



**Austin/Travis County Health and Human Services Department
Epidemiology and Health Statistics Unit**



Travis County Epidemiological Summary of Pertussis Cases

2013 Pertussis Case Counts

Total	6	100.0%
Confirmed	1	16.7%
Probable	5	83.3%

Gender Distribution

Male	3	50.0%
Female	3	50.0%

Median Age

2 Years

Age Range

4 Months – 13 Years

Age Distribution

Under 1 Year	2	33.3%
1-3 Years	2	33.3%
4-8 Years	1	16.7%
9-14 Years	1	16.7%
15-24 Years	0	0.0%
25-34 Years	0	0.0%
35-44 Years	0	0.0%
45-54 Years	0	0.0%
55-64 Years	0	0.0%
65 Years and Older	0	0.0%

Data presented in this report include both confirmed and probable cases of Pertussis reported in Travis County. This report only includes completed case investigations only. All 2012 and 2013 data are preliminary. The data provided for 2012 and 2013 was generated on February 13, 2013.

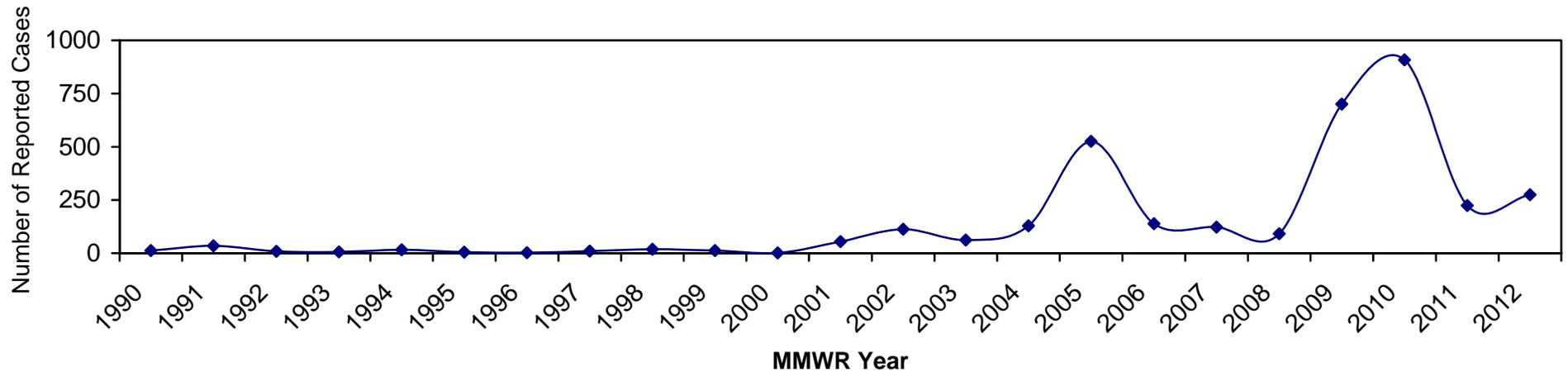


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The number of Pertussis cases varies over time in Travis County (Figure 1). In 2009 and 2010, there was a definitive increase in the incidence of Pertussis in Travis County. Some of the increase resulted from advances in laboratory testing, the Pertussis case definition, and the process of case investigations. Since 2010, the Texas Department of State Health Services modified the Pertussis case definition and guidelines specific to case investigation. While there has been a recent overall decline in reported Pertussis cases in Travis County; it continues to be a public health concern. The majority of reported Pertussis cases correlate to the school year (Figure 2). Most reported cases of Pertussis occur in elementary age children and younger (Figure 3). Public health is especially concerned with cases of Pertussis in young children, especially those under one year old. Approximately 68% of the cases reported for 2012 are less than eight years of age. The last reported Pertussis death in Travis County was in an infant in 2003.

