

Regional Surveillance Report: May 2015

SUMMARY

- **Health Service Region 2**

- There were a total of 32 cases reported in Health Service Region 2 for the month.
- Reported cases of Campylobacteriosis, Pertussis, Salmonellosis, *Streptococcus pneumoniae* invasive, and Streptococcus, Invasive Group B were beyond historical limits for the five-year monthly median.

- **Health Service Region 3**

- There were a total of 462 cases in Health Service Region 3 for the month.
- Reported cases of Hepatitis A acute and Streptococcus, Invasive Group B were beyond historical limits for the five-year monthly median.

- **Outbreak Investigations**

- A Varicella (chickenpox) outbreak was reported and investigated by DSHS in an Erath County school.
- A Shigellosis outbreak was reported and investigated by Collin County.

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.

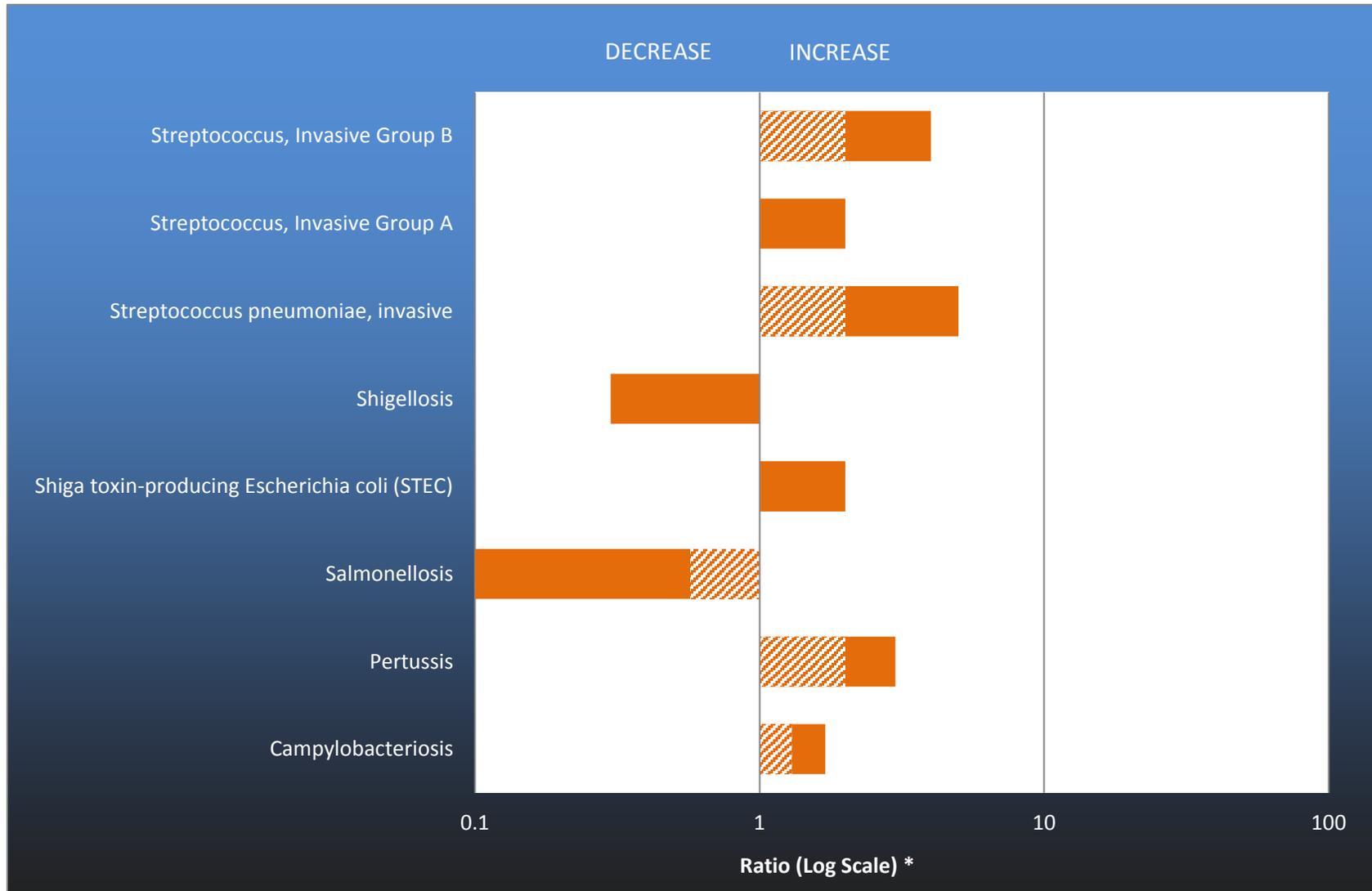
Table 1: Reported Disease Case Counts in Health Service Region 2, May 2015

