



# 2015 Profile of Pertussis in Dallas County

## Dallas County Health and Human Services

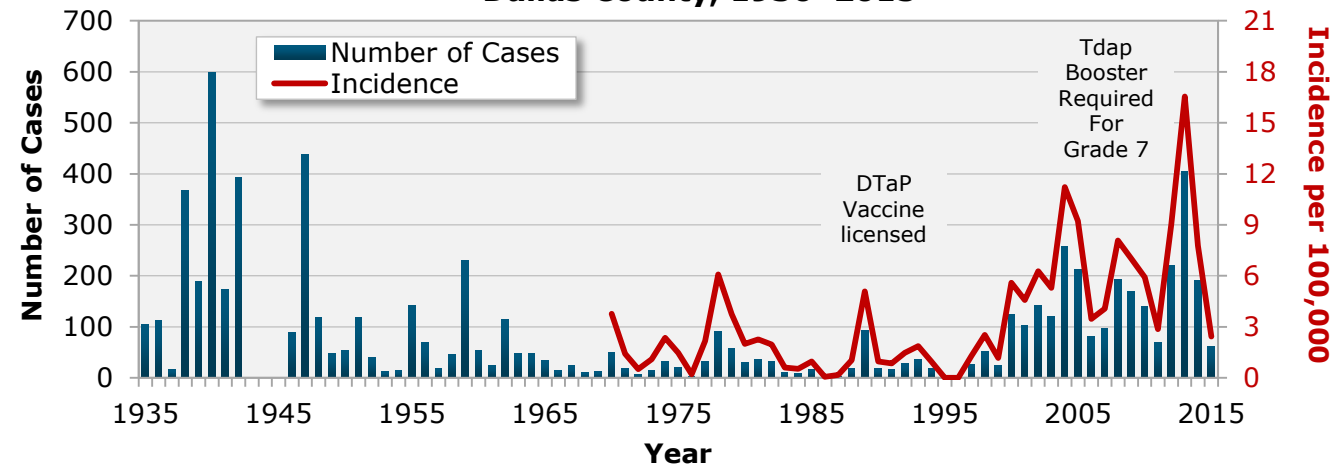
**Summary of Pertussis Cases, 2015**

	n (%)	Incidence per 100,000
<b>Total</b>	62 (100.0)	2.4
<b>Sex</b>		
Male	36 (58.1)	2.9
Female	26 (41.9)	2.0
<b>Race/Ethnicity</b>		
Hispanic	35 (56.5)	3.5
White	23 (37.1)	2.9
Black	1 (1.6)	0.2
Asian	2 (3.2)	1.3
American Indian	1 (1.6)	11.2
<b>Age Group (years)</b>		
<1	17 (27.4)	42.9
1-6	14 (22.6)	6.0
7-10	5 (8.1)	3.2
11-19	12 (19.4)	3.8
≥20	14 (22.6)	0.8
<b>Hospitalizations</b>	7 (11.3)	0.3
<b>Deaths</b>	0	N/A

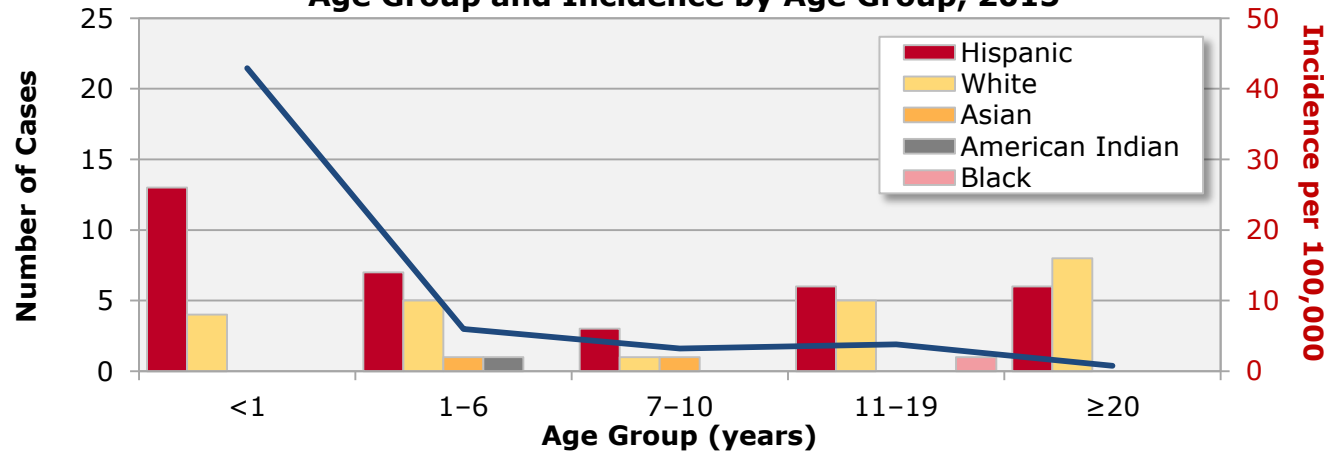
N/A = Not applicable

- In 2015, Dallas County had a 68% decrease in reported pertussis cases compared to 2014.
- The majority (74%) of pertussis cases occurred in infants and children under 18 years of age.
- The highest percentage of pertussis cases in Dallas continues to be reported in the Hispanic population.
- The majority (71.4%) of hospitalizations for pertussis were infants under one year of age.
- 78% of pertussis cases eligible for vaccination had received one or more doses of pertussis vaccine.

