

Regional Surveillance Report: January 2015

SUMMARY

- **Health Service Region 2**

- There were a total of 45 cases reported in Health Service Region 2 for the month.
- Reported cases of Salmonellosis, *Streptococcus pneumoniae* invasive, Streptococcus Group A invasive, Streptococcus Group B invasive, and Varicella (Chickenpox) were beyond historical limits for the five-year monthly median.

- **Health Service Region 3**

- There were a total of 454 cases in Health Service Region 3 for the month.
- Reported cases of Amebiasis were beyond historical limits for the five-year monthly median.

- **Outbreak Investigations**

- Influenza outbreaks were reported and investigated by:
 - Brown County in a long-term care facility and in a school
 - Collin County in a long-term care facility
 - The City of Garland in a long-term care facility
 - Taylor County in a long-term care facility
 - Dallas County in a long-term care facility
 - DSHS HSR2/3 in a Hood County long-term care facility
 - DSHS HSR2/3 in a Wilbarger County long-term care facility

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.

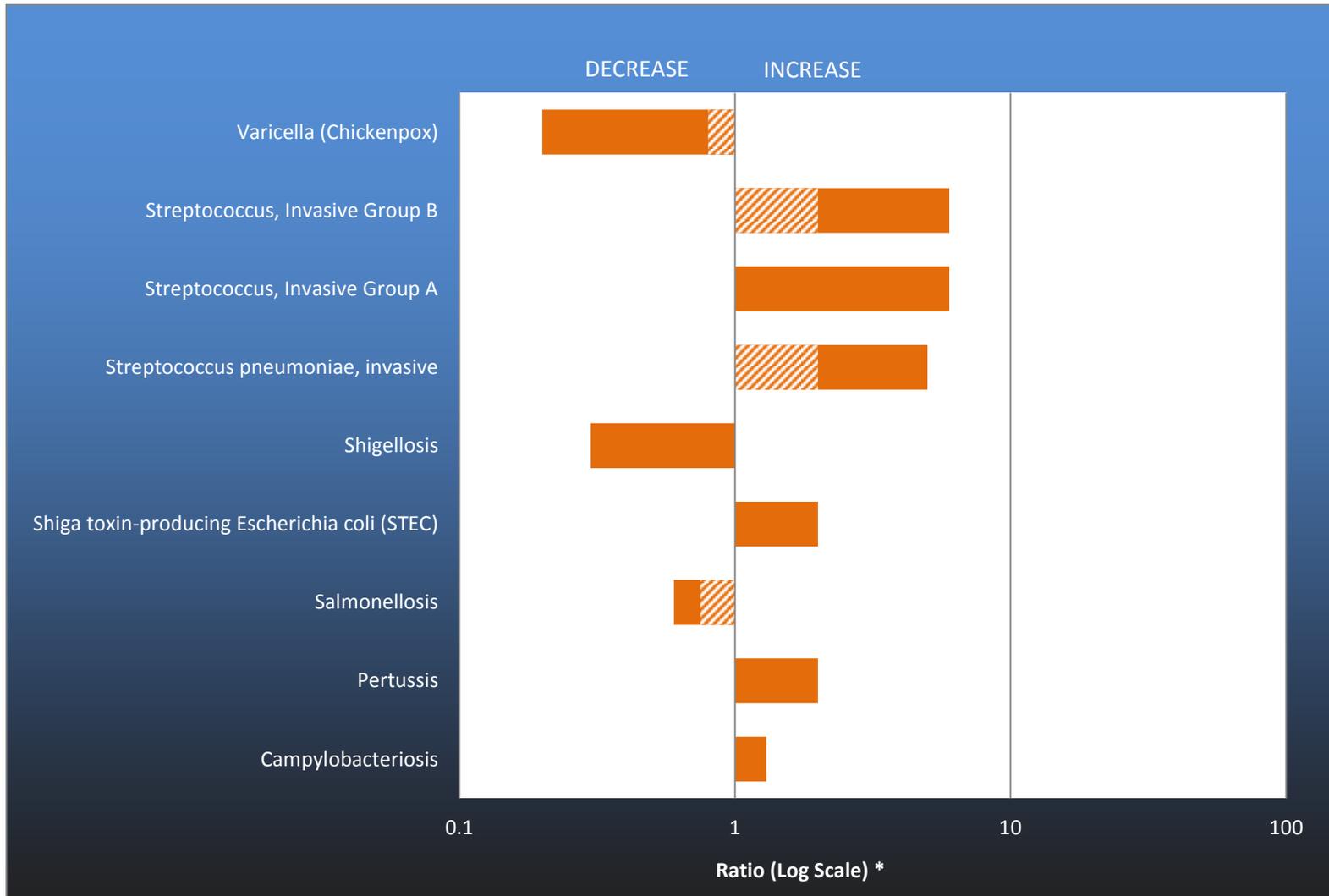
Table 1: Reported Disease Case Counts in Health Service Region 2, January 2015

