

Regional Surveillance Report: June 2015

SUMMARY

- **Health Service Region 2**

- There were a total of 58 cases reported in Health Service Region 2 for the month.
- Reported cases of Campylobacteriosis, Salmonellosis, and Streptococcus, Invasive Group B were beyond historical limits for the five-year monthly median.

- **Health Service Region 3**

- There were a total of 492 cases in Health Service Region 3 for the month.
- Reported cases of Cyclosporiasis and Legionellosis were beyond historical limits for the five-year monthly median.

- **Outbreak Investigations**

- A Shigellosis outbreak was reported and investigated by:
 - DSHS in a Young County community
 - Collin County in a daycare
 - Tarrant County in a daycare
- A Norovirus outbreak was reported and investigated by Dallas County in a camp.
- A Pertussis outbreak was reported and investigated by Wichita County in a residence.
- A Cyclosporiasis outbreak is being reported and investigated by local and DSHS regional public health departments statewide.

Please see the following tables and figures for more details.

NOTE: Counts include confirmed and probable cases reported to the Texas Department of State Health Services via NEDSS (National Electronic Disease Surveillance System) in report month. Counts include conditions coordinated by the epidemiology branch only. Cases may be pending investigation and counts are subject to change. A map of the region can be found on the last page of this report. Counts beyond historical limits or differing from the five year median may be due to current or past outbreaks, seasonal variations, or infrequently reported diseases.

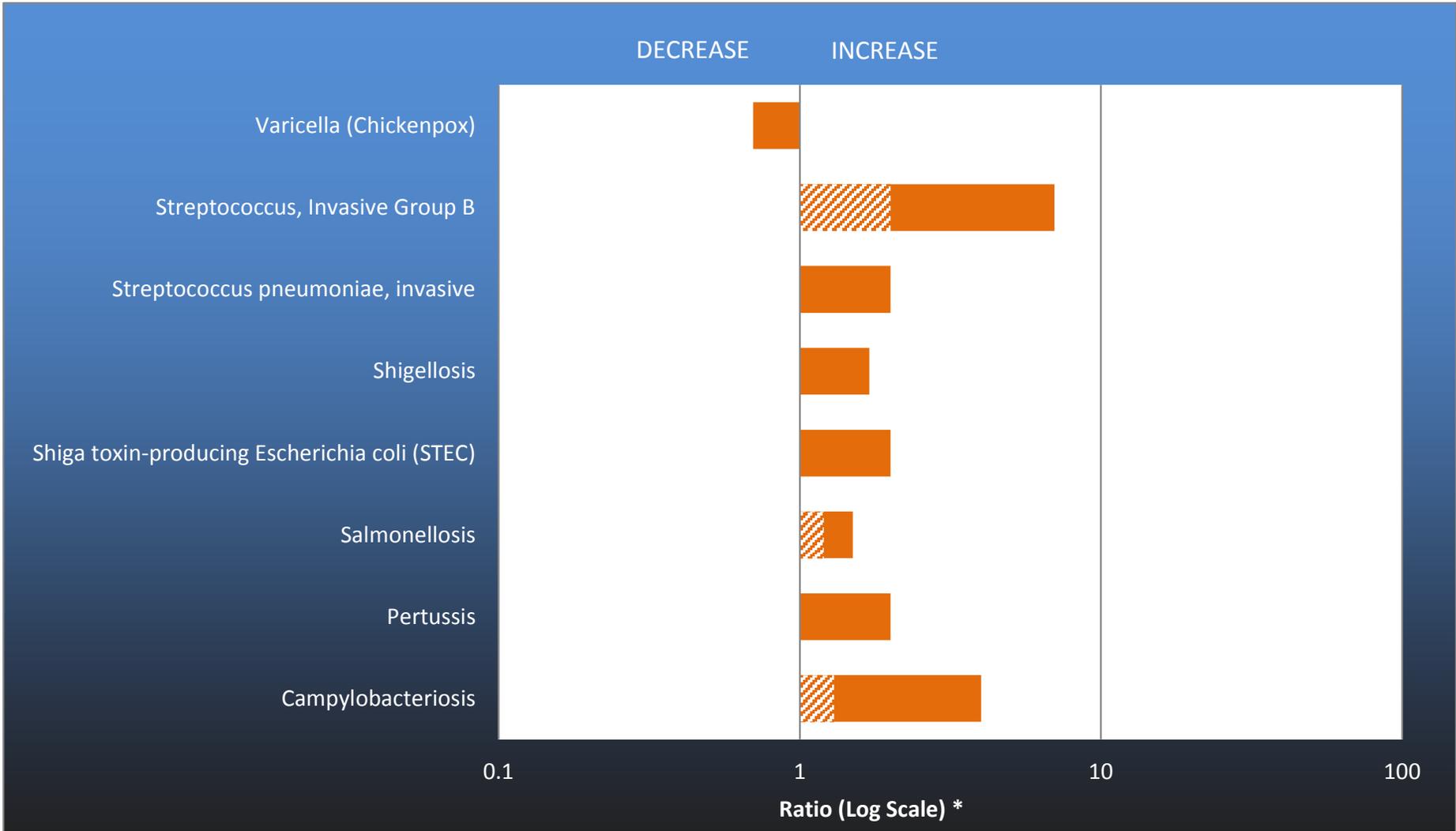
Table 1: Reported Disease Case Counts in Health Service Region 2, June 2015