Disease	May 2015	January - December 2015	5-Year Monthly Median F	Total Cases in Previous Years					Counties Reporting during May 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	5	31	3	39	42	71	38	37	Clay (1), Fisher (1), Jones (1), Montague (1), Taylor (1)
Creutzfeldt-Jakob Disease (CJD)	0	0	0	0	1	0	0	0	
Cryptosporidiosis	2	4	0	1	10	9	4	8	Wichita (2)
Cyclosporiasis	0	0	0	1	0	0	4	1	
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	2	1	13	9	7	4	4	Wichita (1)
Hepatitis B, perinatal	0	0	0	0	0	0	0	0	
Hepatitis C, acute	1	7	0	5	2	0	4	11	Wichita (1)
Hepatitis E, acute	0	0	0	0	0	0	0	0	
Influenza-associated pediatric mortality	0	1	0	1	0	0	0	0	
Legionellosis	1	3	0	3	2	4	3	6	Taylor (1)
Listeriosis	0	0	0	0	2	0	0	0	
Measles	0	1	0	0	0	0	0	3	
MDROs	0	2	0	0	0	0	0	15	
Mumps	0	0	0	2	2	0	0	1	
<i>Neisseria meningitidis</i> , invasive	0	0	0	4	0	0	0	0	
Pertussis	3	20	1	15	9	31	77	24	Comanche (1), Stephens (2)

Disease	May 2015	January - December 2015	5-Year Monthly Median †	Total Cases in Previous Years					Counties Reporting during May 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	1	20	7	127	140	199	133	117	Shackelford (1)
Shiga toxin-producing <i>Escherichia coli</i> (STEC)	2	10	1	9	20	13	15	26	Comanche (2)
Shigellosis	1	10	3	21	63	187	41	20	Scurry (1)
Smallpox	0	0	0	0	0	0	0	0	
<i>Streptococcus pneumoniae</i> , invasive	5	30	1	10	18	24	14	22	Brown (1), Comanche (1), Montague (1), Wichita (2)
Streptococcus, Invasive Group A	2	13	1	9	9	7	5	7	Montague (1), Taylor (1)
Streptococcus, Invasive Group B	4	14	1	12	19	11	19	24	Brown (1), Callahan (1), Montague (1), Wilbarger (1)
Tetanus	0	0	0	0	0	0	0	0	
Typhoid Fever	0	0	0	0	0	0	0	1	
Varicella (Chickenpox)	4	21	4	34	112	84	48	33	Clay (1), Nolan (1), Taylor (2)
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	32	194		321	467	654	414	367	

‡ 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 May 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