Figure 1. Travis County Reported Cases of Pertussis by Year 1990 - 2012^{1,2}





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Figure 2. Travis County Reported Cases of Pertussis by Month of Report 2009 - 2013^{1,3}

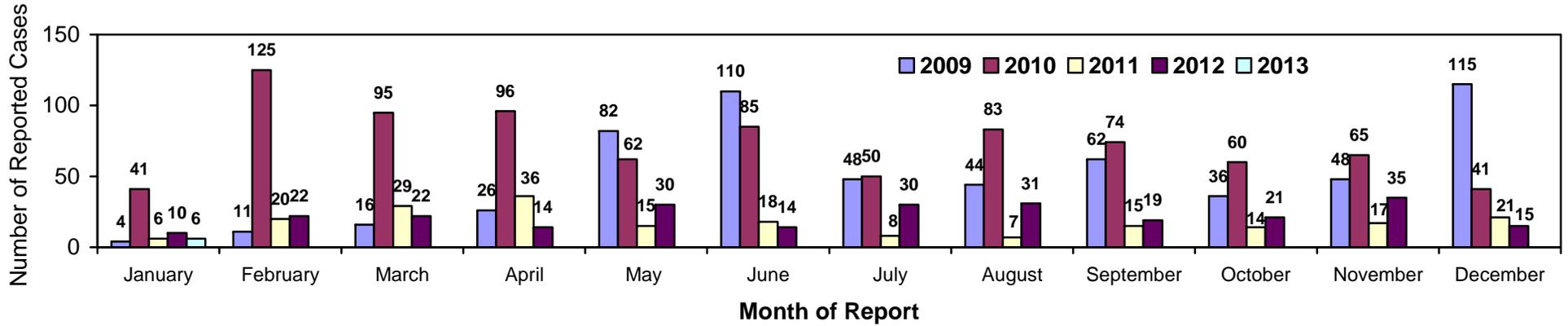
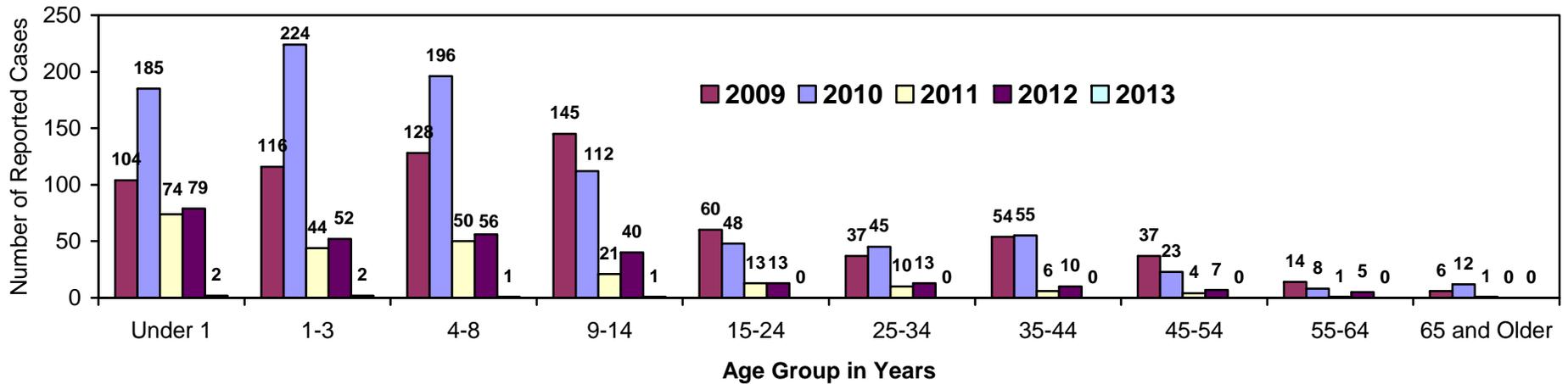


Figure 3. Travis County Reported Cases of Pertussis by Age Group 2009 – 2013^{1,2}



Data Source: Austin/Travis County Health and Human Services Department Epidemiology and Health Statistics Unit – National Electronic Disease Surveillance System (NEDSS)
Texas Department of State Health Services Infectious Disease Control Unit



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For additional information about Pertussis:

[CDC - Pertussis \(Whooping Cough\)](#)

[Texas DSHS Pertussis Update](#)

For additional information about Pertussis vaccination:

<http://www.cdc.gov/pertussis/vaccines.html>

<http://www.austintexas.gov/department/immunizations>

<http://www.preventpertussis.org/>

¹ Data provided for 2012 and 2013 are preliminary data. The data provided for 2011 was generated on August 8, 2012. Data for 2012 and 2013 was generated on February 13, 2013.

² Yearly data provided are based on MMWR year and not calendar year.

³ Data by month of report may not include all cases for that MMWR year. All data are pulled by MMWR year and not calendar year. As a result, there are some instances in which cases are reported with a MMWR year in one year but the actual report was received the following calendar year. Consequently, the annual totals may not equal the exact total number of cases when each month's totals are summed.