Shigella Data Profile, Travis County[1, 2]

2015 Shigella Case Counts

Total	232	100.0%
Confirmed	159	68.5 %
Probable	73	31.5%

Gender Distribution

Male	113	48.7%
Female	119	51.3%

Median Age	7 Years
Age Range	2 Months – 76 Years

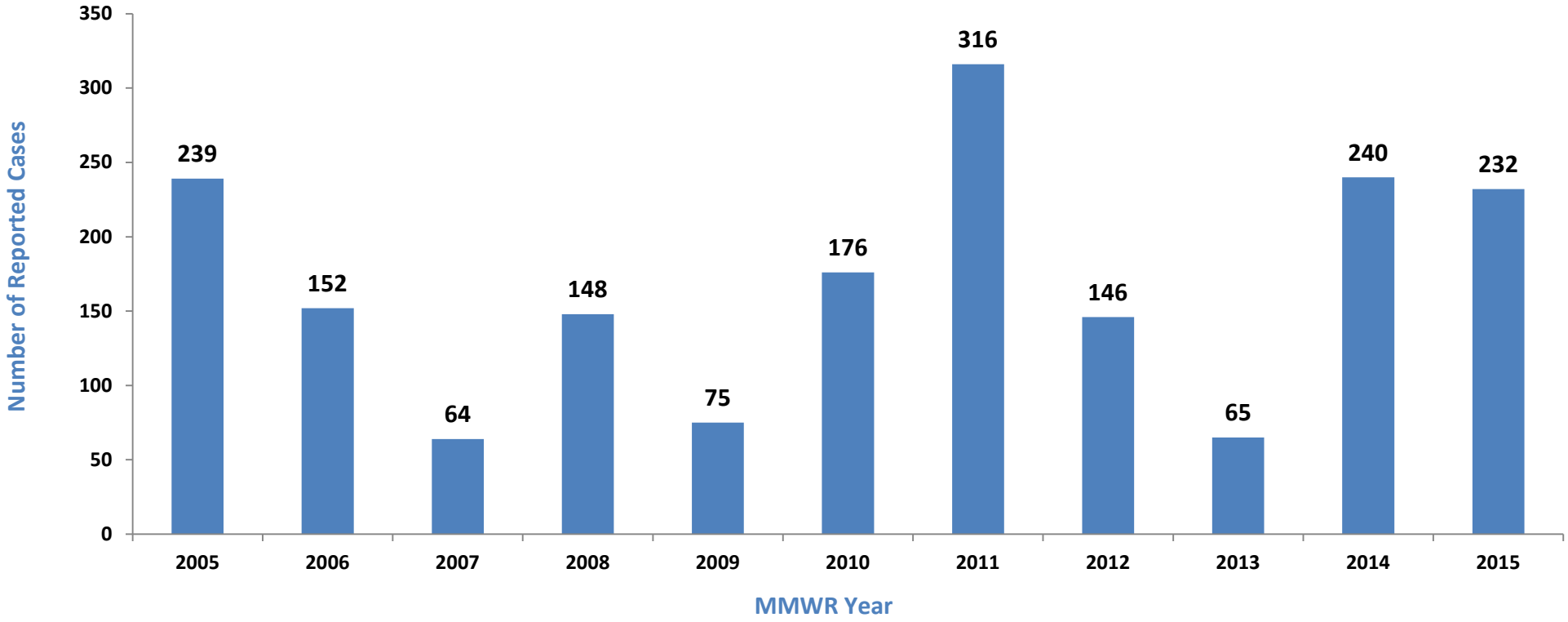
Age Distribution

Under 1 Year	4	1.7%
1-4 Years	64	27.6%
5-9 Years	75	32.3%
10-19 Years	15	6.5%
20-29 Years	24	10.3%
30-39 Years	22	9.5%
40-49 Years	13	5.6%
50-59 Years	6	2.6%
60 Years and Older	9	3.9%

Data presented in this report includes both confirmed and probable cases of Shigella reported in Travis County. This report includes completed case investigations only. All 2014 and 2015 data are preliminary. The data provided for 2014 was generated on May 13, 2015 and data provided for 2015 was generated on July 8, 2015.