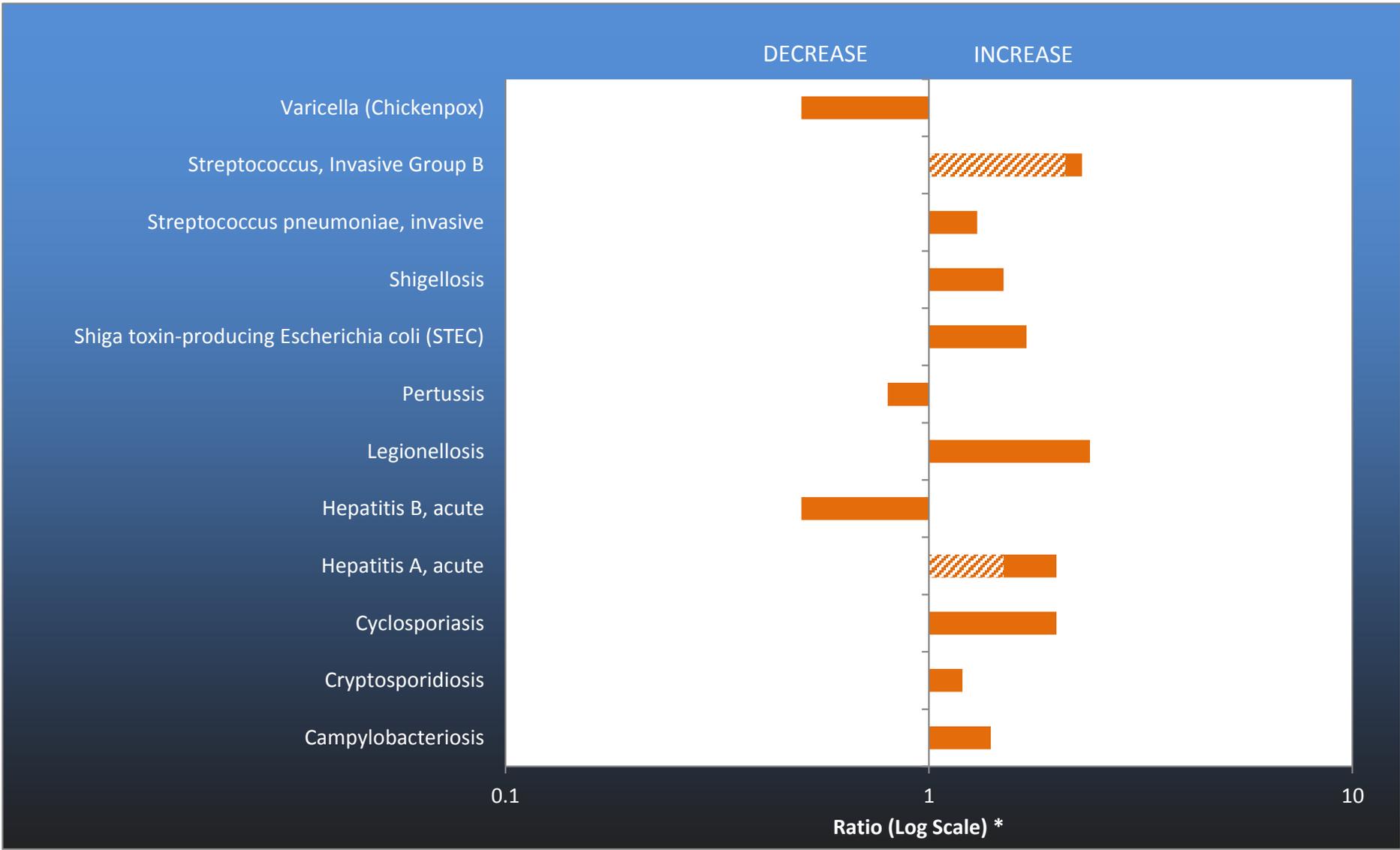
Table 2: Reported Disease Case Counts in Health Service Region 3, May 2015