| Disease | June 2015 | January - December 2015 | 5-Year Monthly Median † | Total Cases in Previous Years | | | | | Counties Reporting during June 2015 (Counts) |
|---|-----------|----------------------------|-------------------------------|-------------------------------|------|------|------|------|---|
| | | | | 2010 | 2011 | 2012 | 2013 | 2014 | |
| Amebiasis | 0 | 0 | 0 | 9 | 0 | 1 | 0 | 0 | |
| Amebic meningitis and encephalitis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Botulism (adult and infant) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Campylobacteriosis | 12 | 43 | 3 | 39 | 43 | 71 | 38 | 37 | Archer (1), Callahan (1), Comanche (1), Hardeman (1), Knox (1), Nolan (4), Taylor (1), Wichita (1), Young (1) |
| Creutzfeldt-Jakob Disease (CJD) | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | |
| Cryptosporidiosis | 3 | 7 | 0 | 1 | 10 | 9 | 4 | 8 | Comanche (2), Wilbarger (1) |
| Cyclosporiasis | 2 | 2 | 0 | 1 | 0 | 0 | 4 | 1 | Wichita (2) |
| Diphtheria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| <i>Haemophilus influenzae</i> , invasive | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | |
| Hepatitis A, acute | 0 | 1 | 0 | 4 | 4 | 5 | 3 | 2 | |
| Hepatitis B, acute | 1 | 3 | 1 | 13 | 9 | 7 | 4 | 4 | Scurry (1) |
| Hepatitis B, perinatal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Hepatitis C, acute | 0 | 7 | 0 | 5 | 2 | 0 | 4 | 11 | |
| Hepatitis E, acute | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Influenza-associated pediatric mortality | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | |
| Legionellosis | 0 | 3 | 0 | 3 | 2 | 4 | 3 | 6 | |
| Listeriosis | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | |
| Measles | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | |
| MDROs | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 16 | Wichita (1), Young (1) |
| Mumps | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 1 | |
| <i>Neisseria meningitidis</i> , invasive | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | |
| Pertussis | 4 | 24 | 2 | 15 | 9 | 31 | 77 | 24 | Brown (1), Eastland (1), Stephens (1), Wichita (1) |