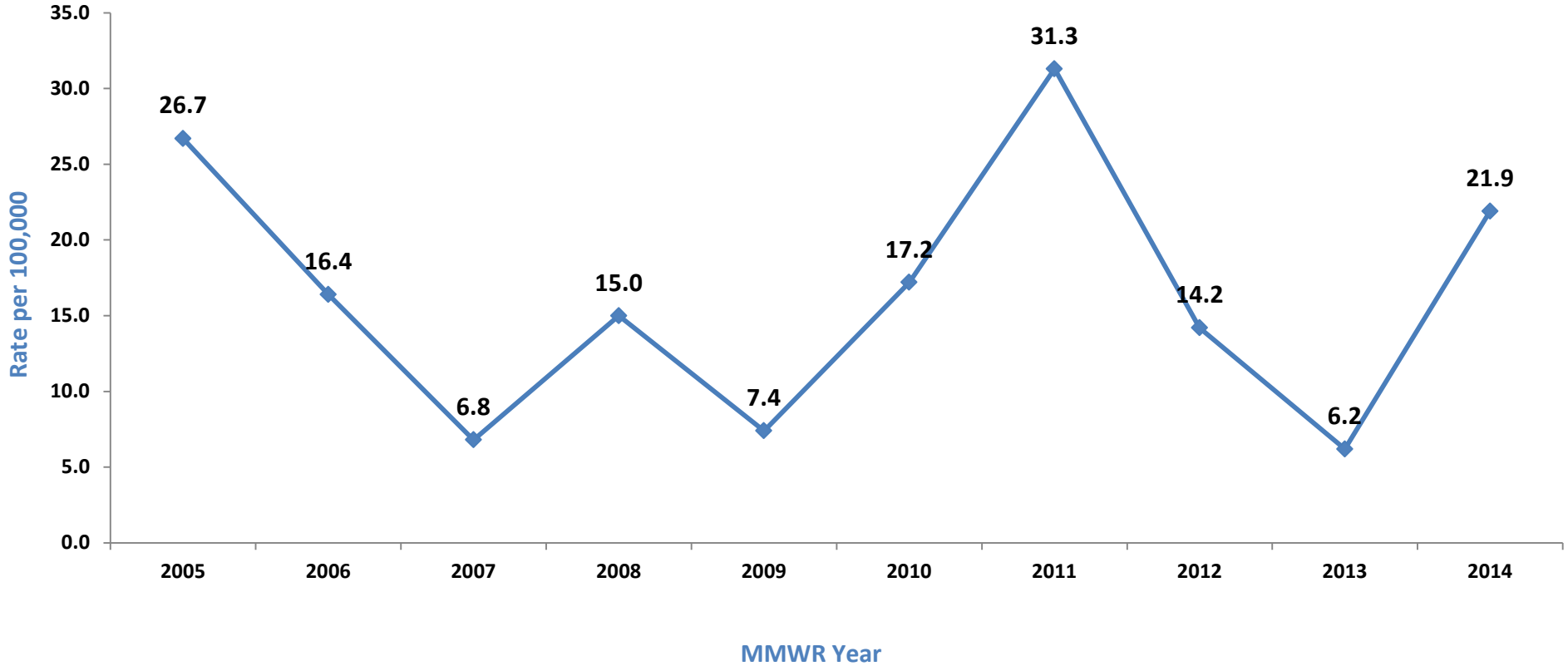
The number of Shigella cases varies over time in Travis County (Figure 1). In 2015 to date, approximately 59% of all Shigella cases occur in individuals eight years old and younger (Figure 3). However, data is not complete and preliminary results should be interpreted with caution. The true impact of Shigella on the community will be determined from finalized data.

Figure 1. Travis County Number of Reported Cases of Shigella by Year 2005 – 2015[1, 2]



