

Regional Surveillance Report: July 2014

SUMMARY

- **Health Service Region 2**
 - There were a total of 31 cases reported in Health Service Region 2 for the month.
 - Reported cases of Shiga toxin-producing *Escherichia coli* (STEC) were beyond historical limits for the five-year monthly median.

- **Health Service Region 3**
 - There were a total of 732 cases in Health Service Region 3 for the month.
 - Reported cases of Cryptosporidiosis, Cyclosporiasis, Hepatitis C, acute, and Shiga toxin-producing *Escherichia coli* (STEC) were beyond historical limits for the five-year monthly median.

- **Outbreak Investigations**
 - A Cyclosporiasis outbreak was reported and investigated by DSHS in a restaurant in Kaufman County.
 - A Cyclosporiasis outbreak was reported and investigated by DSHS in a restaurant in Erath County.
 - A Cyclosporiasis outbreak was reported and investigated by Dallas County in a restaurant.
 - A measles outbreak was reported and investigated by Tarrant County in a private setting associated with an outbreak in Kansas City, MO.
 - A Campylobacteriosis outbreak was reported and investigated by Tarrant County at a social gathering.

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.

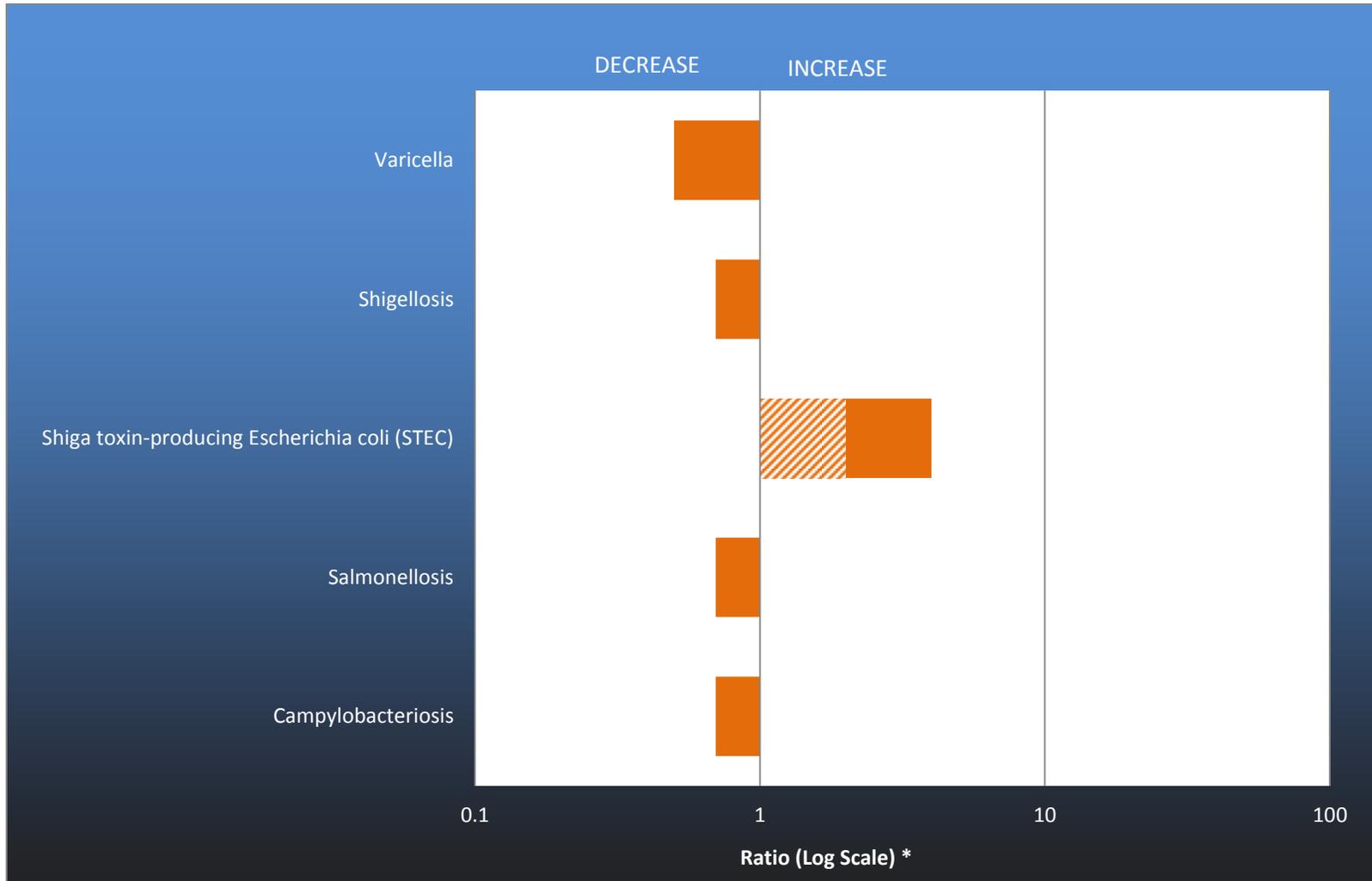
Table 1: Reported Disease Case Counts in Health Service Region 2, July 2014