Disease	May 2015	January – December 2015	5-Year Monthly Median †	Total Cases in Previous Years					Counties Reporting during May 2015 (Counts)
				2010	2011	2012	2013	2014	
Amebiasis	0	19	4	117	53	56	65	46	
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	72	254	53	374	438	572	606	657	Collin (4), Dallas (14), Denton (6), Erath (1), Fannin (1), Grayson (2), Hood (1), Hunt (2), Johnson (7), Kaufman (2), Palo Pinto (1), Parker (2), Somervell (1), Tarrant (27), Wise (1)
Creutzfeldt-Jakob Disease (CJD)	0	1	0	10	2	6	1	9	
Cryptosporidiosis	7	30	6	164	126	98	128	97	Collin (2), Dallas (3), Kaufman (1), Tarrant (1)
Cyclosporiasis	2	3	1	8	9	13	183	118	Dallas (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	8	17	4	64	55	62	27	27	Collin (2), Dallas (4), Denton (1), Johnson (1)
Hepatitis B, acute	1	11	2	130	42	38	24	22	Collin (1)
Hepatitis B, perinatal	0	0	0	1	1	1	1	1	
Hepatitis C, acute	0	7	1	8	8	20	11	19	
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	46	5	69	52	59	68	105	Collin (1), Dallas (5), Denton (1), Grayson (1), Tarrant (4)
Listeriosis	1	2	1	5	14	8	9	5	Tarrant (1)
Measles	0	1	0	0	3	0	25	4	
MDROs†	24	115	0	0	0	0	0	206	Collin (4), Dallas (13), Johnson (2), Tarrant (5)
Mumps	1	2	0	12	7	5	1	5	Dallas (1)
<i>Neisseria meningitidis</i> , invasive	0	2	1	13	10	13	13	5	

Disease	May 2015	January - December 2015	5-Year Monthly Median †	Total Cases in Previous Years					Counties Reporting during May 2015 (Counts)
				2010	2011	2012	2013	2014	
Pertussis	52	262	64	657	282	675	1,850	1,041	Collin (6), Dallas (7), Denton (7), Ellis (1), Hunt (1), Parker (1), Rockwall (2), Tarrant (26), 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	82	351	82	1,275	1,208	1,245	1,142	1,137	Collin (14), Cooke (1), Dallas (19), Denton (4), Ellis (5), Grayson (1), Hood (2), Hunt (2), Johnson (5), Kaufman (2), Parker (1), Rockwall (1), Tarrant (25)
Shiga toxin-producing <i>Escherichia coli</i> (STEC)	22	67	13	148	145	125	162	222	Collin (2), Dallas (2), Denton (4), Hood (1), Johnson (1), Navarro (1), Palo Pinto (1), Tarrant (6), Wise (4)
Shigellosis	45	198	30	630	676	376	667	739	Collin (6), Dallas (18), Denton (2), Navarro (2), Rockwall (1), Tarrant (16)
Smallpox	0	0	0	0	0	0	0	0	
<i>Streptococcus pneumoniae</i> , invasive	36	268	28	301	413	458	499	518	Collin (3), Dallas (13), Denton (3), Grayson (1), Johnson (1), Kaufman (2), Palo Pinto (1), Rockwall (1), Tarrant (11)
Streptococcus, Invasive Group A	10	87	10	111	152	104	118	202	Collin (2), Dallas (4), Erath (1), Johnson (1), Tarrant (2)
Streptococcus, Invasive Group B	55	201	24	261	288	292	281	421	Collin (3), Dallas (31), Denton (2), Ellis (2), Erath (1), Hood (1), Johnson (2), Kaufman (1), Tarrant (12)
Tetanus	0	0	0	0	1	0	0	1	
Typhoid Fever	0	1	0	10	11	8	7	9	
Varicella (Chickenpox)	31	193	64	783	710	614	513	499	Collin (3), Dallas (9), Denton (3), Ellis (1), Erath (4), Johnson (1), Rockwall (3), Tarrant (6), Wise (1)
Vibrio infection (including cholera)	1	2	1	16	9	16	10	19	Tarrant (1)
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	0	3	0	5	4	5	12	6	
Total	462	2,149		5,189	4,734	4,887	6,433	6,158	