Disease	January 2015	January - December 2015	5-Year Monthly Median F	Total Cases in Previous Years					Counties Reporting during January 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	5	4	39	43	71	38	38	Baylor (1), Jones (1), Wichita (3)
Creutzfeldt-Jakob Disease (CJD)	0	0	0	0	1	0	0	0	
Cryptosporidiosis	0	0	0	1	10	9	4	8	
Cyclosporiasis	0	0	0	1	0	0	4	1	
Diphtheria	0	0	0	0	0	0	0	0	
<i>Haemophilus influenzae</i> , invasive	0	0	0	0	0	0	0	1	
Hepatitis A, acute	0	0	0	4	4	5	3	2	
Hepatitis B, acute	1	1	1	13	9	7	4	4	Baylor (1)
Hepatitis B, perinatal	0	0	0	0	0	0	0	0	
Hepatitis C, acute	3	3	0	5	2	0	4	11	Wichita (3)
Hepatitis E, acute	0	0	0	0	0	0	0	0	
Influenza-associated pediatric mortality	0	0	0	1	0	0	0	0	
Legionellosis	0	0	0	3	2	4	3	5	
Listeriosis	0	0	0	0	2	0	0	0	
Measles	1	1	0	0	0	0	0	3	Taylor (1)
MDROs	1	1	0	0	0	0	0	13	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	2	2	1	15	9	31	77	23	Wichita (2)

Disease	January 2015	January - December 2015	5-Year Monthly Median †	Total Cases in Previous Years					Counties Reporting during January 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	5	5	8	127	140	200	133	116	Brown (1), Taylor (3), Wilbarger (1)
Shiga toxin-producing <i>Escherichia coli</i> (STEC)	2	2	1	9	20	13	15	22	Taylor (1), Wichita (1)
Shigellosis	1	1	3	21	63	187	41	18	Brown (1)
Smallpox	0	0	0	0	0	0	0	0	
<i>Streptococcus pneumoniae</i> , invasive	10	10	2	10	18	24	14	22	Callahan (1), Taylor (2), Wichita (5), Young (2)
Streptococcus, Invasive Group A	6	6	1	9	9	7	5	7	Callahan (1), Coleman (1), Mitchell (1), Runnels (1), Taylor (1), Wichita (1)
Streptococcus, Invasive Group B	6	6	1	12	20	11	19	24	Hardeman (1), Runnels (1), Taylor (2), Wichita (1), Young (1)
Tetanus	0	0	0	0	0	0	0	0	
Typhoid Fever	0	0	0	0	0	0	0	1	
Varicella (Chickenpox)	1	1	5	34	112	84	48	33	Scurry (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	0	0	0	0	1	1	1	
VRSA	0	0	0	0	0	0	0	0	
Yersiniosis	1	1	0	1	0	0	0	0	Fisher (1)
Total	45	45		321	469	655	414	356	

‡ 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 January 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