Disease	July 2014	January - December 2014	5-Year Monthly Median F	Total Cases in Previous Years					Counties Reporting during July 2014 (Counts)
				2009	2010	2011	2012	2013	
Amebiasis	0	0	0	11	9	0	1	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	4	17	6	42	39	43	71	38	Eastland (1), Montague (1), Taylor (2)
Creutzfeldt-Jakob Disease (CJD)	0	0	0	1	0	1	0	0	
Cryptosporidiosis	0	3	0	6	1	10	9	4	
Cyclosporiasis	1	1	0	0	1	0	0	4	Comanche (1)
Diphtheria	0	0	0	0	0	0	0	0	
<i>Haemophilus influenzae</i> , invasive	0	0	0	0	0	0	0	0	
Hepatitis A, acute	0	1	0	4	4	4	5	3	
Hepatitis B, acute	0	3	1	19	13	9	7	4	
Hepatitis B, perinatal	0	0	0	0	0	0	0	0	
Hepatitis C, acute	1	5	0	11	5	2	0	4	Mitchell (1)
Hepatitis E, acute	0	0	0	0	0	0	0	0	
Influenza-associated pediatric mortality	0	0	0	2	1	0	0	0	
Legionellosis	1	3	0	0	3	2	4	3	Brown (1)
Listeriosis	0	0	0	0	0	2	0	0	
Measles	1	2	0	0	0	0	0	0	Taylor (1)
MDROs†	0	3	0	0	0	0	0	0	
Mumps	0	1	0	2	2	2	0	0	
<i>Neisseria meningitidis</i> , invasive	0	0	0	2	4	0	0	0	
Pertussis	2	18	2	15	15	9	31	77	Brown (1), Young (1)

Disease	July 2014	January - December 2014	5-Year Monthly Median †	Total Cases in Previous Years					Counties Reporting during July 2014 (Counts)
				2009	2010	2011	2012	2013	
Poliomyelitis, acute paralytic	0	0	0	0	0	0	0	0	
Rubella (including congenital)	0	0	0	0	0	0	0	0	
Salmonellosis	11	55	12	101	127	140	200	133	Brown (2), Montague (1), Nolan (2), Taylor (5), Young (1)
Shiga toxin-producing <i>Escherichia coli</i> (STEC)	4	16	1	12	9	20	13	15	Archer (2), Runnels (1), Taylor (1),
Shigellosis	2	14	3	30	21	63	187	41	Jack (1), Taylor (1)
Smallpox	0	0	0	0	0	0	0	0	
<i>Streptococcus pneumoniae</i> , invasive	1	16	1	0	10	18	24	14	Coleman (1)
Streptococcus, Invasive Group A	1	3	0	4	9	9	7	5	Nolan (1)
Streptococcus, Invasive Group B	1	10	1	8	12	20	11	19	Taylor (1)
Tetanus	0	0	0	0	0	0	0	0	
Typhoid Fever	0	1	0	0	0	0	0	0	
Varicella (Chickenpox)	1	17	2	171	34	112	84	48	Taylor (1)
Vibrio infection (including cholera)	0	1	0	0	1	3	0	1	
VISA	0	0	0	0	0	0	1	1	
VRSA	0	0	0	0	0	0	0	0	
Yersiniosis	0	0	0	0	1	0	0	0	
Total	31	190		441	321	469	655	414	

‡ 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 July 2014, 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

