



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



Travis County Pertussis Cases

2012 Pertussis Case Counts

Total	112	100.0%
Confirmed	51	45.5%
Probable	61	54.5%

Gender Distribution

Male	55	49.1%
Female	57	50.9%

Median Age:	4 Years
Age Range:	1 Month – 46 Years

Age Distribution

Under 1 Year	25	22.3%
1-3 Years	25	22.3%
4-8 Years	22	19.6%
9-14 Years	20	17.9%
15-24 Years	8	7.1%
25-34 Years	6	5.4%
35-44 Years	5	4.5%
45-54 Years	1	0.9%
55-64 Years	0	0.0%
65 Years and Older	0	0.0%

Data presented in this report includes both confirmed and probable cases of Pertussis reported in Travis County. This report only includes complete case investigations, pending Pertussis reports and investigations are not included. All data for 2011 and 2012 is preliminary. The data provided for 2011 was generated on February 8, 2012 and data provided for 2012 was generated on July 12, 2012.

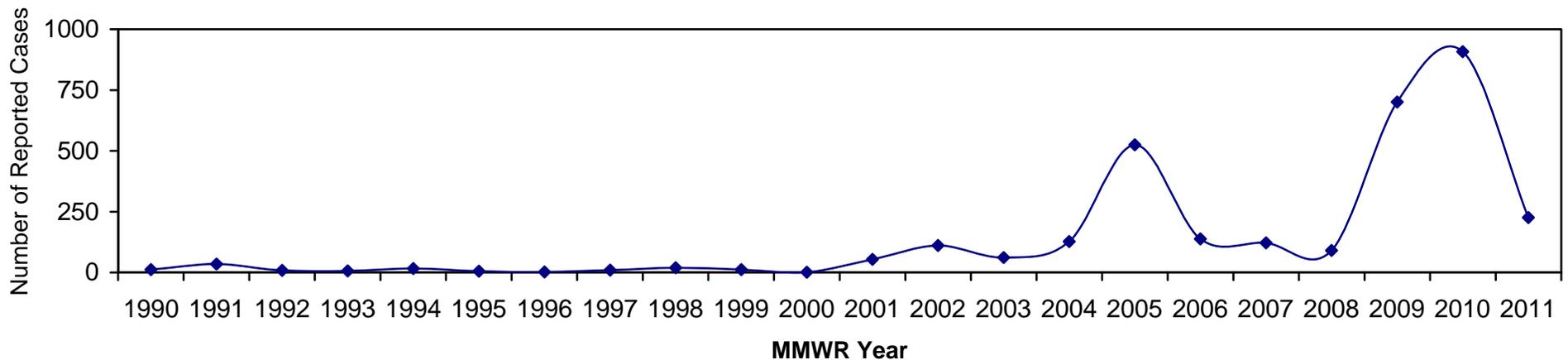


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The number of Pertussis cases varies over time in Travis County (Figure 1). In 2009 and 2010 there was an apparent outbreak of Pertussis in Travis County. Some of the increase resulted from advances in laboratory testing, the Pertussis case definition, 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 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 1 year old. About 64% 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. Preliminary data for 2012 indicate that reported cases of Pertussis seem to concentrate along the IH 35 corridor with cases most frequently being reported in North Austin (Map 1).

Figure 1. Travis County Reported Cases of Pertussis by Year 1990 - 2011^{1,2}





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Figure 2. Travis County Reported Cases of Pertussis by Month of Report 2008 - 2012^{1,3}