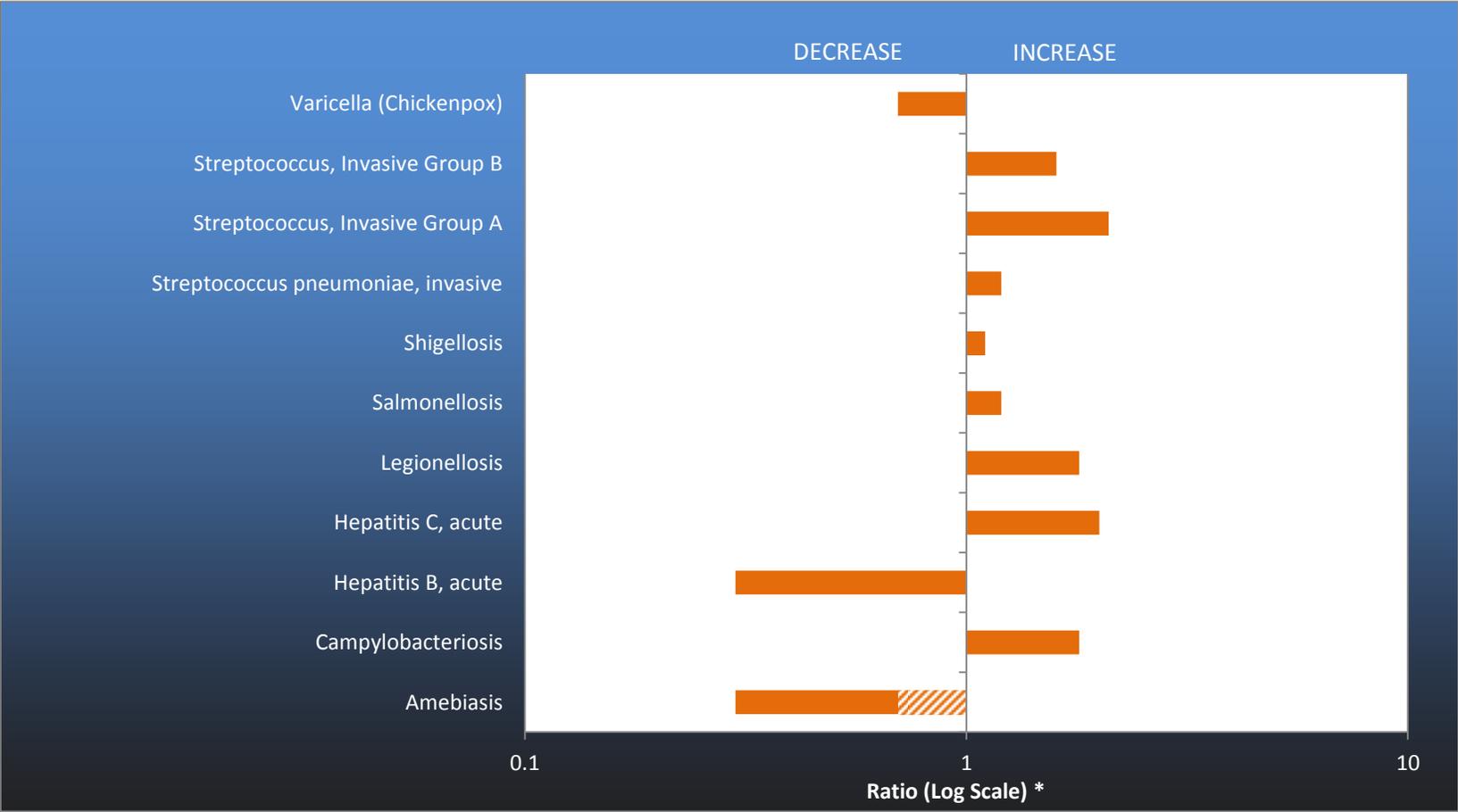
Table 2: Reported Disease Case Counts in Health Service Region 3, January 2015