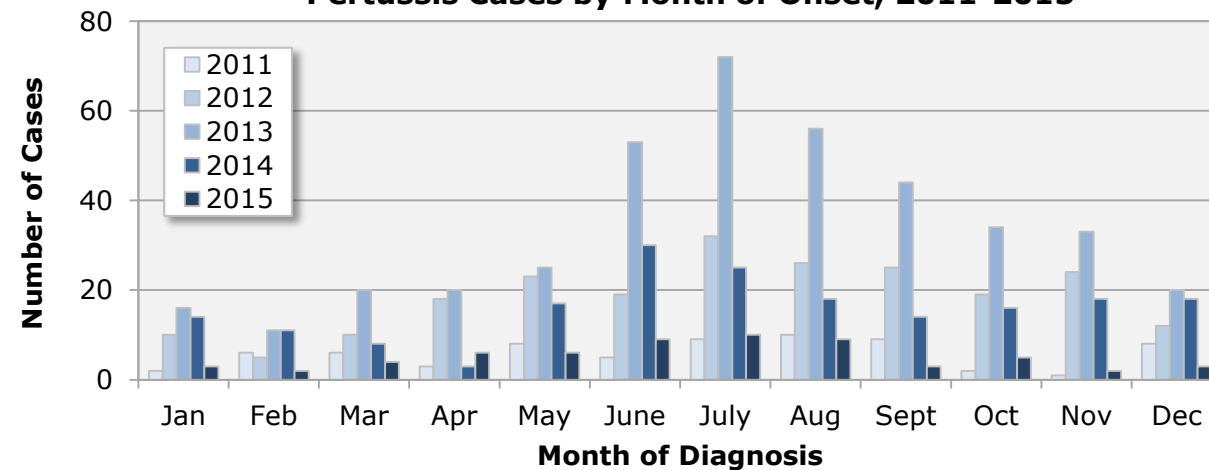
**Pertussis Cases and Incidence\* by Year of Onset, Dallas County, 1936-2015**



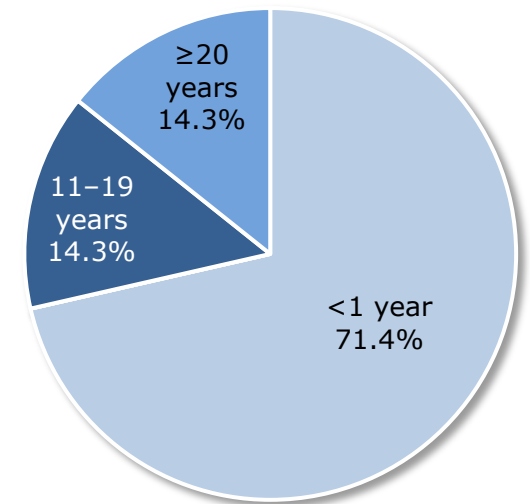
**Pertussis Cases by Race/Ethnicity per Age Group and Incidence by Age Group, 2015**



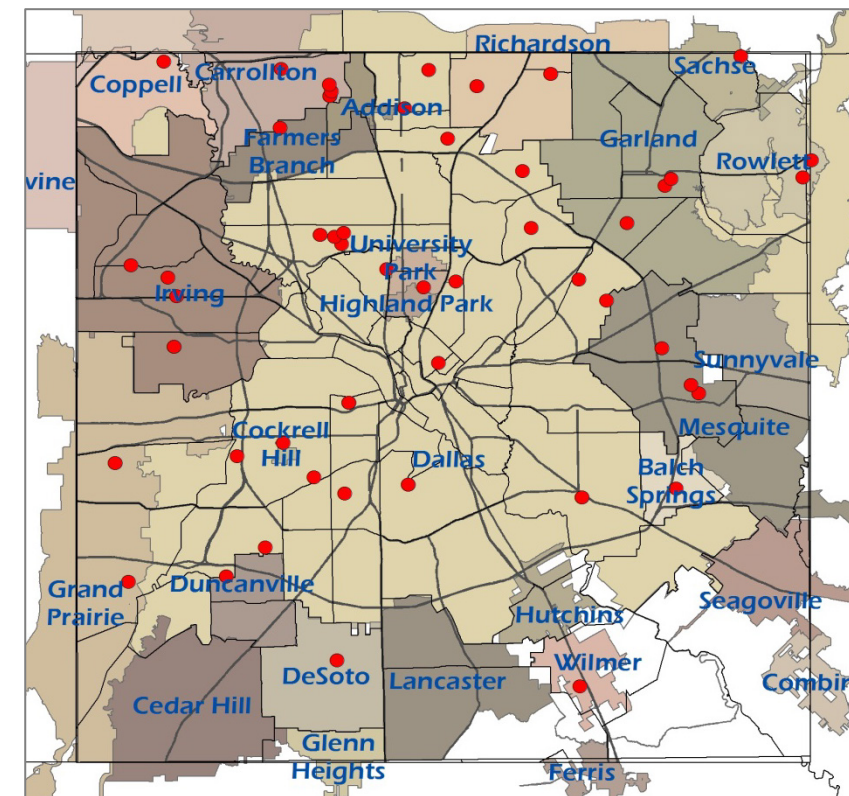
**Pertussis Cases by Month of Onset, 2011-2015**



**Pertussis Hospitalizations by Age Group (years), 2015, (n=62)**



**Distribution of Pertussis Cases in Infants <1 year of age, 2015**



Note: Incidence calculated using projected population data for 2015

\*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 1990-2015.