| Disease | June 2015 | January - December 2015 | 5-Year Monthly Median † | Total Cases in Previous Years | | | | | Counties Reporting during June 2015 (Counts) |
|--|-----------|----------------------------|-------------------------------|-------------------------------|------------|------------|------------|------------|---|
| | | | | 2010 | 2011 | 2012 | 2013 | 2014 | |
| Poliomyelitis, acute paralytic | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Rubella (including congenital) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Salmonellosis | 15 | 36 | 10 | 127 | 140 | 200 | 133 | 117 | Brown (1), Eastland (1), Fisher (1), Foard (1), Nolan (4), Taylor (4), Throckmorton (1), Wichita (1), Young (1) |
| Shiga toxin-producing <i>Escherichia coli</i> (STEC) | 2 | 12 | 1 | 9 | 20 | 13 | 15 | 26 | Wichita (2) |
| Shigellosis | 5 | 15 | 3 | 21 | 63 | 187 | 41 | 20 | Scurry (1), Young (4) |
| Smallpox | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| <i>Streptococcus pneumoniae</i> , invasive | 2 | 32 | 1 | 10 | 18 | 24 | 14 | 22 | Wichita (2) |
| Streptococcus, Invasive Group A | 1 | 14 | 0 | 9 | 9 | 7 | 5 | 7 | Wichita (1) |
| Streptococcus, Invasive Group B | 7 | 20 | 1 | 12 | 20 | 11 | 19 | 24 | Comanche (1), Jack (2), Jones (1), Runnels (1), Stephens (1), Wichita (1) |
| Tetanus | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Typhoid Fever | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| Varicella (Chickenpox) | 2 | 23 | 3 | 34 | 112 | 84 | 48 | 33 | Brown (1), Foard (1) |
| Vibrio infection (including cholera) | 0 | 0 | 0 | 1 | 3 | 0 | 1 | 2 | |
| Viral Hemorrhagic Fever | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | |
| VISA | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | |
| VRSA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Yersiniosis | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 1 | |
| Total | 58 | 252 | | 321 | 469 | 655 | 414 | 368 | |

† Calculated by determining the median of the incidence counts for the current month, the month preceding the current month, and the month following the current month, for the 5 preceding years. †MDROs=Multi Drug Resistant Organisms

FIGURE I. Notifiable Diseases Exceeding Five-year Monthly Median for June 2015, Health Service Region 2



*Ratio of current monthly total to median of 15 month totals (from previous, comparable, and subsequent months for the past 5 years).

Current Ratio
 Historical Limits

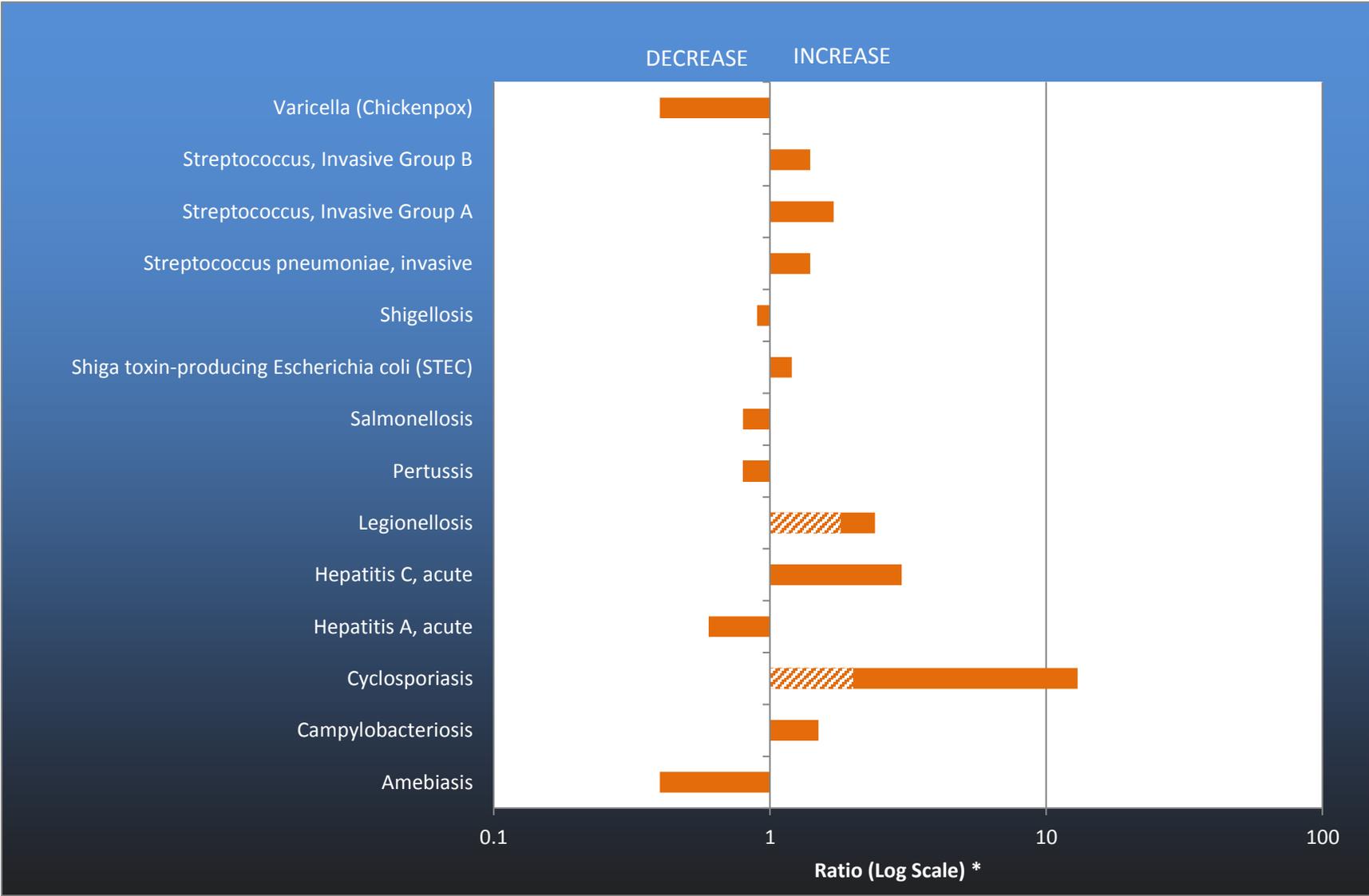
Table 2: Reported Disease Case Counts in Health Service Region 3, June 2015