Disease	January 2015	January – December 2015	5-Year Monthly Median †	Total Cases in Previous Years					Counties Reporting during January 2015 (Counts)
				2010	2011	2012	2013	2013	
Amebiasis	2	2	6	117	53	56	65	44	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	52	52	29	374	438	572	606	656	Collin (6), Cooke (3), Dallas (25), Denton (3), Ellis (2), Johnson (4), Parker (1), Tarrant (8)
Creutzfeldt-Jakob Disease (CJD)	0	0	0	10	2	6	1	1	
Cryptosporidiosis	7	7	7	164	126	98	128	96	Dallas (2), Kaufman (1), Tarrant (4)
Cyclosporiasis	0	0	0	8	9	13	183	116	
Diphtheria	0	0	0	0	0	0	0	0	
<i>Haemophilus influenzae</i> , invasive	0	0	0	2	1	2	0	3	
Hepatitis A, acute	3	3	3	64	55	62	27	27	Fannin (1), Parker (1), Tarrant (1)
Hepatitis B, acute	1	1	3	130	42	38	24	22	Kaufman (1)
Hepatitis B, perinatal	0	0	0	1	1	1	1	1	
Hepatitis C, acute	2	2	1	8	8	20	11	20	Collin (1), Denton (1)
Hepatitis E, acute	0	0	0	7	7	4	4	5	
Influenza-associated pediatric mortality	0	0	0	2	5	5	2	6	
Legionellosis	7	7	4	69	52	59	68	101	Collin (1), Dallas (4), Denton (1), Tarrant (1)
Listeriosis	1	1	0	5	14	8	9	4	Collin (1)
Measles	1	1	0	0	3	0	25	4	Tarrant (1)
MDROs†	17	17	0	0	0	0	0	187	Collin (2), Dallas (11), Denton (1), Johnson (1), Tarrant (1), Wise (1)
Mumps	0	0	1	12	7	5	1	5	
<i>Neisseria meningitidis</i> , invasive	1	1	1	13	10	13	13	5	Dallas (1)

Disease	January 2015	January - December 2015	5-Year Monthly Median †	Total Cases in Previous Years					Counties Reporting during January 2015 (Counts)
				2010	2011	2012	2013	2014	
Pertussis	58	58	60	657	282	675	1,850	1,031	Collin (8), Dallas (6), Denton (5), Fannin (1), Parker (2), Rockwall (1), Tarrant (33), Wise (2)
Poliomyelitis, acute paralytic	0	0	0	0	0	0	0	0	
Rubella (including congenital)	0	0	0	0	0	0	0	0	
Salmonellosis	70	70	60	1,275	1,208	1,245	1,142	1,127	Collin (6), Cooke(1), Dallas (18), Denton (6), Ellis (3), Erath (2), Hunt (1), Johnson (6),Navarro (2), Parker (3), Rockwall (1), Somervell (1), Tarrant (19), Wise (1)
Shiga toxin-producing <i>Escherichia coli</i> (STEC)	11	11	11	148	145	125	162	218	Dallas (5), Denton (4), Tarrant (2)
Shigellosis	36	36	32	630	676	376	667	738	Collin (2), Dallas (9), Denton (5), Ellis (2), Erath (5), Tarrant (13)
Smallpox	0	0	0	0	0	0	0	0	
<i>Streptococcus pneumoniae</i> , invasive	81	81	68	301	413	458	499	517	Collin (5), Dallas (33), Denton (6), Ellis (3), Erath (2), Fannin (1), Hood (1), Johnson (1), Kaufman (2), Parker (1), Rockwall (1), Somervell (1), Tarrant (23), Wise (1)
Streptococcus, Invasive Group A	29	29	14	111	152	104	118	201	Collin (1), Dallas (8), Denton (3), Ellis (1), Johnson (2), Kaufman (2), Tarrant (12)
Streptococcus, Invasive Group B	39	39	25	261	288	292	281	422	Collin (2), Dallas (26), Denton (2), Ellis (2), Johnson (1), Parker (1), Tarrant (5)
Tetanus	0	0	0	0	1	0	0	1	
Typhoid Fever	0	0	0	10	11	8	7	9	
Varicella (Chickenpox)	35	35	50	783	710	614	513	498	Collin (6), Dallas (9), Denton (9), Fannin (1), Rockwall (2), Tarrant (8)
Vibrio infection (including cholera)	0	0	0	16	9	16	10	16	
Viral Hemorrhagic Fever (Ebola)	0	0	0	0	0	0	0	3	
VISA	0	0	0	4	1	7	2	1	
VRSA	0	0	0	0	0	0	0	0	
Yersiniosis	1	1	1	5	4	5	12	6	Ellis (1)
Total	454	454		5,189	4,734	4,887	6,433	6,092	