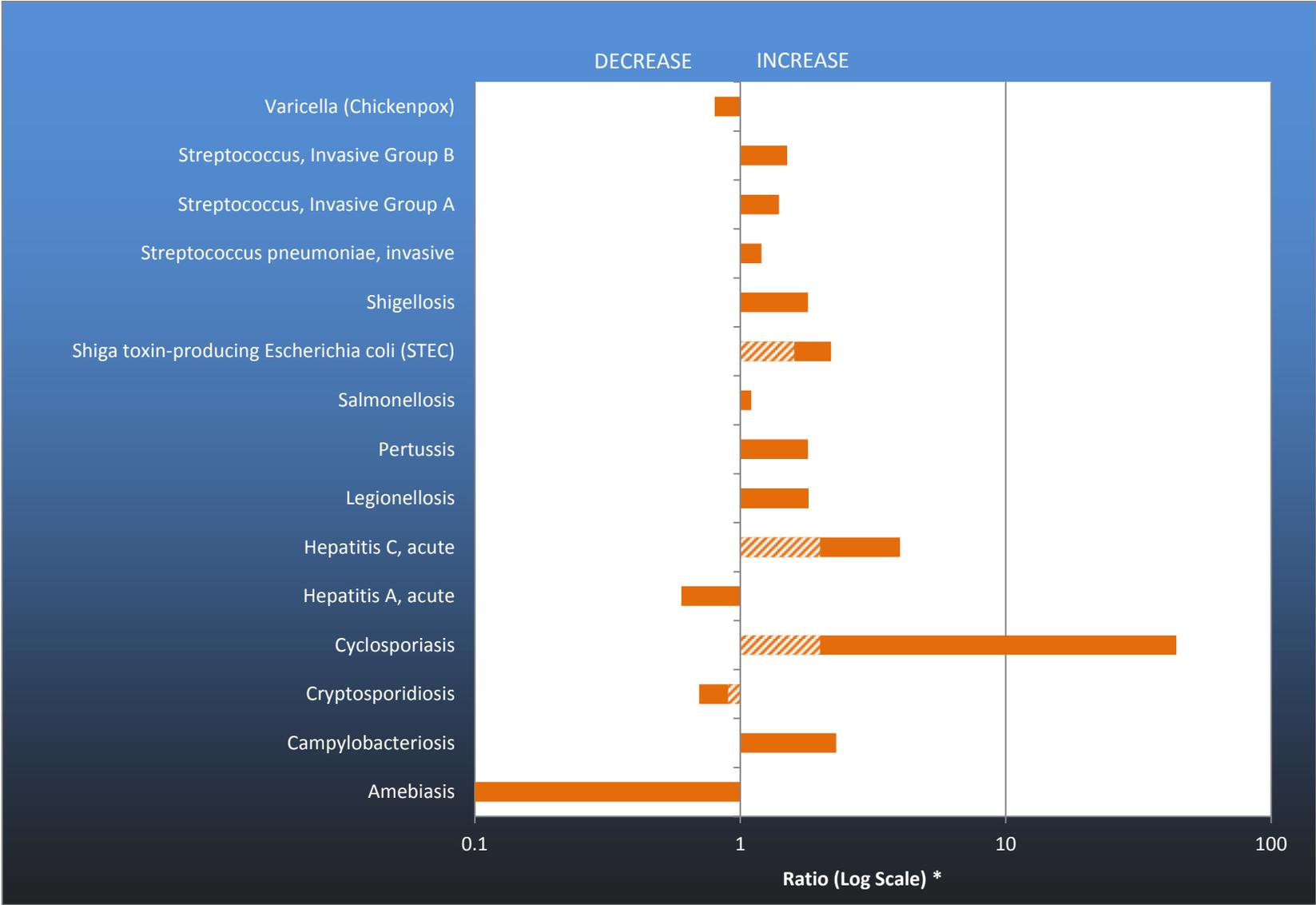
Table 2: Reported Disease Case Counts in Health Service Region 3, July 2014