| Disease | June 2015 | January – December 2015 | 5-Year Monthly Median † | Total Cases in Previous Years | | | | | Counties Reporting during June 2015 (Counts) |
|--|-----------|----------------------------|-------------------------------|-------------------------------|------|------|------|------|--|
| | | | | 2010 | 2011 | 2012 | 2013 | 2014 | |
| Amebiasis | 2 | 21 | 5 | 117 | 53 | 56 | 65 | 46 | Dallas (2) |
| Amebic meningitis and encephalitis | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | |
| Botulism (adult and infant) | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 1 | |
| Campylobacteriosis | 91 | 349 | 61 | 374 | 438 | 572 | 606 | 657 | Collin (4), Cooke (2), Dallas (31), Denton (10), Erath (1), Grayson (1), Hood (2), Johnson (6), Navarro (1), Palo Pinto (1), Parker (2), Somervell (1), Tarrant (26), Wise (3) |
| Creutzfeldt-Jakob Disease (CJD) | 0 | 1 | 0 | 10 | 2 | 6 | 1 | 9 | |
| Cryptosporidiosis | 10 | 40 | 10 | 164 | 126 | 98 | 128 | 97 | Denton (1), Parker (1), Tarrant (8) |
| Cyclosporiasis | 13 | 16 | 1 | 8 | 9 | 13 | 183 | 118 | Collin (3), Dallas (5), Denton (1), Grayson (1), Hunt (1), Tarrant (2) |
| Diphtheria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| <i>Haemophilus influenzae</i> , invasive | 0 | 1 | 0 | 2 | 1 | 2 | 0 | 3 | |
| Hepatitis A, acute | 3 | 20 | 5 | 64 | 55 | 62 | 27 | 27 | Dallas (1), Denton (1), Tarrant (1) |
| Hepatitis B, acute | 3 | 15 | 3 | 130 | 42 | 38 | 24 | 22 | Denton (2), Tarrant (1) |
| Hepatitis B, perinatal | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | |
| Hepatitis C, acute | 3 | 10 | 1 | 8 | 8 | 20 | 11 | 19 | Dallas (2), Wise (1) |
| Hepatitis E, acute | 0 | 0 | 0 | 7 | 7 | 4 | 4 | 5 | |
| Influenza-associated pediatric mortality | 0 | 3 | 0 | 2 | 5 | 5 | 2 | 5 | |
| Legionellosis | 12 | 59 | 5 | 69 | 52 | 59 | 68 | 105 | Dallas (7), Denton (1), Kaufman (2), Tarrant (2) |
| Listeriosis | 1 | 3 | 1 | 5 | 14 | 8 | 9 | 5 | Collin (1) |
| Measles | 0 | 1 | 0 | 0 | 3 | 0 | 25 | 4 | |
| MDROs† | 26 | 143 | 0 | 0 | 0 | 0 | 0 | 206 | Collin (3), Dallas (15), Ellis (3), Johnson (1), Kaufman (2), Tarrant (2) |
| Mumps | 0 | 2 | 0 | 12 | 7 | 5 | 1 | 5 | |
| <i>Neisseria meningitidis</i> , invasive | 0 | 2 | 0 | 13 | 10 | 13 | 13 | 5 | |