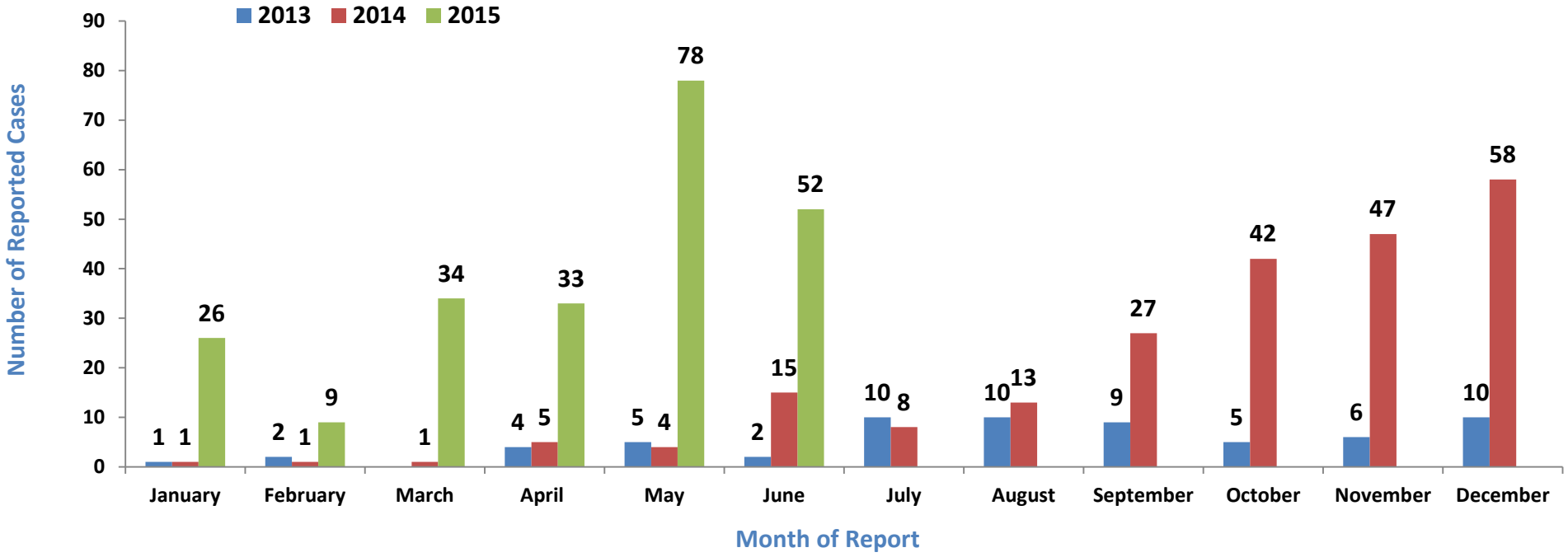
Data Source: Austin/Travis County Health and Human Services Department Epidemiology and Health Statistics Unit – National Electronic Disease Surveillance System (NEDSS)

Figure 2. Travis County Rate of Reported Cases of Shigella by Year 2005 - 2014[3, 4, 5]



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

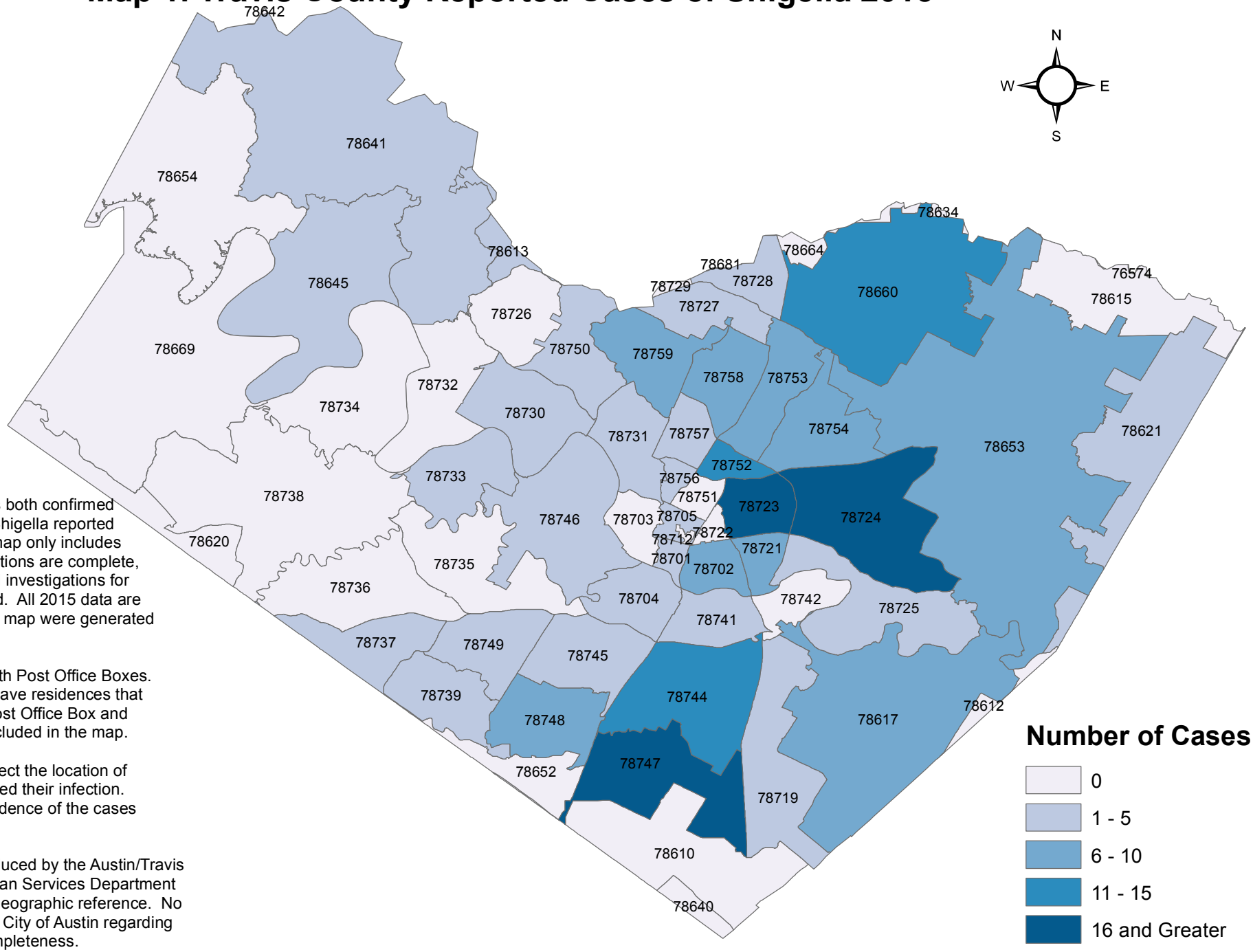
Figure 3. Travis County Number of Reported Cases of Shigella by Month of Report 2013 - 2015[1, 2, 6]