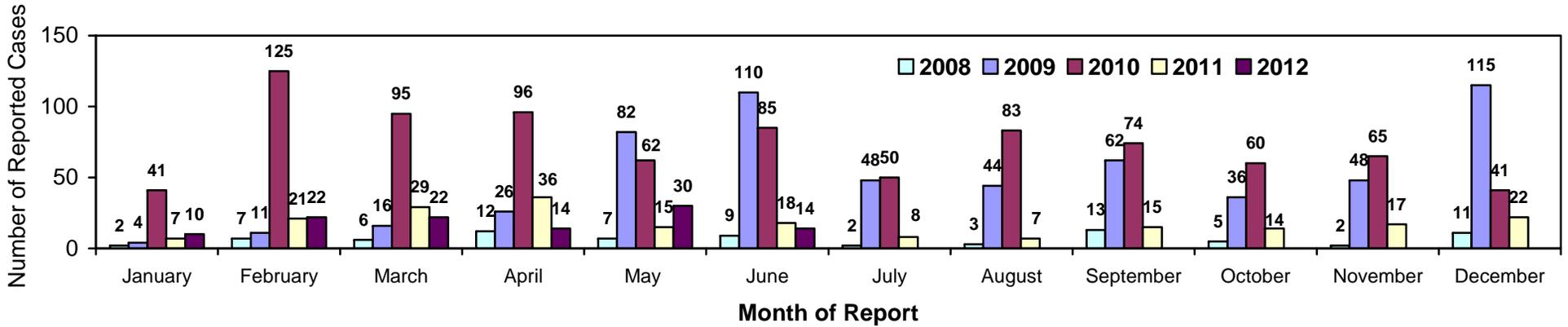
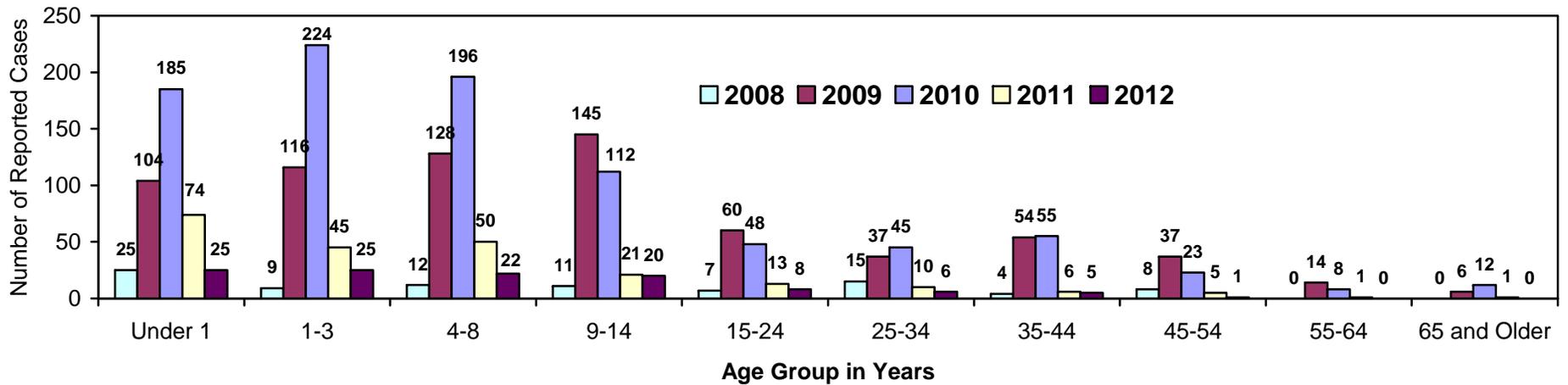
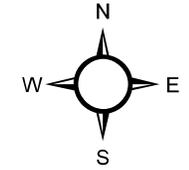
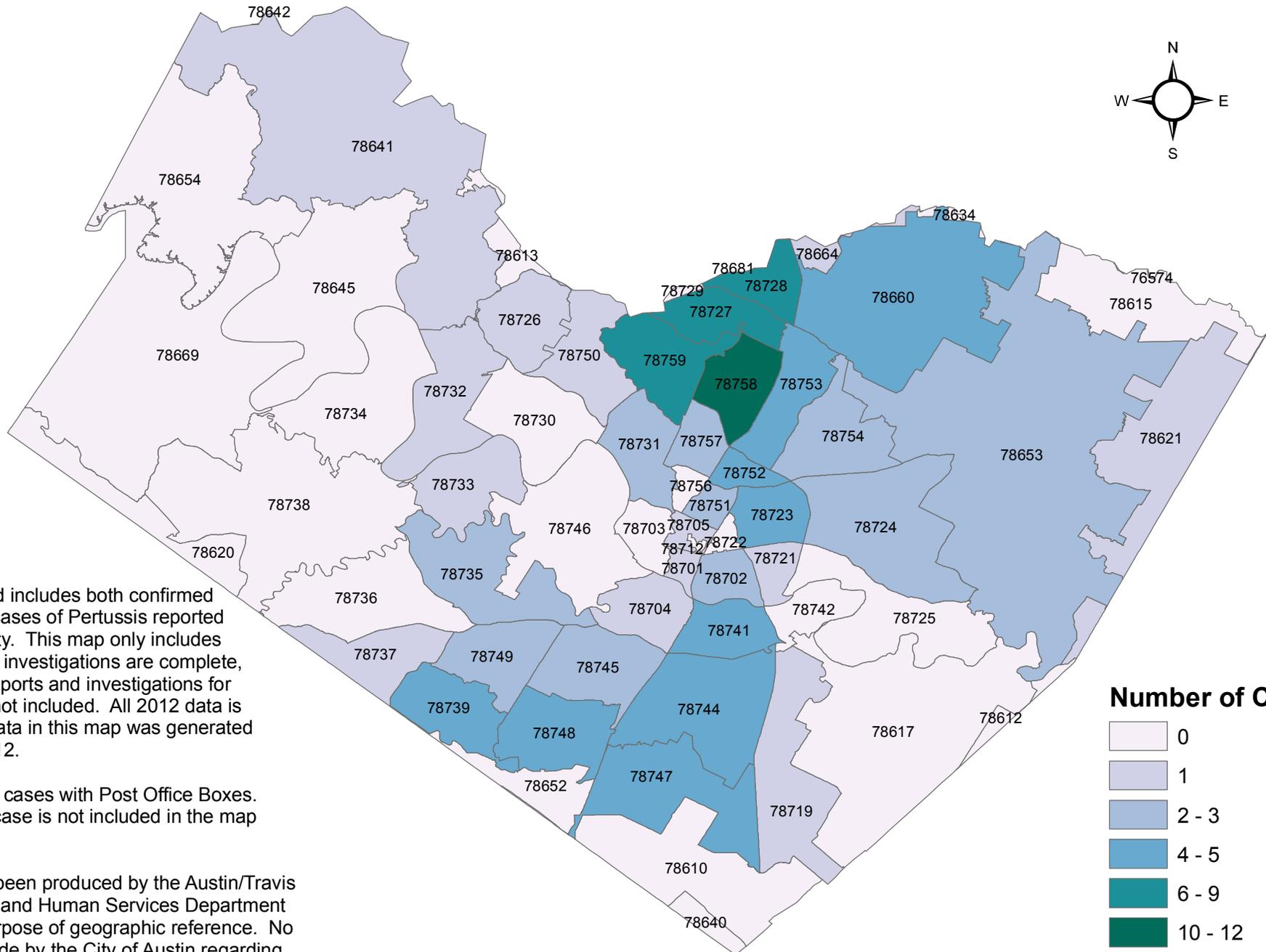