| Disease | June 2015 | January - December 2015 | 5-Year Monthly Median † | Total Cases in Previous Years | | | | | Counties Reporting during June 2015 (Counts) |
|--|------------|----------------------------|-------------------------------|-------------------------------|--------------|--------------|--------------|--------------|--|
| | | | | 2010 | 2011 | 2012 | 2013 | 2014 | |
| Pertussis | 58 | 327 | 71 | 657 | 282 | 675 | 1,850 | 1,041 | Collin (10), Dallas (5), Denton (13), Grayson (1), Hood (2), Johnson (1), Kaufman (1), Parker (1), Rockwall (1), Tarrant (22), Wise (1) |
| Poliomyelitis, acute paralytic | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Rubella (including congenital) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Salmonellosis | 97 | 454 | 118 | 1,275 | 1,208 | 1,245 | 1,142 | 1,137 | Collin (6), Dallas (25), Denton (12), Ellis (3), Grayson (1), Hood (1), Johnson (1), Kaufman (1), Palo Pinto (3), Parker (2), Rockwall (2), Tarrant (39), Wise (1) |
| Shiga toxin-producing <i>Escherichia coli</i> (STEC) | 17 | 87 | 14 | 148 | 145 | 125 | 162 | 222 | Collin (1), Cooke (1), Dallas (6), Denton (1), Erath (1), Hood (1), Hunt (1), Parker (2), Tarrant (2), Wise (1) |
| Shigellosis | 53 | 258 | 59 | 630 | 676 | 376 | 667 | 739 | Collin (7), Dallas (18), Denton (3), Ellis (1), Rockwall (1), Tarrant (23) |
| Smallpox | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| <i>Streptococcus pneumoniae</i> , invasive | 26 | 294 | 19 | 301 | 413 | 458 | 499 | 518 | Collin (5), Dallas (7), Denton (4), Ellis (1), Hood (1), Johnson (2), Navarro (1), Rockwall (1), Tarrant (4) |
| Streptococcus, Invasive Group A | 17 | 105 | 10 | 111 | 152 | 104 | 118 | 202 | Collin (1), Dallas (5), Denton (1), Ellis (1), Tarrant (9) |
| Streptococcus, Invasive Group B | 35 | 240 | 25 | 261 | 288 | 292 | 281 | 421 | Collin (6), Dallas (16), Denton (2), Ellis (1), Palo Pinto (1), Tarrant (9) |
| Tetanus | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | |
| Typhoid Fever | 1 | 2 | 0 | 10 | 11 | 8 | 7 | 9 | Hunt (1) |
| Varicella (Chickenpox) | 23 | 216 | 59 | 783 | 710 | 614 | 513 | 499 | Collin (7), Dallas (6), Denton (2), Hood (1), Tarrant (7) |
| Vibrio infection (including cholera) | 0 | 2 | 2 | 16 | 9 | 16 | 10 | 16 | |
| Viral Hemorrhagic Fever (Ebola) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | |
| VISA | 0 | 2 | 0 | 4 | 1 | 7 | 2 | 1 | |
| VRSA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Yersiniosis | 1 | 4 | 0 | 5 | 4 | 5 | 12 | 6 | Denton (1) |
| Total | 492 | 2,677 | | 5,189 | 4,734 | 4,887 | 6,433 | 6,155 | |

‡ Calculated by determining the median of the incidence counts for the current month, the month preceding the current month, and the month following the current month, for the 5 preceding years. †MDROs=Multi Drug Resistant Organisms

