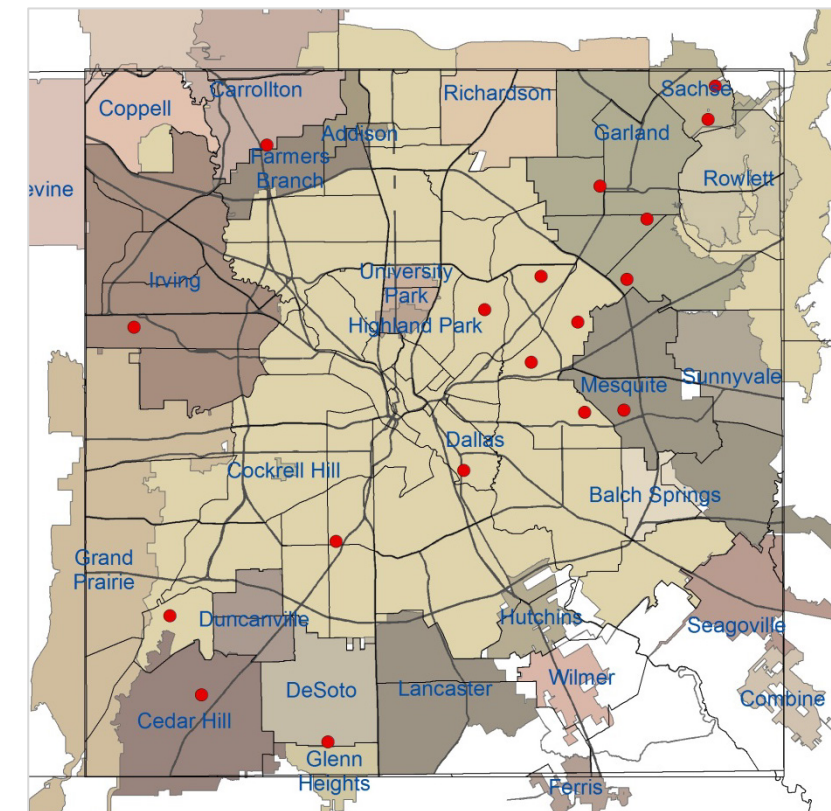
Pertussis Cases by Month of Onset, 2012-2016



Pertussis Hospitalizations by Age Group, 2016, (n=100)



Distribution of Pertussis Cases in Infants Under 1 Year of Age, 2016



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

*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); Population data obtained through the Centers for Disease Control and Prevention: WONDER Bridged-Race Population Estimates 1990-2016.