† 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

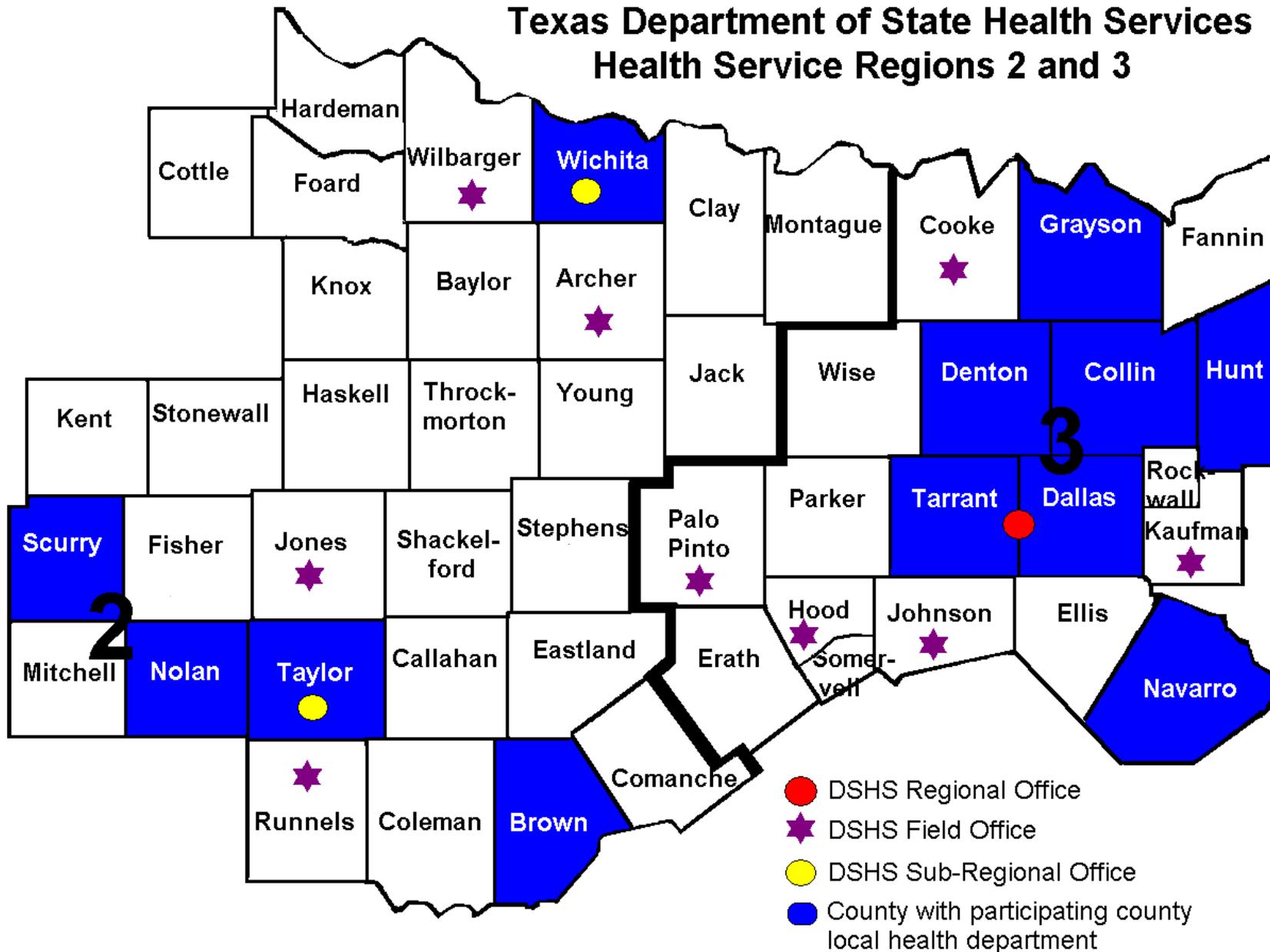
FIGURE II. Notifiable Diseases Exceeding Five-year Monthly Median for January 2015, Health Service Region 3



*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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