Figure 3. Travis County Reported Cases of Pertussis by Age Group 2011 – 2012^{1,2}

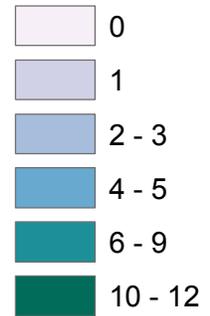




Map 1. Travis County Reported Cases of Pertussis 2012^{1,2}



Number of Cases



Data presented includes both confirmed and probable cases of Pertussis reported in Travis County. This map only includes cases in which investigations are complete, any pending reports and investigations for Pertussis are not included. All 2012 data is preliminary. Data in this map was generated on July 12, 2012.

Unable to map cases with Post Office Boxes. One reported case is not included in the map above.

This map has been produced by the Austin/Travis County Health and Human Services Department for the sole purpose of geographic reference. No warranty is made by the City of Austin regarding specific accuracy or completeness.



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For additional information about Pertussis:

[CDC - Pertussis \(Whooping Cough\)](http://www.cdc.gov/pertussis/whooping_cough/)

For additional information about Pertussis vaccination:

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

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

¹ Data provided for 2011 and 2012 are preliminary data. The data provided for 2011 was generated on February 8, 2012 and data provided for 2012 was generated on July 12, 2012.

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.

Data Sources:

Texas Department of State Health Services Infectious Disease Control Unit

Austin/Travis County Health and Human Services Department Epidemiology and Health Statistics Unit – National Electronic Disease Surveillance System (NEDSS)