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

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

Map 1. Travis County Reported Cases of Shigella 2015[1,2]



Data presented includes both confirmed and probable cases of Shigella reported in Travis County. This map only includes cases in which investigations are complete, any pending reports and investigations for Shigella are not included. All 2015 data are preliminary. Data in this map were generated on July 8, 2015.

Unable to map cases with Post Office Boxes. Four cases of Shigella have residences that are associated with a Post Office Box and consequently are not included in the map.

This map does NOT reflect the location of where individuals acquired their infection. This is a map of the residence of the cases at the time of report.

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.

Table 1. Travis County Reported Cases of Shigella by Age Group 2013 – 2015[1, 2, 3, 4, 5, 7]

Age Group	2013		2014		2015	
	Number	Rate	Number	Rate	Number	Rate
Under 1 Year Old	0	0.0	5	29.1	4	-
1 – 4 Years	19	32.7	70	105.1	64	-
5 – 9 Years	9	12.5	71	94.3	75	-
10 – 19 Years	11	8.9	26	18.9	15	-
20 – 29 Years	7	4.4	24	13.1	24	-
30 – 39 Years	7	3.3	20	10.2	22	-
40 – 49 Years	7	4.3	10	6.6	13	-
50 – 59 Years	4	3.3	7	5.5	6	-
60 Years and Older	1	0.8	7	5.0	9	-
Total	65	6.2	240	21.9	232	-

For additional information about Shigella:
http://www.cdc.gov/shigella/index.html

For additional information about Prevention and Control:
http://www.cdc.gov/shigella/prevention-control.html
http://www.cdc.gov/handwashing/

Other reports for Austin/Travis County are available on the Epidemiology and Disease Surveillance webpage.

[1] Data provided for 2014 and 2015 are preliminary data. The data provided for 2014 was generated on May 13, 2015 and data provided for 2015 was generated on July 8, 2015. Prior years of data are finalized.
[2] Yearly data provided is based on MMWR year and not on calendar year.
[3] Rate per 100,000 population.

[4] Travis County Population Estimates for 2003-2009 obtained from the Texas Department of State Health Services Center for Health Statistics and Travis County Population Projections for 2011-2014 obtained from the Texas State Data Center, Population Estimates and Projections Program using the 0.5 migration scenario. Travis County Population for 2010 obtained from Census 2010, from the U.S. Census Bureau.

[5] Population Estimates and Population Projections are produced by different methods. If data are to be used in trend analysis, or other comparative treatments, unexpected results may be obtained if data from both estimated and projected series are used.

[6] 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.

[7] When the number of reported cases is less than 20, rates may not be considered reliable. Rate calculations for 2015 will be provided at the completion of the year.