Disease	July 2014	January - December 2014	5-Year Monthly Median †	Total Cases in Previous Years					Counties Reporting during July 2014 (Counts)
				2009	2010	2011	2012	2013	
Amebiasis	1	27	7	100	117	53	56	65	Collin (1)
Amebic meningitis and encephalitis	0	0	0	0	1	0	0	0	
Botulism (adult and infant)	0	2	0	0	1	1	0	2	
Campylobacteriosis	128	390	55	493	374	438	572	606	Collin (12), Dallas (48), Denton (5), Hood (2), Hunt (1), Johnson (4), Kaufman (3), Navarro (1), Rockwall (3), Tarrant (48), Wise (1)
Creutzfeldt-Jakob Disease (CJD)	0	0	0	7	10	2	6	1	
Cryptosporidiosis	9	55	13	119	164	126	98	128	Dallas (4), Denton (1), Tarrant (4)
Cyclosporiasis	88	93	2	7	8	9	13	183	Collin (7), Dallas (29), Denton (6), Ellis (4), Erath (3), Hunt (1), Johnson (3), Kaufman (10), Navarro (1), Parker (3), Rockwall (2), Somervell (1), Tarrant (18)
Diphtheria	0	0	0	0	0	0	0	0	
<i>Haemophilus influenzae</i> , invasive	0	2	0	1	2	1	2	0	
Hepatitis A, acute	3	19	5	79	64	55	62	27	Dallas (2), Denton (1)
Hepatitis B, acute	0	13	4	155	130	42	38	24	
Hepatitis B, perinatal	0	1	0	1	1	1	1	1	
Hepatitis C, acute	4	11	1	9	8	8	20	11	Denton (2), Johnson (1), Tarrant (1)
Hepatitis E, acute	0	3	0	4	7	7	4	4	
Influenza-associated pediatric mortality	0	5	0	10	2	5	5	2	
Legionellosis	11	58	6	57	69	52	59	68	Dallas (7), Ellis (2), Tarrant (2)
Listeriosis	0	0	1	8	5	14	8	9	
Measles	1	4	0	0	0	3	0	25	Tarrant (1)
MDROs†	13	82	0	0	0	0	0	0	Collin (3), Dallas (4), Denton (1), Grayson (1), Hunt (2), Johnson (1), Tarrant (1)
Mumps	0	3	0	11	12	7	5	1	
<i>Neisseria meningitidis</i> , invasive	0	2	0	17	13	10	13	13	

Disease	July 2014	January - December 2014	5-Year Monthly Median †	Total Cases in Previous Years					Counties Reporting during July 2014 (Counts)
				2009	2010	2011	2012	2013	
Pertussis	134	566	75	702	657	282	675	1,850	Collin (14), Cooke (1), Dallas (32), Denton (11), Ellis (2), Erath (1), Hunt (1), Johnson (2), Kaufman (2), Parker (3), Rockwall (5), Tarrant (60)
Poliomyelitis, acute paralytic	0	0	0	0	0	0	0	0	
Rubella (including congenital)	0	0	0	0	0	0	0	0	
Salmonellosis	142	550	134	1,021	1,275	1,208	1,245	1,142	Collin (9), Cooke (1), Dallas (34), Denton (13), Ellis (3), Fannin (4), Grayson (3), Hood (2), Hunt (3), Johnson (6), Kaufman (4), Palo Pinto (2), Parker (4), Tarrant (50), Wise (4)
Shiga toxin-producing <i>Escherichia coli</i> (STEC)	29	138	13	93	148	145	125	162	Collin (9), Dallas (6), Denton (1), Hood (1), Hunt (1), Johnson (2), Parker (1), Tarrant (8)
Shigellosis	76	392	42	260	630	676	376	667	Collin (19), Dallas (22), Ellis (1), Erath (1), Hunt (1), Palo Pinto (1), Tarrant (31)
Smallpox	0	0	0	0	0	0	0	0	
<i>Streptococcus pneumoniae</i> , invasive	14	344	12	0	301	413	458	499	Collin (1), Dallas (5), Ellis (1), Palo Pinto (1), Parker (1), Rockwall (1), Tarrant (4)
Streptococcus, Invasive Group A	10	140	7	104	111	152	104	118	Collin (1), Dallas (1), Denton (2), Johnson (1), Kaufman (1), Rockwall (1), Tarrant (3)
Streptococcus, Invasive Group B	34	238	22	197	261	288	292	281	Collin (5), Dallas (12), Denton (2), Ellis (2), Erath (1), Johnson (1), Parker (1), Tarrant (10)
Tetanus	0	1	0	0	0	1	0	0	
Typhoid Fever	0	7	1	7	10	11	8	7	
Varicella (Chickenpox)	33	304	39	1,322	783	710	614	513	Collin (1), Dallas (13), Ellis (3), Erath (1), Hunt (1), Johnson (1), Parker (2), Tarrant (11)
Vibrio infection (including cholera)	2	6	2	8	16	9	16	10	Dallas (1), Johnson (1)
VISA	0	1	0	0	4	1	7	2	
VRSA	0	0	0	0	0	0	0	0	
Yersiniosis	0	3	0	4	5	4	5	12	
Total	732	3,460		4,796	5,189	4,734	4,887	6,433	