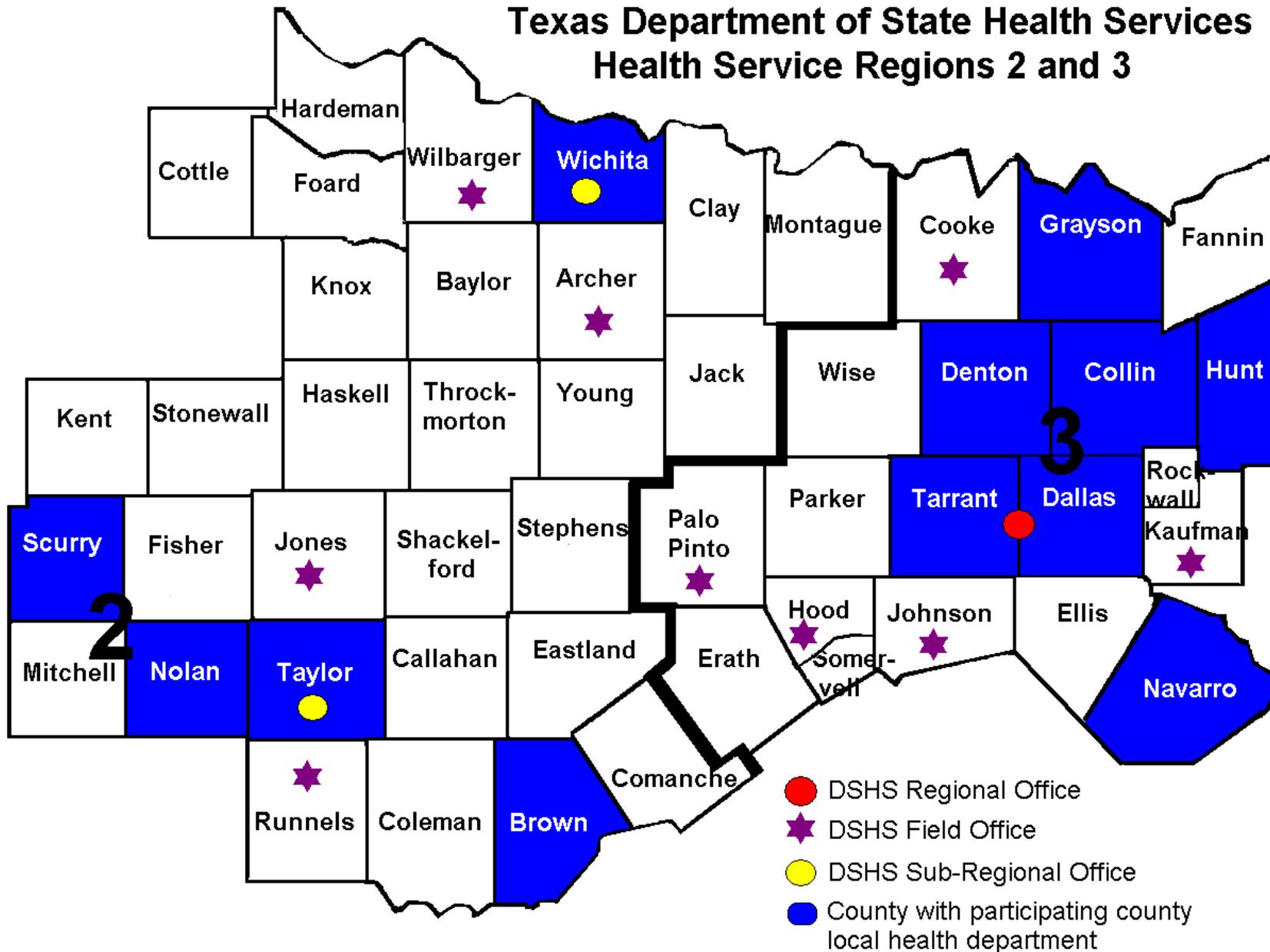
FIGURE II. Notifiable Diseases Exceeding Five-year Monthly Median for June 2015, Health Service Region 3



*Ratio of current monthly total to median of 15 month totals (from previous, comparable, and subsequent months for the past 5 years).

Current Ratio
 Historical Limits

Texas Department of State Health Services Health Service Regions 2 and 3



If you have any questions about this monthly report or notifiable disease conditions in Texas, please contact:

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