‡ 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

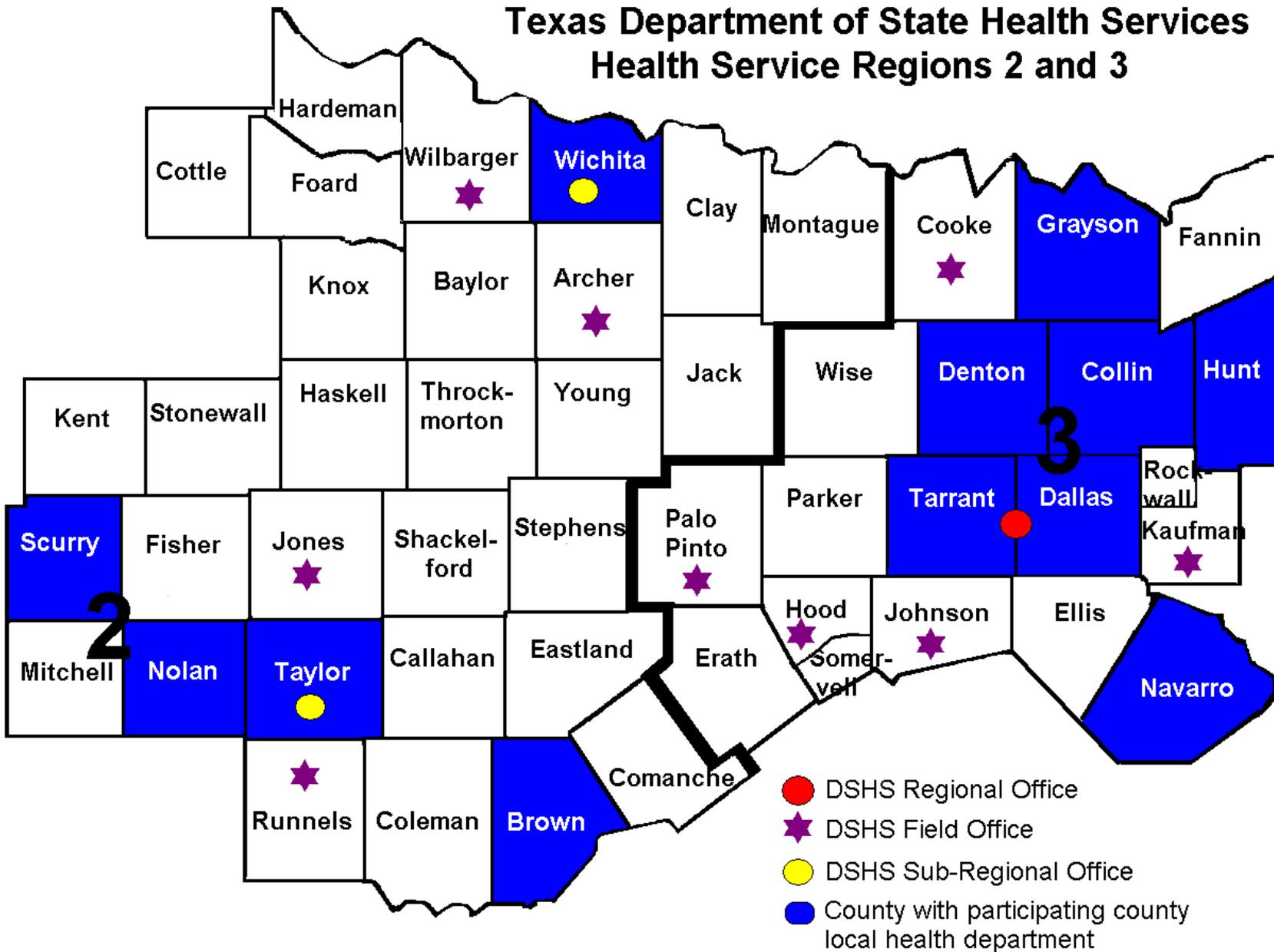
FIGURE II. Notifiable Diseases Exceeding Five-year Monthly Median for May 2015, Health Service Region 3



*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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