‡ 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

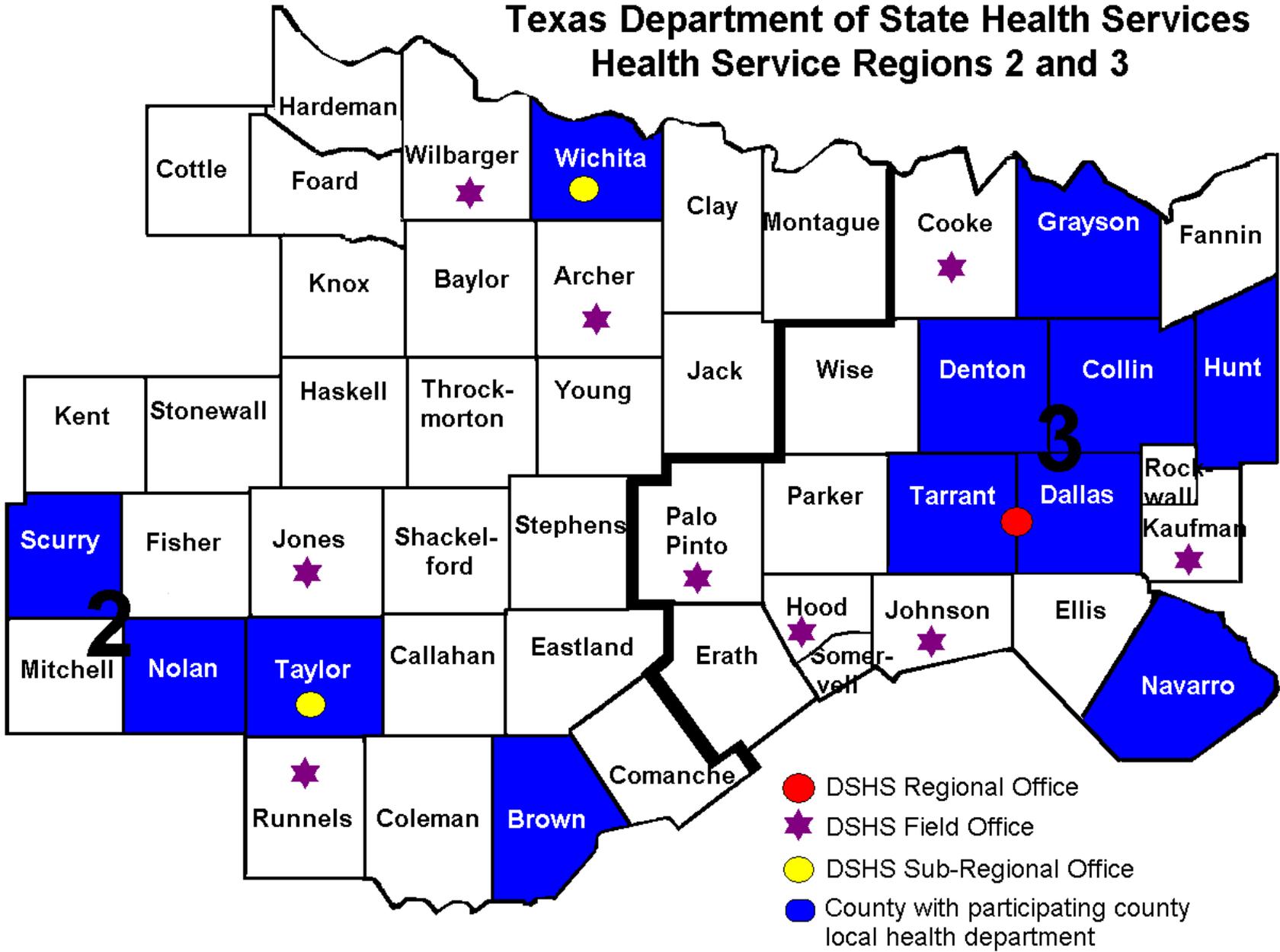
FIGURE II. Notifiable Diseases Exceeding Five-year Monthly Median for July 2014, Health Service Region 3



*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



- DSHS Regional Office
- ★ DSHS Field Office
- DSHS Sub-Regional Office
- County with participating county local health department

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